







## **ROMANIA**

Reimbursable Advisory Services Agreement on Romania Capacity Building for Statistics (P167217)

## **OUTPUT No. 14**

# Report on advisory services provided to Recipient on preparing the

Recommendations and best practices for implementing a functional IT system for GAC2020 (Reports on (i) logistics related to data collection according to the optimal combination identified; and (ii) piloting of the GAC IT application with report and assistance, and advice on best practices and guidance for the maintenance processes and actions of IT system during the go-live production), including the report on two (2) five-day (5) workshops for statisticians on methodologies and tools for transforming questionnaires in intelligent statistical e-questionnaires

June 2022

Revised version July 2022



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This report has been delivered in June 2022 and revised version in July 2022, under the Reimbursable Advisory Services Agreement on Romania Capacity Building for Statistics (P167217) signed between the National Institute of Statistics in Romania and the International Bank for Reconstruction and Development on September 17, 2019. It is part of Output 14 under the above-mentioned agreement.

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# List of Acronyms

CAPI Computer-Assisted Personal Interviewing GAC General Agriculture Census, round 2020

INS National Institute of Statistics IT Information Technology

RAS Reimbursable Advisory Services

WB World Bank

## **Executive summary**

This report presents the advisory services provided to Recipient on preparing the Recommendations and best practices for implementing a functional IT system for GAC2020 (Reports on (i) logistics related to data collection according to the optimal combination identified; and (ii) piloting of the GAC IT application with report and assistance, and advice on best practices and guidance for the maintenance processes and actions of IT system during the go-live production) including the report on two (2) five-day (5) workshops for statisticians on methodologies and tools for transforming questionnaires in intelligent statistical e-questionnaires, under the Reimbursable Advisory Services (RAS) Agreement on Romania Capacity Building for Statistics (Project No. P167217). The project is implemented by the National Institute of Statistics (INS) with support from the World Bank (WB).

Through this Output support was provided to the National Institute of Statistics (INS) in implementing the General Agriculture Census round 2020 (GAC) and documenting the system of data collection for major statistical works for the agriculture sector. The advisory services were for training of staff, piloting the agriculture census, preparation and support for running the General Agriculture Census. A brief description of the advisory services is presented below and the detailed are provided in the reports annexed.

## Training of the INS staff in preparing the e-questionnaires

The training was considered a preliminary component for preparing the GAC and for the post census structural surveys. The knowledge gained by the participants during training envisaged the support for the preparatory work for the GAC and post GAC period surveys in agriculture. Two 5-day workshops for statisticians on the Survey Solutions Designer App. and on the methodologies and tools for transforming questionnaires in intelligent statistical e-questionnaires were carried out during February 2020 and October 2022.

The workshops were attended by 28 statisticians, the first workshop being for beginners, and the second one for advanced users. The knowledge gained by the participants will support the preparatory work for both GAC2020 and post GAC2020 period surveys - structural surveys on agriculture.

The report presents the process for organizing the workshops and the activities performed, the topics covered, the agenda, the materials developed, the observations of the experts/trainers and several conclusions and recommendations for further improving the skills of the INS statisticians. The materials produced for the workshops are available in electronic format and are described in the annexes provided with the report.

The participants to the workshops offered feedback on the process, knowledge, and skills acquired, showing good understanding of the principles, concepts, tools, and processes of creating templates for data collection for different types of surveys.

Among the skills acquired, the participants can now use different tools and methodologies associated with the preparation of nationwide surveys.

## Piloting the GAC IT application for data collection

The GAC pilot was prepared and run in October 2020. The purpose of piloting the GAC was to verify, on a lower scale, the institutional, organizational and logistics set-up and to observe the potential miss-functionalities or shortcomings of the entire process, in order provide recommendations for improvement, fixing or for maintenance during the go-live production of the census.

As the GAC is the largest statistical operation conducted by INS for collecting, processing, and disseminating data on the structure of the agricultural sector, the piloting process was driven by the four characteristics of GAC2020, which required optimized instruments. These were: i) a fully electronic data collection process; ii) fully geo-referenced data collected; iii) continuous quality management applied at each stage of the data collection process; iv) the full population of agricultural holdings covered, according to EU regulations and considering the specificities of the Romanian agriculture.

The need for a GAC piloting process was determined taking into consideration the objective of the census: to collect and provide quality and comprehensive information in an internationally comparable way for around 300 variables concerning the number of farms, area of land used for agriculture, numbers and characteristics of persons carrying out agricultural activities, counting and characteristics of animals, rural development, others.

The report on the GAC pilot was submitted to INS in April 2021 and had five sections. The first section provided an overview of the GAC piloting process in view of the institutional arrangements, organizational aspects, expected data collection and specific variables required. A second section covered the components of the piloting process for the GAC and comprised the activities designed for the pilot together with the description of part of the GAC IT infrastructure (hardware and software) to be put in place. The description of the specific set-up for the software operation systems and applications was presented in the annexes (section five). Section three was a comprehensive presentation of the results of the GAC pilot. An assessment of the achievements and the shortcomings of the pilot was done in section four, forming the basis for the recommendations for actual GAC go-live production. The section covered the revised and adjusted workflow, the IT infrastructure for a smooth data collection process (servers and operation systems, tablets set-up and configuration, technical call center), training and the promotion and communication components for the actual General Agriculture Census.

The pilot exercise provided the basis for the development and testing of the IT integrated system for all stages of the GAC data collection, respectively: the preparation of the draft e-questionnaires for data collection, the establishment of the correlations between variables, the logical control conditions and data protection elements, and the communication with the Survey Solutions application. The report on the pilot was prepared and submitted to the INS.

The shortcomings, dysfunctionalities or further needs for improvements observed during the pilot were discussed with the INS management and experts and advice, capacity building support and recommendations were provided to the INS to ensure a successful actual GAC implementation.

## Preparing and running the actual General Agriculture Census

The preparation of the logistics related to data collection was put in place based on the observations collected during the pilot phase and on best practices. Guidance was provided for the maintenance processes and actions of the IT system during the go-live production phase, for the data collection monitoring, control and validation, and for data dissemination. The whole experience has been summarized in a report briefly presented below (the report is attached to this cover summary).

The first section of the report covers the flow of organizing the data collection at all stages, which includes details regarding the process of data collection based on the logical sequences within CAPI and the tasks of the census staff. The flow was decided after the pilot of the GAC and determined the actions for preparing the actual census and the resources needed (roles for census staff, IT equipment and applications).

The actual GAC data collection system is presented in the second section and covers the overall architecture (hardware, operation systems, software applications, databases and electronic services), the high availability structure, the performance framework, the back-up, and the security and testing processes for the data collection system. The detailed configuration of the entire system is presented in the report as an annex dedicated to the IT specialists of INS.

The reports for monitoring the data collection during actual GAC are presented in the third section which provides information on process and samples of reports for the daily monitoring of data collection, overall and by counties, and the reports regarding the activity of the census staff (enumerators, supervisors, observers). The templates of the monitoring reports are provided in annexes and archived in electronic format.

The data collected during GAC passed a process of validation described in the fourth section of the report. This includes the validation and rejection process for the questionnaires and the data control process through tables proposed and developed by WB and INS experts and using algorithms for data cleaning. The validation tables and script applied in this process are provided as an annex to the report and archived in an electronic format for further installation and running by the INS staff.

The INS disseminates the GAC results as a public good. In order to facilitate the access to the GAC results for further requests, the process of accessing the data has been automatized through an application which is presented in section five. The structure, the functions, the data inputs, the set of data outputs and flows of the application are described. The script of the application is provided as an annex and archived in electronic format for further installation and running by the INS staff.

The supporting tools for data production and the sustainability of processes and applications deployed for use by INS are listed alongside all annexes in the sixth section of the report.

The knowledge and experience gained by INS during the actual GAC preparation and implementation form the foundation for the future modernized structural surveys to be used by INS for electronic collecting and processing information about the sector of agriculture.

In sum, Output 14 contains three reports accompanying this cover summary on:

- (i) logistics related to data collection according to the optimal combination identified
- (ii) piloting the GAC IT application, including advice on best practices and guidance for the maintenance processes and actions of IT system during the golive production)
- (iii) two (2) five-day (5) workshops for statisticians on methodologies and tools for transforming questionnaires in intelligent statistical e-questionnaires

It is important to mention that Output 14 builds on activities presented in other four outputs dedicated to the General Agriculture Census, namely:

**Output 2a:** Report on advisory services provided to Recipient on the Proposed solution for the modernization of the GAC2020 data collection.

**Output 2b:** Report on advisory services provided to Recipient on the Proposed recommendations to review the legislation for GAC2020 (one (I) draft note with recommendations for substantiation of Government decisions, and one (I) proposed implementation plan) including the report on two (2) workshops on GAC2020 legislation.

**Output** 7b: Report on advisory services provided to Recipient on the Recommendations, best practices and guidance in developing a methodology on customizing an IT solution to geo-reference the agricultural holdings in grid-like statistical units GAC2020.

**Output 8:** Report on advisory services provided to Recipient on the Methodology to assess and promote the quality and coverage of the collected data GAC2020 and data protection/security.

The team would like to express its gratitude to officials of the National Institute of Statistics, in particular to Florentina Gheorghe, General Director, Silvia Pisica, General Director and Project manager, and to their team of experts for the excellent collaboration.

















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## **OUTPUT No. 14**

(i) Report on advisory services provided to Recipient on logistics related to data collection according to the optimal combination identified

June 2022

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## **List of Acronyms**

ATU Administrative Territorial Units
API Application Programming Interface

APIA Agency for Payments and Interventions in Agriculture

ASA Structural Survey in Agriculture (2016)
CAPI Computer-Assisted Personal Interviewing

CPU Central Processing Unit
DNS Domain Name System

DMZ Perimeter networks/Screened subnetworks

DTS Statistics Territorial Departments

EU European Union

GAC/RGA General Agriculture Census
HTML Hyper Text Markup Language
INS National Institute of Statistics
IT Information Technology

IP Internet Protocol
NFS Network File System
OS Operation System

RAM Random Access Memory

RAS Reimbursable Advisory Services
STS Special Telecommunications Service

SUSO Survey Solutions

SQL Structured Query Language

TTL Time to live

UAA Used Agriculture Area VPN Virtual Private Network

WB World Bank

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## Introduction

This report presents the advisory services provided to the Recipient on preparing the Recommendations and best practices for implementing a functional IT system for GAC2020 on (i) logistics related to data collection according to the optimal combination identified under the Reimbursable Advisory Services (RAS) Agreement on Romania Capacity Building for Statistics (Project No. P167217). The project is implemented by the National Institute of Statistics (INS) with support from the World Bank (WB).

This Output is the result of the support provided to the National Institute of Statistics (INS) for implementing the General Agriculture Census and documenting the data collection and production system for major statistical works on agriculture.

The knowledge and experience gained by INS during actual GAC forms the foundation for future structural surveys to be implemented in agriculture. The logistics related to data collection according to the optimal combination identified and implemented during GAC is presented in this report. The report has six sections.

The first section presents the flow of organizing the data collection at all the stages and includes details regarding the process of data collection based on logical sequences within the CAPI and the tasks of the census staff. The flow was decided after piloting the GAC and it determined the actions for preparing the census and the resources needed (enumerators, IT equipment and applications).

The actual GAC data collection system presented in second section describes the overall architecture of the census (hardware, operation systems, software applications, databases and electronic services), the high availability structure, performance framework, the back-up, and the security and testing processes for the data collection system. The detailed configuration of the entire system is attached to the report as an annex dedicated to the IT specialists of INS.

The reports for monitoring the data collection during the actual GAC are presented in the third section, which provides information on the process and samples of the reports for the daily monitoring of data collection, overall and by counties, and on the reports regarding the activity of the census staff (enumerators, supervisors, observers). The templates of the monitoring reports are provided in the annexes and archived in electronic format.

The data collected during the GAC passed a process of validation described in the fourth section. This includes the validation and rejection process of the questionnaires and the data control process through a sequence of tables and using algorithms for data cleaning. The validation tables and the script applied in this process are provided as an annex to this report and archived in electronic format for further installation and running by the INS staff.

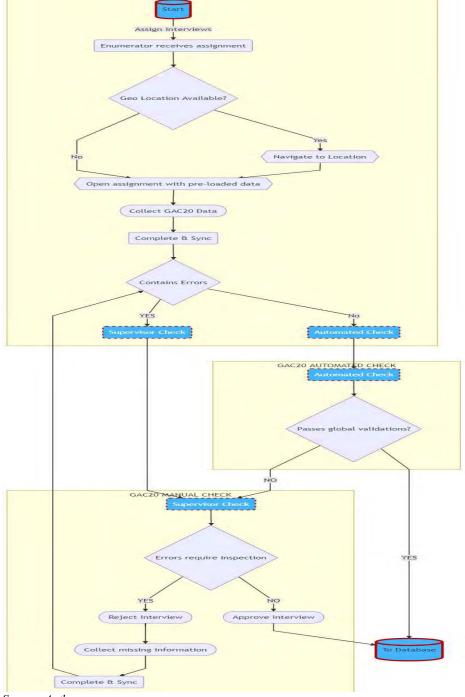
The INS disseminates the GAC results as a public good. In order to respond to further requests for GAC data the process was automatized through an application which is presented in section five. The structure, the functions, the data inputs, outputs and flows describe the application and the way to be used. The script of the application is provided as an annex and archived in electronic format for further installation and running by the INS staff.

The supporting tools for data production and the sustainability of the processes and applications deployed for the use of INS are presented alongside all annexes in the sixth section of the report.

# 1. The flow of organizing the data collection at all stages of the GAC

The actual GAC data collection used the CAPI method. In preparing the process of data collection for the census, the INS and WB teams applied the recommendations on the GAC workflow and IT infrastructure emerging from the pilot for go-live production.

Figure 1 - GAC workflow



Source: Authors

Based on the workflow resulted from the pilot, the IT infrastructure production environment and the action plan for infrastructure set-up and for tablets set-up and configuration were designed (figures are from the (ii) Report on the GAC pilot of this Output, Section 4).

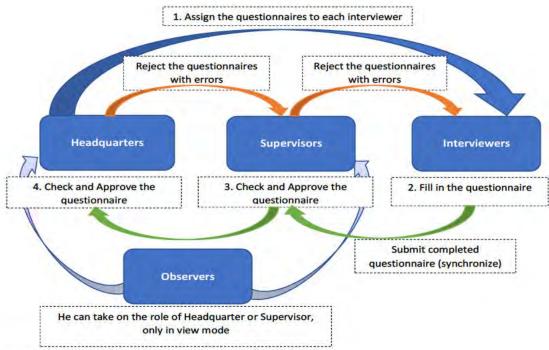
Table 1 - Action plan for GAC infrastructure set-up

Date Start	Date End	Activity	Responsible
2021-03-10	2021-03-26	Checking of preloading information received from DTS (based on sectorization results)	INS
	2021-04-12	Provide GAC infrastructure	STS
	2021-04-12	Install operating systems	STS
	2021-04-12	Allow access to World Bank to new system	STS
2021-04-12	2021-04-14	Install Survey Solutions & database	World Bank
2021-04-14	2021-04-15	Configure Survey Solutions & third-party services - Google Re-captcha, Amazon SES, Google Maps API	World Bank, INS
2021-04-15	2021-04-16	Create HQ accounts for INS and DTS	World Bank
2021-04-16	2021-04-20	Import questionnaire (Designer - SUSO)	INS
2021-04-16	2021-04-20	Set up user access (supervisors, interviewers, observers)	INS
2021-04-16	2021-04-20	Set up GAC monitoring	World Bank
2021-04-01	2021-04-25	End of training for enumerators	INS
2021-04-26	2021-04-30	Upload assignments with preloaded information on questionnaire	INS, World Bank
2021-04-20	2021-04-27	Assess application security	STS
2021-04-27	2021-04-29	Apply recommendations	World Bank
2021-04-29	2021-05-04	Install updated SUSO Interviewer on tablets Empty data sets and prepare for production	World Bank, INS
2021-05-01	2021-05-10	Start of GAC (RGA)	

Along these activities, specific actions for the training of the enumerators, technical staff and respondents of the call centre were implemented, alongside support for the promotion and communication campaign.

The requirements for data quality and coverage of the collected data were applied during the actual census based on the questionnaire validation workflow supported by the Survey Solutions.

Figure 2 - GAC Questionnaire validation workflow



Source: Authors - initially from the Output no.8

The data collection quality and coverage and data protection and security were implemented as they were described and agreed by INS and WB in Output no. 8<sup>1</sup>, delivered under this RAS Agreement.

The data collection process of GAC2020 has been designed and implemented given considerations derived from the legal EU requirements (e.g. EU Regulation 2018/1091) the national legal framework (GEO no. 22/2020 regarding the organization and implementation of the GAC and GD no. 1056/2020 regarding GAC 2020 budget approval); taking into account the organizational and institutional arrangements between the INS and the Ministry of Agriculture, the Ministry of Internal Affairs, the Special Telecommunications Service; based on the statistical data production conditionalities, the results, observations and recommendations from running the pilot of GAC in 2020, and the technical and informational capabilities existing at the time of the census at INS and stakeholders, respectively the specialized tools for data collection – Survey Solutions provided by WB, the availability of IT environment and communications provided by STS, the expertise and availability of experts at the level of INS and in the DTS (headquarters) (enumerators, supervisors, observers).

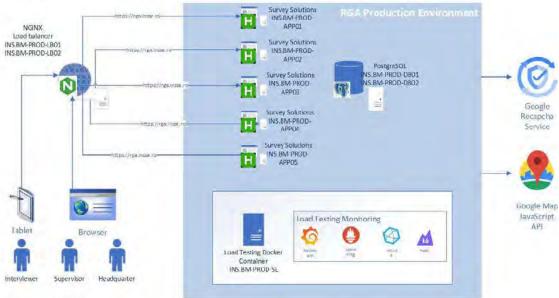
<sup>&</sup>lt;sup>1</sup> RAS Agreement on Romania Capacity Building for Statistics (P167217); Output no.8: Report on advisory services provided to Recipient on the Methodology to assess and promote the quality and coverage of the collected data GAC2020 and data protection/security.

## 2. Actual GAC data collection system architecture

## 2.1. The overall architecture

The actual GAC data collection system was built on a three-tier architecture, consisting in a pair of 2 load balancers serving the web requests, 5 application server nodes and a pair of 2 database nodes. Significant metrics are captured from all nodes and sent to a monitoring node.

Figure 3 - GAC Production environment



Source: Authors

Note: If Chrome was used as a browser, the Recapcha didn't always appear because was remembered the browser. The Google Maps API was used for map reports.

The nodes are virtual machines hosted at the STS premises. The following resources were dedicated to each node:

Table 2 - GAC IT resources assigned

Name	Provisioned Space	The second secon		d Guest OS Memory Size		CPUs	IP Address
INS.BM- PROD- APP01	82.09 GB	Microsoft Windows Server 2019 (64-bit)	32 GB	8			
INS.BM- PROD- APP02	82.09 GB	Microsoft Windows Server 2019 (64-bit)	32 GB	8			
INS.BM- PROD- APP03	82.09 GB	Microsoft Windows Server 2019 (64-bit)	32 GB	8			
INS.BM- PROD- APP04	82.09 GB	Microsoft Windows Server 2019 (64-bit)	32 GB	8			

Name	Provisioned Space	Guest OS	Memory Size	CPUs	IP Address
INS.BM- PROD- APP05	82.09 GB	Microsoft Windows Server 2019 (64-bit)	32 GB	8	
INS.BM- PROD-DB01	1050 GB	Ubuntu Linux 20.04 (64-bit)	128 GB	32	
INS.BM- PROD-DB02	1050 GB	Ubuntu Linux 20.04 (64-bit)	128 GB	32	
INS.BM- PROD-LB01	58.08 GB	Ubuntu Linux 20.04 (64-bit)	8 GB	4	
INS.BM- PROD-LB02	58.08 GB	Ubuntu Linux 20.04 (64-bit)	8 GB	4	
INS.VM- PROD-SL	98.09 GB	Ubuntu Linux 20.04 (64-bit)	48 GB	16	

An additional 2T sized storage mounted via NFS on first database server node was considered to be used for online backup.

#### Load balancers

Load balancers are based on NGINX community edition version 1.18. NGINX software is compiled from source in order to enable future customizations. Additional sticky modules were added to NGINX in order to enable session persistence using session cookies.

The role of the two load balancers is to balance web requests coming from Internet (routed via STS network equipment) to the 5 application nodes in a consistent manner, providing session persistence. They are configured in an active-passive high availability configuration, so when one node is down, the other can take over the requests.

#### Database servers

Database servers are based on Postgresql 12 community edition database management software. Postgresql 12 is installed from specialized repository dedicated to current operating system version.

Database nodes serves as information storage for keeping assignments, interviews, and system and user management information. The database nodes uses active-passive replication, so one node (MASTER) is on read-write mode while the second node (BACKUP) is on read-only. Automatic failover is implemented so in case MASTER is down, the BACKUP node is promoted as master. Also database was configured for online backup, which make possible point in time recovery in case of information inconsistency.

#### Application servers

Application servers consists in instances of Survey Solution version 21.1.7.30747 which is the latest stable version at the moment of installation. Each node communicates with load balancers on port 9700 via http. A dedicated component called ExportService is enabled only on the first node. This component carries out data export and communicates with all other nodes on port 5001. The service can be called only on server side, and it is not exposed to Internet. Data from Survey Solutions can be either exported via specialized archives format, using web interface or by connecting to another Survey Solutions instance via API.

#### Monitoring server

Monitoring server relies on a docker set of containers, with Prometheus as central monitoring collector, using also Grafana for metrics visualisations and InfluxDB for metrics recording. Additional functionality is added by a customized k6 deployment which can be used for performance testing.

## 2.2. High availability

High availability was considered in order to avoid single point of failure in GAC system design. Also, the recovery point objective of one hour (maximum time in which interviewers can stay disconnected from the system) was considered. High availability is implemented in each of the 3 tiers as follows:

- On load balancers, there is an active-passive configuration which bring up a second node in case current node NGINX service is down
- On application servers, since the requests are routed from load balancers, a health check
  can indicate to load balancers if the current application server node is down, and the
  request can be re-routed to another node
- On database servers, there is an active MASTER node which server all the requests.
   Data is replicated to a second node (BACKUP) and there is automatic failover. The failback mechanism is manual for better control of the failure source.

On load balancers, the high availability mechanism was implemented using keepalive software package. Keepalive was configured to bring up a virtual IP on the MASTER node while the NGINX service on this node is healthy, and to bring down the virtual IP on MASTER and bring it up on the BACKUP node in case NGINX is failing on the MASTER node.

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A similar high availability mechanism was implemented for databases. In the database nodes case, additional action is needed in order to promote the BACKUP node as MASTER in order to be able to server also write requests to the SQL engine.

In order to check whether the first node is acting as a master so keepalive to be informed about state changes, a custom mechanism was implemented. On the master node, a check script updates information in a table by using current date and time on each 5 seconds. If the information from the table (which is replicated to second node) differs from current date and time with more than 100 seconds, then it means, either the Postgresql server is down, either the server is in read-only mode, so in this case automatic failover can be triggered.

In case of database servers, the failback mechanism is manual and is described in the chapter regarding operations. Due to the fact that failure causes can be multiple, from physical failures to software configurations issues, it is recommended that failback to be operated manually in order to recover initial state.

Databases servers were configured for replication. The replication mechanism chosen was logical replication (see <a href="https://www.postgresql.org/docs/12/different-replication-solutions.html">https://www.postgresql.org/docs/12/different-replication-solutions.html</a>). This type of replication has the advantage of being a build in mechanism, providing a high level of consistency and having a minimal footprint on master server operations.

#### **Performance**

The system was sized in order to enable 25,000 interviewers to work concurrently. Since the recommended configuration for a single node was proven to carry out at least 6,000 interviewers, then 5 application nodes should be more than enough to handle the GAC. However, it is important to mention the role of enumerators in a smoothly run of census, respectively the system works at normal parameters only if the reviewers / enumerators respect the way and instructions of they work using the data collection application without making unnecessary queries or reports in the application, especially during peak hours. A process of scaling up and calibration of IT infrastructure is possible every time, but requires IT resources in place, on the spot from the host of data collection system (STS for GAC2020).

## **Backup**

Due to high availability architecture, backup of server configurations is not needed since each node configuration is backed up in another node. So, the backup of the system reduces to backup of the data.

Postgresql was configured for online backup, so point in time consistent recovery is possible in order to recover from logical failures. Archive logging is configured on each MASTER node in both datacenters.

#### **Security**

The system physical security relies on security controls implemented on STS datacenters and INS and WB internal procedures and regulations for users accessing the system from terminals hosted by either INS and WB.

The system logical security has different levels of protection:

- STS Network firewalls are protecting access to the systems hosted in STS datacenters. Access to public web interface of the system is restricted to national IPs.
- All machines have implemented hosts firewalls which allows only minimal traffic required for system functionality
- Windows Severs are protected by Windows Defender native anti-virus

- Administrative access to the system is protected by restricted VPN point-to-site solution, available only to authorized personnel
- Access to web application is possible only to authenticated users. Username and
  password are mandatory for accessing system functionalities, and privileged users are
  additionally protected by 2 factor authentication. Also, a captcha mechanism (Google
  Recaptcha service) is used in order to deny programmatic access.

The overall security of the system was assessed by STS according to best practices. In order to continuously protect against common vulnerabilities, security patches for system components were applied on regular basis during production.

## 2.3. Log management

All the systems logs were centralized by STS. This allows setting alerts in order to notify responsible persons for particular events, related to system security, availability and reliability.

## 2.4. Disaster recovery

Disaster recovery mechanism relies on DNS switching and database replication. First node on the secondary site is continuously replicating from first node of the primary site using streaming replication, so the database on the secondary site is up-to-date in a consistent manner.

When a disaster situation is declared by responsible persons, the disaster recovery procedure is triggered and will have those main phases:

- Switch network connectivity from primary to secondary site. This will use DNS record updating, so the changes will be applied according to agreed TTL. In this case, this will be one hour. The second site load balancers will publish initially a maintenance notification HTML page.
- 2. Meanwhile, a manual procedure will promote the first database node on the second datacenter to become MASTER. Replication with secondary node in second datacenter will be set up, and when everything is up, the other services will be started.
- 3. The maintenance notification page will be replaced with a redirect to SuSo services, so the users can access new environment.

It is very important to maintain configuration on secondary datacenter to be the same as in primary datacenter, so every time when configuration changes in primary datacenter, it should be replicated on secondary datacenter.

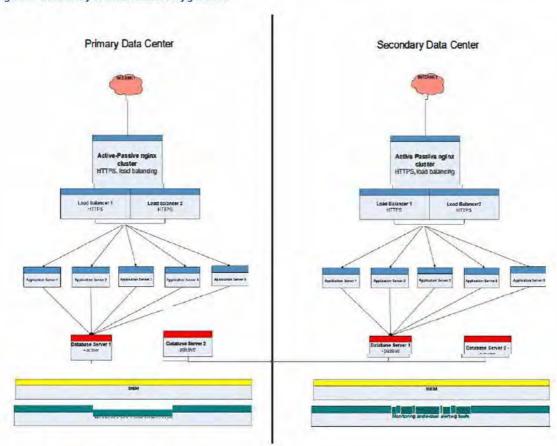
Following resources were used in secondary datacenter in order to cover the capacity of the primary datacenter:

Name	Provisioned Space	Guest OS	Memory Size	CPUs	IP Address
INS.BM- DR-APP01	82.09 GB	Microsoft Windows Server 2019 (64-bit)	32 GB	8	
INS.BM- DR-APP02	82.09 GB	Microsoft Windows Server 2019 (64-bit)	32 GB	8	
INS.BM- DR-APP03	82.09 GB	Microsoft Windows Server 2019 (64-bit)	32 GB	8	

Name	Provisioned Space	Guest OS	Memory Size	CPUs	IP Address
INS.BM- DR-APP04	82.09 GB	Microsoft Windows Server 2019 (64-bit)	32 GB	8	
INS.BM- DR-APP05	82.09 GB	Microsoft Windows Server 2019 (64-bit)	32 GB	8	
INS.BM- DR-DB01	1050 GB	Ubuntu Linux 20.04 (64-bit)	128 GB	32	
INS.BM- DR-DB02	1050 GB	Ubuntu Linux 20.04 (64-bit)	128 GB	32	
INS.BM- DR-LB01	58.08 GB	Ubuntu Linux 20.04 (64-bit)	8 GB	4	
INS.BM- DR-LB02	58.08 GB	Ubuntu Linux 20.04 (64-bit)	8 GB	4	
INS.VM- DR-SL	98.09 GB	Ubuntu Linux 20.04 (64-bit)	48 GB	16	

Also, a dedicated NFS storage is presenting 2T space to the first node of INS.BM-DR-DB01.

Figure 6 - STS Survey Solutions initial configuration



## Virtual Machines (Testing Target)

- Load Balancer
  - o 2x 4vcpu, 8GB RAM

- o Linux Server (Ubuntu 20.04 LTS)
- NGINX Load Balancer
- Application Servers
  - o 5x 8vcpu, 32GB RAM
  - Configured with Windows Server 2019
  - Survey Solutions HQ
- Database Server
  - o 2x 32vcpu, 128GB RAM
  - Windows Server or Linux (Ubuntu 20.04 LTS)
  - PostgreSQL Server (version 12.4)

## **Load Testing Machine (Source of Load)**

- 1x 16vcpu, 48GB RAM
- Linux OS (Ubuntu 20.04 LTS)
- Docker

## Network(s):

DMZ – 2 x Load Balancers

Private – 5 x Applications Servers, 1 x Database Server, 1 x Load Testing

#### Ports between networks:

Internet - Load Balancers 80, 443 (port 80 will be re-directed to 443 after SSL cert installation) DMZ – Internet 80, 443

Load Testing – Load Balancers – 443, 9100, 8080 Load Balancers – Application Servers – 9700

Private – Internet 80, 443

The detailed configuration of the system is presented in Annex 1 - GAC data collection information system – As-built report.

Note: This is STS configuration - the information in Annex 1 to be used for the configuration of the INS's future structural surveys on its new integrated IT system

# 3. Monitoring and reporting during the GAC data collection

## 3.1. Daily monitoring and reporting

The monitoring and reporting process for data collection represented a daily task realized for the entire period of the GAC (May 10 – July 31, 2021) as a joint effort of INS and WB teams. The GAC questionnaire validation workflow (Figure 3, above) was applied he and this supported the process of obtaining accurate information about the status of data collection.

The monitoring and reporting process used the data gathered from Survey Solutions, namely the data export of the activities performed by the enumerators for filling the questionnaires the day before, about the opened questionnaires and the completed ones by each census staff with roles in SuSo and by ATU and counties. Annex 2 provides the sample of the data collection report generated every day by questionnaire, by ATU and by county, archived in electronic format. The information collected at this stage was used by the INS GAC team to generate various reports. The data obtained could be organized on different layers: enumerator/(by sector) supervisor,, coordinator, ATU, county and totals.

The reports generated were structured as:

- A Report for monitoring data collection which included information about the supervisor and enumerator ID, on Interview Keys, number of errors, comments for the Enumerator and for the Supervisor, number of interviewers, number of rejections by the Supervisor, interview duration and assignment ID, reasons for "why the agriculture holding cannot be interviewed" coded(C01P02b)<sup>2</sup> and the completion code of interview – see the sample below.

Figure 7 - Sample of report for Monitoring of data collection

ID of supervisor	ID of enumerator	InterviewKey		No of erors	With Comments		For	Interviewer	Rejections Rv	Number Rejections By Hq	Interview Duration	Assignment Id	Updated At Utc	Reason why the household cannot be interviewed (C01P02b)	Completion code (C13P45)
SUP 01 AB	INT 01 AB	16-83-89-25	Completed		0	165	0	1	0	0	10/19/2020 0:22	259	10/19/2020 20:40		1
SUP 01 AB	INT 01 AB	29-30-69-77	Completed		0	142	0	1	0	0	10/19/2020 0:49	248	10/19/2020 20:40		1
SUP_01_AB	INT_02_AB		ApprovedBy Supervisor		0	106	0	1	0	0	10/19/2020 0:09	286	10/19/2020 20:40	4	
SUP_01_AB	INT_02_AB		ApprovedBy Supervisor		0	155	0	1	0	0	10/19/2020 0:21	285	10/19/2020 20:40	4	

- A Report for monitoring data collection by ATU, supervisors and enumerators which provided information by each county and localities (ATU) about the total questionnaires initially allocated, new/relocated questionnaires (number of questionnaires for folder=JJ9001 or JJ9002), total questionnaires, the filled -in questionnaires approved, completed (waiting for approval/rejection) or rejected, the full interview (completion code C13P45) or non-responses\*) (reason code C01P02b);

-

<sup>&</sup>lt;sup>2</sup> According to the correspondence available for GAC 2020 structure of database

Figure 8 - Sample of report for Monitoring of Data collection by ATU, supervisors and enumerators

							FII	ed-in questionnai	res			
Nr. crt.	County/ Judet	UAT	ID of supervisor		Total questionnaires initial allocated	new/relocated (number of	(number of quest.for older=JJ9001	Approved	Completed (waiting)	Rejected	Full interview (completion code C13P45)	Non-responses*) (reason code C01P02b)
0			1	2	3	4	5=3 4	6	7	8	9	10
1	Alba	Ciugud	SUP_AB_01	INT_AB_01								
2	Alba	Ciugud	SUP_AB_01	INT_AB_02								

- A Report for monitoring the data collected at the level of every county and the administrative territorial units within it on the Used Agriculture Area (UAA), the cattle and pigs counting.

Figure 9 - Report on UAA, cattle and pigs by ATU (county)

Nr. Crt.	UAT/ATU	Number of holdings	l		Pigs (heads)
	0/11//110	enumerated	SAU (ha)	Bovine (capete)	Porcine (capete)
0	1	2	3	4	5
Total at					
county level					

Following the monitoring process and the distribution of tasks, the information generated was consolidated into daily reports that allowed the GAC coordination team from INS to inform and advise DTSs and, enumerators, supervisors and observers about the status of data collection and the level of coverage.

The templates of the reports are available in electronic format and are delivered archived with this report as **Annex 2 - - Sample reports of daily monitoring.** 

## 3.2. Census staff's activity monitoring and reporting for payment

The reporting process on the activity of the census staff had two dimensions: one regarding the reporting on activity and the other one used for the calculation of the gross amounts paid to census staff.

The monitoring of data collection (using the daily exports from Survey Solutions) was used for the coordination of activities at the level of enumerators, supervisors, coordinators and for administrative processes regarding the payment of the work done by them. The information regarding the volume of the questionnaires filled in, the status of the questionnaires (rejected, completed, approved) provided the base information for the monitoring and coordination of the enumerators and later for the payment for their effort (see a sample of a report in the figure below).

Figure 10 - Sample of report for census' staff activity

County	Interviewer Assigned	Rejected By Supervisor	Completed	Approved By Supervisor	Rejected By Headquarters	Approved By Headquarters	Total	Total Assignments
AB	11	615	4196	23092	293	2795	31002	77701
AG	1	4647	11785	38585	2211	1752	58981	151076

County	Interviewer Assigned	Rejected By Supervisor	Completed	Approved By Supervisor	Rejected By Headquarters	Approved By Headquarters	Total	Total Assignments
AR	0	792	3210	29364	428	2649	36443	62915
В	0	11	53	41	4	11	120	260

The information regarding the data collected, the quality and quantity of the approved questionnaires represented the input for the total amount paid to an enumerator. Similarly, the process of calculating the effort and amounts paid was applied for chief enumerators (supervisors) and for coordinators located at each administrative territorial unit level. In their case in order to justify the time allocated and spent for census activities it was mandatory to fill in a descriptive activity report of the supervisor/coordinator to accompanies the payment situation.

The sample of the payment reports and the instructions regarding the correspondence of the inputs from Survey Solutions are presented in the figures below.

Figure 11 - Sample of enumerator activity and payment report

ID of enumerator	Number of questionaires allocated/ assigned	Number of questionaires filled- in and validated with completion code=1	cost per questionaire	Total amount (brut, lei)
0	1	2	3	4
INT_AB_01	100	90	30	2700
corespondingt to table no.1	coresponding to table no.2	coresponding to table no.1		

Figure 12 - Sample of chief enumerator activity and payment report

ID of	Number of	Number of	Fille	ed-in questio	nnaires	Number of hours	Number of hours allocated	Total hours worked	Cost per	Gross payment
supervisor	questionnaires	questionnaires				alocated for	for organisatoring and	(organisatoring,	hour	amount (lei)
	assigned	filled in by				validation of	administrative activities	administrative and	(lei/hour)	
		enumerators	approved by	completed	rejected by	questionnaires *)	related to agriculture	validation		
		and validated by	supervisor	(waiting)	supervisor or HQ		holdings from census	activities)		
		supervisor			(not-aproved)		section *)			
1	2	3	4	5	6	7	8	9	10	11
		650	648	1	1	127	55	182	23.62	4290
					1					

Figure 13 - Sample of coordinator activity and payment report

ID of	Number of	Number of	Que	estionnaires fill	ed-in	Number of hours	Number of hours	Total hours	Cost per	Gross
cooordonator SIRUTA of county	questionnaires assigned at county level	questionnaires filled-in by enumerators and validated by supervisors	aproved by supervisors	completed (waiting)	rejected by supervisors or headquarters (not-approved)	alocated for monitoring the questionnaires and team activity at county level	allocated for organisatoring and administrative activities related to agriculture holdings from/at county level	worked (organisatoring, administrative and monitoring activities)	hour (lei/hour)	payment amount (lei)
1	2	3	4	5	6	7	8	9=7 8	10	11
		152200	152000	100	100	330	142	471	23.62	11134
		34600	34500	50	50	75	32	107	23.62	2528
		53100	53000	50	50	115	49	164	23.62	3883
		88160	88000	80	80	191	82	273	23.62	6447

All samples of the reports are presented in **Annex 3 - Sample reports of census's staff activity** and are provided archived in an electronic format.

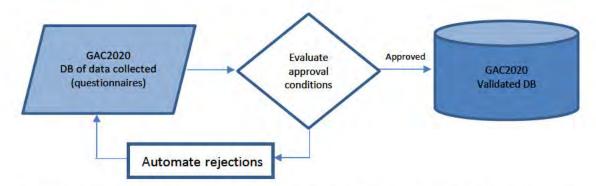
## 4. Validation process of the collected data

The purpose of the validation process was to support the transmission of the results to the Eurostat, in the predefined format of the Eurofarm file (the same for all EU member states) and the dissemination of the results to other users (national / international): publications (predefined tables) and tables produced following ad-hoc requests. This section presents information on the process and tools for the validation of the data collected, consolidated on the automatic acceptance and rejection of the questionnaire, and on the control tables.

## 4.1. Automatic acceptance, rejection of questionnaires

The automatic acceptance or rejection of the questionnaires was prepared in order to ensure the data quality and by control of the data collected. The process is run and completed with the support of scripts in the R programming language and applied to the available set of data (see the flow below).

Figure 14 - Automatic acceptance/rejection flow



The result of the process provides information on the accepted or rejected questionnaires collected during GAC. The data collected from the approved questionnaires is further used for analysis of data and specific comparisons (through control tables – see further) by different layers of variables and for the production of indicators. The rejected questionnaires are returned to the interviewers tablet to be corrected.

The R scripts are archived and delivered separately in the report Annex 4 - Script for automatic acceptance / rejection of questionnaires.

## 4.2. Control tables

The GAC2020 control tables are used for data processing-validation and to support the comparison with other data sources (e.g. GAC2010, ASA 2016, APIA) in the support of the INS staff for statistical production for the agriculture sector.

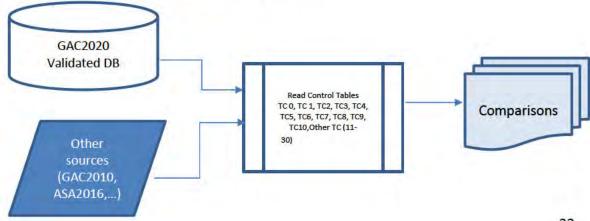
The control tables are prepared in the R programing language and allow to use all database variants/ versions, run whenever necessary for data extraction and aggregation in various combinations for analysis, corrections to be made and validation of results. Also, the resulting files are available in Excel-type files or usable with Excel. Ten control tables are provided as support to the INS GAC team under this output (see the table below). and a number of other tables were developed by INS team in Visual FoxPro.

Table 4 - Control Tables

Table Indicative	Tilte (short description)	Data Sources
TC 0	Number of database records - questionnaires on complete codes and counties	GAC2020
TC 1	Agricultural holdings, by legal status, by counties	GAC 2020
TC 2	Agricultural holdings, which use foreign-owned land, by counties	GAC 2020
TC 3	Agricultural holdings, by counties - comparisons	GAC 2020 Other sources
TC 4	Agricultural holdings, areas and livestock, by counties and localities (ATUs) and legal status	GAC 2020
TC 5	Agricultural holdings, areas and livestock, by counties and legal status	GAC 2020
TC 6	UAA by counties, total agricultural holdings comparisons	GAC 2020 Other sources
TC 7	UAA by counties, agricultural holdings without legal personality	GAC 2020 Other sources
TC 8	UAA by counties, agricultural holdings with legal personality	GAC 2020 Other sources
TC 9	UAA at RGA 2020 moment, for counties and localities within them – comparisons	GAC 2020 Other sources
TC 10	Location of agricultural areas according to the legal status of the holdings and by use categories	GAC 2020
TC 11-30	Other tables defined within the project and developed by INS team in Visual FoxPro	GAC 2020 Other sources

With the exception of TC 0 (see Annex 6 – Sample of data control tables), all other tables created in R by WB team are processed only for completeness code records. The flow of getting comparable data through control tables is presented below:

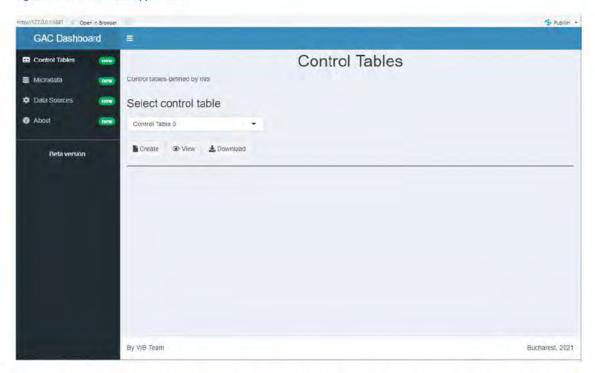
Figure 15 - Control tables flow for data comparison and data validation



The application for GAC2020 Control Tables is functional on the INS IT environment ("Analysis Server" - link <a href="http://xx.xx.xxxx/GAC">http://xx.xx.xxxx/GAC</a> Dashboard.

This is done in R and Shiny programing languages and RStudio. For the installation and configuration of the server was provided technical assistance and, also, for the basic applications (R and RStudio) on a Linux OS server. The Visual FoxPro application will be hosted on a distinct IT environment due to OS mentioned. Online information and support are available through CRAN (https://cran.r-project.org/web/packages/officer/index.html) for manipulation of Microsoft Word and Microsoft PowerPoint documents<sup>3</sup>.

Figure 16 - Control tables application



The guidelines for using the GAC dashboard application are recorded and available at <a href="https://worldbankgroup.webex.com/recordingservice/sites/worldbankgroup/recording/c1c546">https://worldbankgroup.webex.com/recordingservice/sites/worldbankgroup/recording/c1c546</a> ecd376103a83cf005056819aa3/playback. We recommend the download and reposits by INS.

The scripts prepared for Control Tables are archived and delivered separately in the report Annex 5 - Scripts of data control tables.

<sup>&</sup>lt;sup>3</sup> CRAN-R officer allows to "Access and manipulate 'Microsoft Word' and 'Microsoft PowerPoint' documents from R. The package focuses on tabular and graphical reporting from R; it also provides two functions that let users get document content into data objects. A set of functions lets add and remove images, tables and paragraphs of text in new or existing documents. The package does not require any installation of Microsoft products to be able to write Microsoft files"

## 5. Dissemination of the GAC results

Disseminating of the GAC results represents a part of the INS mission as official statistics producer. For dissemination, the INS and WB analyzed the possibility of a solution as an application - database interface to allow the INS staff to browse the GAC data, filter it based on territorial levels, and group it based on several layers. As a result, the WB team proposed and supported the development of a Shiny<sup>4</sup> web application based on the R programming language, allowing fast data integration, wrangling and reproducibility (see <a href="https://shiny.rstudio.com/">https://shiny.rstudio.com/</a>).

## 5.1. The description of the application

The main objective of the application is to quickly integrate the raw data (at record level/agriculture holding level) provided by GAC, to summarize key variables at the ATU level, to group the variables and allow fast exports to deliver in the case of data requests from INS or external data users.

The application has two modes of functioning. One is server-based, while the other is local. The key difference between the two modes of functioning is data availability and consistency. In the case of the server-based version, the application will run on a centrally maintained database/data source and will give the same output to all users. In addition, any changes made to the scripts will affect how the app delivers its outputs to all users. On the other hand, the local version allows the user to make changes locally, for data and scripts, but these changes will only affect the users' local copy of the application.

The application for GAC data dissemination is functional on the INS IT environment ("Analysis Server") - link <a href="http://xx.xx.xxx.xx/rga-diseminare/">http://xx.xx.xxx.xx/rga-diseminare/</a>.

We recommend that the application will only be run on a server part of INS IT environment as it will limit local changes biased by user intervention. The local version use should be limited to development purposes, and final changes should be pushed on the server version.

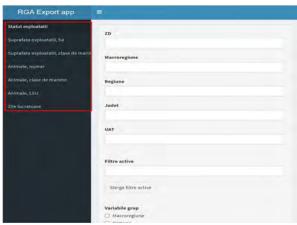
### 5.2. Structure of the dissemination application and main functions

The application is structured based on the key variables requested by indicators productions to cover: the legal status of agricultural exploitations, surface of agricultural lands (hectares and class size), number of animals (raw numbers, class size and LSU), and workdays.

24

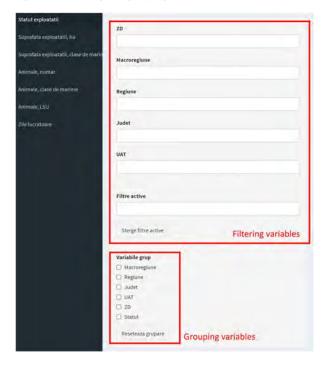
<sup>&</sup>lt;sup>4</sup> Shiny is an R package that makes it easy to build interactive web apps straight from R.

Figure 17 - Key variables of dissemination application



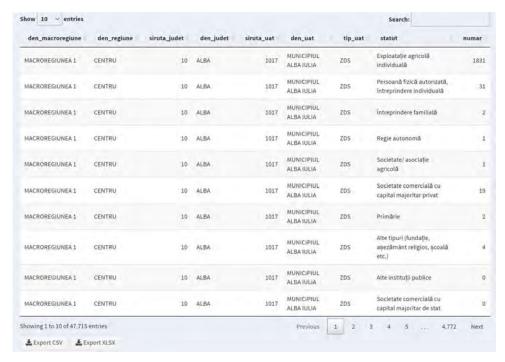
The application uses the same structure of filters based on Romania's territorial and administrative system and the disadvantaged areas criteria. The lowest territorial-administrative unit used is the municipality (the basic ATU). In addition, several grouping variables were used for each of the key variables to allow further drill-downs.

Figure 18 - Filtering and grouping the variables



The application's output is summed up in a dynamic table that allows for quick previewing of the data results and exports in CSV and Excel formats.

Figure 19 - Application data results format



## 5.3. Data inputs, outputs and flows

## Data inputs and calculations

The application uses the raw data sources provided from the GAC, which are reviewed in advance by INS team.

The data is read using the main first script (i.e. "00\_\*") provided. The data input is executed outside the application as the process is memory intensive and would make the application unstable or unresponsive. In addition, the server/computer on which the data import is run should have enough memory to finish the process (e.g. at least 24GB to also allow for other processes to be run in parallel).

After the data is imported, the second script (i.e. "01\_\*") imports the required territorial variables and attaches these variables to the interview level database that was already imported. Lastly, the third script (i.e., "02\_\*") calculates the INS's requested indicators according to their formulas and templates and summarizes the data at the municipality level, dropping the interview level details.

The resulting datasets are saved on to disk as in ".Rdata" format (R native data format) to allow for fast loading and optimum size on disk (i.e. gac\_app\_calculations.rdata).

Figure 20 - Diagram of data inputs and calculations for dissemination

#### File and data structure

The app is contained in one folder that is available on the INS analytics server (RGA Export app). Since it is self-contained, it can be easily migrated. The main application script is found in the file "app.R". The file "00\_data\_update.R" contains the scripts required for the first run and updates. The script also checks for the required R packages and installs these packages if these are not found. For the application's filtering section, a third party / non-CRAN package is used. This package is installed directly from Github via devtools in the same script. The folder "R\_scripts" contains all the scripts required to import the data, clean it, and summarize it at the municipality level. These are the scripts sourced by the "00 data update.R" file.

The initial version is missing the main raw data files to avoid data duplication on the server side. To update the data, the original data files are stored in the folder /original\_data/BD\_v2. If the actual paths are changed, the data paths should also be changed in the file "00\_data\_join.R". The main data file used by the application "gac\_app\_calculations.rdata" is stored in the /data folder, along with any additional files required by the app and imported/created by the "01\_DBs\_creation.R" script.

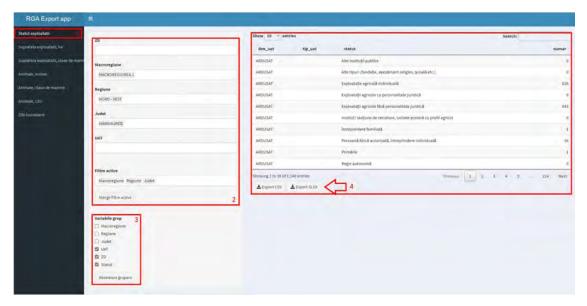
## 5.4. Use case and update procedure

According to the INS team, the main use case is for their team to be able to respond to data requests from third parties quickly. Hence, the main use case begins with an official data request. We recommend that this type of request be a standardized form to streamline the response and reduce the time for processing the requests.

Following the data request, the operator can select the variable that will be extracted, select the territorial levels included in the report, and the grouping variables that will be used. After the

application finishes the calculations, the operator can inspect the data table to check that it is correct and export it in the required format.

Figure 21 - Operator's data checks for indicators production



Updating the database used in the application is a very simple process. Again, the recommendation is that the changes are operated on the server version in an instance of the RStudio server to be consistent across all users. In this process, it is highly recommended that git should also be running on the application's folders to allow rollbacks in case of errors.

The first step in updating the data used is to push the data files to the /data/BD\_v2 folder. Second, the script "00\_data\_update.R" must be run. If the data is found in another folder, the appropriate modifications should be done in the script "00\_data\_join.R". In addition to the ".rdata" database used by the application, the data from each join process is stored in separate ".fst" files (a performant and efficient storage system, i.e. alt\_db.fst, id\_db.fst, fm\_db.fst, sa db.fst) in the /data folder. These can be used for further processing and reporting.

The guidelines for using the GAC dissemination application are recorded and available at <a href="https://worldbankgroup.webex.com/recordingservice/sites/worldbankgroup/recording/c1c546">https://worldbankgroup.webex.com/recordingservice/sites/worldbankgroup/recording/c1c546</a> <a href="https://worldbankgroup.webex.com/recordingservice/sites/worldbankgroup/recording/c1c546">https://worldbankgroup.webex.com/recordingservice/sites/worldbankgroup/recording/c1c546</a> <a href="https://worldbankgroup.webex.com/recordingservice/sites/worldbankgroup/recordingservic

The script of application is provided as archive to this report **Annex 7 - Script for GAC data dissemination**.

## 6. Technical support regarding GAC data processing

#### 6.1. Hardware and software requirements

#### Locally run versions of applications

While not recommended, the applications (GAC dissemination, Control Tables) can be run on any desktop computer running an R version and RStudio. Additionally, Windows and Linux versions of these software applications are all available on the CRAN and RStudio websites.

#### **Server-based versions**

For running the server-based version, the application requires a Linux server running a web server (e.g. Apache, Nginx), R-base, an Open-source version of Shiny Server and RStudio Server (mainly for maintenance and updates). Additional packages required for running the application are installed when running the initial script for the first time.

The current version of the applications are installed on the INS IT environment (on the "Analytics server") and are available only through the INS VPN.

The installation of R, Shiny, etc. wasnncompleted by the INS teams under the coordination and support provided by WB team through on-the-job training. The installation sessions have been organized on-site or remotely with the GAC team and IT team members participating in the sessions. A training session on GAC dissemination took place on June 21 2022 – the recording of training session is available and delivered to INS.

#### 6.2. Skills and operating requirements for sustainability

Short training sessions for operating the applications are provided by the WB team and are available recorded for further use of the INS staff.

As for the GAC data processing applications using specific statistical programming language R were recommended and prepared. It is however important and becomes mandatory that at the level of INS a department that deals with everything that means the R environment is established. The statistical offices that use these tools have a small unit within the IT department dedicated to R.

At the level of INS mixed teams of personnel with R programming development skills and statisticians on certain fields of interest (agriculture, social, economy, etc.) should be organized to further develop and implement R solutions and use them for statistical production.

The RStudio Server and Shiny Server could be installed for each user to use R regularly in their activity. The regular users of applications can take courses (as the ones proposed through the Multiannual Training Plan<sup>5</sup>) and together with the IT department could expand or improve the applications proposed.

For future surveys on agriculture the INS will apply or develop further the applications for monitoring, validation, automatic approvals/rejections, reports and dissemination considering that the workflow is very similar with the GAC2020. By that the scripts/dashboard and applications should be revised based on new metadata available for that specific survey.

<sup>&</sup>lt;sup>5</sup> Multiannual Training Plan for INS staff was prepared by WB team under Output 12 of same RAS Agreement and contains mandatory or specific IT courses for statisticians, including the one on R programming language.

#### **Annexes**

- Annex 1 GAC data collection information system As-built report
- Annex 2 Sample reports of daily monitoring
- Annex 3 Sample reports of census's staff activity
- Annex 4 Script for automatic acceptance / rejection of questionnaires
- Annex 5 Scripts of data control tables
- Annex 6 Sample of data control tables (TC no.0)
- Annex 7 Script for GAC data dissemination

# Annex 1 - GAC data collection information system — As-built report

The as-built report (see below the table of contents) is provided archived with this output.

Detailed configuration	
Load balancers configuration	
Basic system setup and NGINX installation	2
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High availability configuration	7
Security configuration	
Log collection configuration	
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## Annex 2 - Sample reports of daily monitoring

The sample of report(s) is provided archived with this report "Reports of daily monitoring"



# Annex 3 - Sample reports of census' staff activity

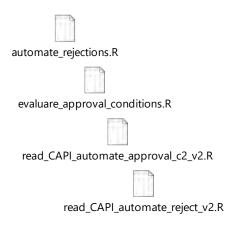
The sample of reports is provided in electronic format archived with this report "Reports of census staff activity".

The archive contains the following reports:

Table 1	Monitoring of data collection
Table 2	Monitoring of data collection by ATU, supervisors and enumerators
Table 3	Used Agriculture Area (UAA), cattle and pigs by ATU and county
Table 4	Report for payment of enumerators
Table 5	Report for payment of chief enumerators (supervisors)
Table 6	Report for payment of coordinator
Reporting package chief enumerator (zip)	Activity report of chief enumerator (descriptive) - accompanies the payment situation
Reporting package coordinator (zip)	Activity report of coordinator (descriptive) - accompanies the payment situation

## **Annex 4 - Script for automatic acceptance / rejection of questionnaires**

The script is provided R programing software and is archived with this report "Script for automatic acceptance /rejection of GAC questionnaires". The archive contains:



# **Annex 5 - Script of data control tables**

The tables are provided in R programing software and are archived with this report "Data Control Tables for GAC". The archive contains:

control_tables_tab.R
CreateCT0.R
CreateCT1.R
CreateCT2.R
CreateCT3.R
CreateCT4.R
CreateCT5.R
CreateCT6.R
CreateCT7.R
CreateCT8.R

CreateCT9.R

Annex 6 - Sample of data control tables (TC no. 0)

Control Tables INS\_WB 12/6/2021

## Control Table no.0 - Questionnaires on completeness codes, by counties

County Cod	County	Complete Interviews	Abolished due to non- review - Abandoned farm	Abolished due to non-review - Temporary farm without activity	Withdrawn for non-review - Interview denied	Abolished due to non-review - Other situations (unidentified farm, uncontacted, etc.)
1	Alba	75914	1821	476	14	346
2	Arad	56246	5775	686	45	902
3	Arges	146373	4294	479	69	1272
4	Bacau	115315	3867	1334	143	1663
5	Bihor	95046	3901	800	76	3530
6	Bistrita-Nasaud	62335	1711	92	21	558
7	Botosani	88480	3223	732	33	618
8	Brasov	32804	3151	453	106	1467
9	Braila	29857	1555	609	23	127
10	Buzau	86021	2974	648	54	959
11	Caras-Severin	43232	1435	525	66	465
12	Calarasi	41555	1476	1974	45	290
13	Cluj	87515	3135	555	153	797
14	Constanta	28495	3856	426	38	297
15	Covasna	31342	1684	147	31	217
16	Dambovita	115486	994	750	11	160
17	Dolj	117311	5493	1179	188	2849
18	Galati	75729	3719	1273	98	1187
19	Gorj	92094	2701	956	228	5277
20	Giurgiu	39566	1838	319	95	1769
21	Harghita	67876	2020	796	50	446
22	Hunedoara	52459	4276	470	61	1444

County Cod	County	Complete Interviews	Abolished due to non- review - Abandoned farm	Abolished due to non-review - Temporary farm without activity	Withdrawn for non-review - Interview denied	Abolished due to non-review - Other situations (unidentified farm, uncontacted, etc.)
23	lalomita	37915	1754	606	51	577
24	lasi	103569	8711	1649	286	3057
25	Ilfov	20019	3226	138	64	1000
26	Maramures	96158	6019	486	143	1656
27	Mehedinti	63291	2212	389	131	424
28	Mures	83186	2114	297	23	223
29	Neamt	97126	5428	1315	71	1106
30	Olt	94310	2135	470	72	823
31	Prahova	121733	1747	528	62	579
32	Satu Mare	53759	3049	1022	69	852
33	Salaj	54452	2966	710	27	2137
34	Sibiu	42420	4224	918	101	1343
35	Suceava	147702	1879	343	90	1151
36	Teleorman	52287	3951	1248	160	2114
37	Timis	57851	3309	1036	173	947
38	Tulcea	31012	1356	1128	99	1978
39	Vaslui	104089	828	58	38	234
40	Valcea	78089	3209	5697	23	1691
51	Vrancea	87047	4269	325	61	1481
52	Municipiul Bucuresti	565	176	35	5	117
NA	NA	1	2153	147	73	838
	TOTAL	3007632	129614	34224	3470	50968

# **Annex 7 - Script for GAC data dissemination**

The script is provided archived with this report "Script for GAC data dissemination".

















## **ROMANIA**

Reimbursable Advisory Services Agreement on Romania Capacity Building for Statistics (P167217)

## **OUTPUT No. 14**

(ii) Report on advisory services provided to Recipient on piloting of the GAC IT application with report and assistance, and advice on best practices and guidance for the maintenance processes and actions of IT system during the go-live production

June 2022

Revised version July 2022



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## **List of Acronyms**

ASA Structural survey in agriculture API Application Programing Interface

APIA Agency for Interventions and Payments in Agriculture

CAPI Computer-assisted personal interview
CAWI Internet-computer-assisted web interview

DPS Data Processing and Storage
DTS Territorial Statistics Directorates

EC European Commission
ESS European Statistical System

EU European Union

EUINSPIRE Infrastructure for Spatial Information in the European Community

GAC2020 General Agricultural Census, round 2020 GEOLOC Geographical Location Software Application

GIS Geographical Information System
GPS The Global Positioning System
INS National Institute of Statistics
IT Information technology

LSU Livestock Unit

MADR Ministry of Agriculture and Rural Development

MAI Ministry of Internal Affairs MDC Mobile Data Collection

PHC21 Population and Housing Census in Romania in 2021

RAS Reimbursable Advisory Services
STS Special Telecommunication Service

SuSo Survey Solutions

UAA Utilized Agricultural Area
UAT Administrative Territorial Units

UN United Nations

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## Introduction

The purpose of this report is to present the piloting process for the GAC2020 in the context of preparing the census for roll-out and production stage in 2021 (May-July), based on the European and national legal framework for the 2020 round of the agricultural censuses of the member states and based on the Survey Solutions System. This is part of the deliverables under the Reimbursable Advisory Services (RAS) Agreement on *Romania Capacity Building for Statistics (P167217)*. The project is implemented by the National Institute of Statistics (INS) with support from the World Bank.

This report is direct related with report delivered as Output 2a<sup>1</sup> under same Project and was prepared following discussions with management and staff from the INS, including the President and those who are principal actors in the organization and implementation of the 2020 round of census.

The purpose of piloting the GAC was to verify, on a lower scale, the institutional, organizational and logistics set-up and observe the potential miss-functionalities or shortcomings of the entire process, in order provide recommendations for improvement, fixing or for maintenance during the go-live production of census. The piloting process was driven by the four characteristics of GAC2020, which require optimized instruments, respectively: i) a fully electronic data collection; ii) fully georeferenced data collected; iii) continuous quality management applied at each stage of the data collection process; iv) the full population of agricultural holdings covered, according to the specificities of the Romanian agricultural sector.

The need for a GAC piloting process was driven by the objective of the actual census, namely to collect and provide quality and comprehensive information in an internationally comparable way for around 300 variables concerning the number of farms, area of land used for agriculture, numbers and characteristics of persons carrying out agricultural activities, numbers and characteristics of animals, rural development, etc., The GAC2020 is the largest statistical operation conducted by the INS for collecting, processing and disseminating data on the structure of the Romanian agricultural sector.

This document has five sections. The first section provides an overview of the GAC piloting process in the view of the institutional arrangements, organizational aspects and expected data collection and specific variables.

The second section describes the activities designed for the pilot and presents its limitations together with the GAC IT infrastructure (hardware and software) put in place. The detailed description of the specific set-up for the software operation systems and applications is presented in the annexes (section five) for eventual further application.

Section three is a comprehensive summary of the results of the GAC pilot, comparing the recommendations provided in Output 2a and the lessons from the implementation of the pilot. The assessment of the achievements and shortcomings formed the basis for the recommendations for actual GAC go-live production, described in section four, which covers the revised and adjusted workflow, the IT infrastructure for a smooth data collection process (servers and operation systems, tablets setup and configuration, technical call center), the training and the promotion and communication components for the actual General Agriculture Census.

Section five consists in annexes presenting the detailed configuration and the maintenance procedures of GAC IT environment for actual census.

<sup>&</sup>lt;sup>1</sup>Output 2a - Report on advisory services provided to Recipient on the proposed solution for the modernization of the GAC2020 data collection, 2020 September

## 1. The context for the GAC 2020 pilot

The agricultural census is the only data collection instrument that produces statistical information on the structure of all agricultural holdings. To obtain data on the population of all agricultural holdings of Romania the GAC2020 had thus to cover the whole farming sector. The pilot for the GAC was organized based on decisions of the Central Commission for the GAC and in line with the provisions of Government Emergency Ordinance (GEO) 22/2020 regarding the organization and implementation of the GAC. The period of organizing the pilot data collection for GAC was 12 – 23 October 2020.

The preparation and piloting of the GAC aimed to follow the recommendations presented in report Output 2a, however the focus was on testing the CAPI process and the functioning of the IT system. An activity plan for the pilot was developed and applied, having in mind that it was important for the pilot to be carried out (almost) the same way as an actual census 2.

The purpose of the GAC2020 pilot was to test the environment for the census and identify issues that were not working properly so that timely remedial action could be taken. For example, it was recommended to test the questions in terms of clarity of wording and instructions for answers, the data collection through the questionnaire, using as many types of farms as possible, the time required to complete the questionnaire, etc..

The pilot census did not produce usable and disseminable data, the focus was on the process and the analysis of the errors in the collected data to identify and remedy problems.

In this context, the GAC2020 pilot census considered testing the following steps:

- a) Organization of the GAC2020
  - Roles of the census and supplementary staff
  - The flow of activities between headquarters and territory
  - Staff training
  - How to use the tablets
  - The reaction of the population
- b) Data collection and transmission, processing and storage
  - Pre-loading the identification data in the questionnaire
  - Structure and content of databases
  - How the tablets work
  - Use of paradata
  - Troubleshooting
- c) Integrated IT infrastructure operation, dedicated to both GAC2020 and PHC2021
  - Application operation
  - Evaluation of the necessary IT resources

For the preparation, organization and oversight of the GAC2020 pilot, the following main activities were carried out:

- Setting-up the methodology for organizing the pilot census and sectoring the territory
- Selecting the agricultural holdings where the test census was carried out
- Designing the electronic questionnaire for data collection (CAPI)
- Preparation of instruments for staff training
- Staff training statisticians and enumerators
- Organization of activities at local level (census commissions and secretaries in counties and census commissions in UATs)

<sup>&</sup>lt;sup>2</sup> Since this is the only pilot, it is highly recommended to not deviate too much from the actual census process.

- Preparing the IT system for the test
- Preparing tablets SoSu installation, loading questionnaire, defining users and passwords
- Defining the messages and how to promote the pilot census, including notification of selected agricultural holdings
- Data collection
- Verification of completeness of records and validation of data
- Assess the IT infrastructure and the extent to which it has met the demands
- Analysis of test results and identification of areas for improvement
- Proposals to remedy the malfunctions.

The following chapters are detailing the main topics presented above.

#### 1.1. Institutional arrangements

In brief the institutions involved in piloting the GAC were INS, MADR, MAI, STS and they followed the mandates described in the primary and secondary legislation dedicated to the GAC preparation and implementation.

The INS (headquarter and DTS) was involved in the pilot process by covering and implementing the activities related to data collection preparation, sectorization, selecting observation units and testing the Survey Solution functionalities customized for GAC data collection.

The STS provided and hosted the IT infrastructure, supported the installation and configuration of it, provided tablets, and communication, cyber security testing and validation for GAC.

The MADR provided the administrative data sources from APIA uploaded into the electronic questionnaires. The MAI provided organisational support through the census commissions at county and UAT level.

Advisory services for the Survey Solution implementation and configuration, the transformation of the questionnaires in electronic ones, the testing and monitoring of the GAC pilot were provided to INS by the World Bank.

#### 1.2. Organizational aspects

According to the EU Regulation 2018/1091, Romania has to ensure the minimum degree of coverage for UAA or LSU, using a sample of at least 10% of the number of agricultural holdings remaining outside the framework. However, the member states can exhaustively research agricultural holdings outside the framework, i.e. located below the thresholds specified by Regulation 2018/1091, from the needs arising for certain characteristics of national interest. According to the conclusion based on the advantages and disadvantages presented in Output 2a the General Agricultural Census 2020 would be carried out exhaustively (from all observation units in Romania) for the basic structural features and modules.

The pilot census approach was the following:

- a) a full enumeration and geo-referencing of the pilot regions/sectors.
  - o after the segmentation a sample of holdings from all regions/counties were selected for the pilot census.
  - o the selected holdings had a similar distribution of the census units as it was expected in the main census.

- o the organizational structure at the national and the territorial level was the same as in the main census (i.e. communications & user support, IT support etc.)
- b) the pilot frame must be a representative replica of the actual census frame with respect to the final census units, thus including:
  - o agricultural holdings with legal personality (including APIA holdings)
  - o agricultural holdings without legal personality (including APIA holdings)

About 4,500 agricultural holdings (farms) participated in the pilot census, selected from about 150 UATs from all 42 counties of the country (including Bucharest municipality), in different geographical areas, according to a series of criteria that would allow a first check as complex as possible of the organization and stages of the development of the census statistical tools.

For each county agricultural holdings with and without legal personality were selected, located in the neighboring locality to the county capital as much as possible, so as to cover a wide range of types of farms that use agricultural land and/or keep livestock. However, due to pandemic context, the distribution of selected holdings was not quite similar with the actual census, but an equal number of units was selected from each county.

Each county technical secretariat received information about the selected UATs and farms at county level.

#### 1.3. Coverage and variables

The questionnaire prepared for the GAC pilot covered 295 variables compared with the maximum recommended 300 (common variables for all EU member states), which should be collected for the EU Regulation<sup>3</sup> purposes by the GAC 2020 (variables which were not significant for Romania's agriculture were not covered).

The categories of variables used during pilot were the core structural data (general variables; variables of land; variables livestock) - 180 variables; module data: labor force and other gainful activities (30 variables); rural development (15 variables); animal housing and manure management (70 variables).

A number of supplementary variables were added to those requested by EU Regulation, for national purposes.

For data that must be provided to the Eurostat, the GIS coordinates of the holding had to be allocated using "the cell code of the INSPIRE statistical units' grid for pan-European usage"4. The pilot allowed INS, to verify the different Address Canvassing and Sectorization strategies, since the GAC2020 census most likely will not use any administrative segmentation or an area frame, but geo-graphic coordinates derived from data collection, an internal address database or any other source. To test the recommended strategies, ground verification was important and to also consider areas with different geo-graphical structure.

<sup>&</sup>lt;sup>3</sup> Most of these variables are included in the EC-provided list and subsequent descriptions (Regulation 2018/1091 Annex III).

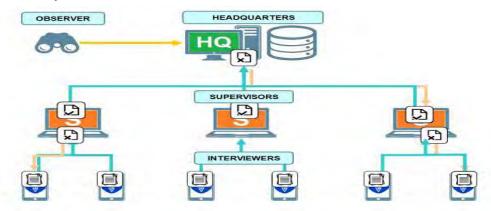
<sup>&</sup>lt;sup>4</sup> This refers to 1x1 km grid where the farm is located and will be used only for transmission process. However, the EC Commission Implementing Regulation 2018/1874 states that "for data dissemination purposes, in addition to the normal disclosure control mechanisms for tabular data, the 1 km grid will be used only if there are more than 10 agricultural holdings in the grid; failing that, nested 5 km, 10 km or larger grids will be used as required."

## 2. Components of the piloting process for GAC2020

The combination proposed for GAC2020 in Romania includes a digital questionnaire and face-to-face interviewing, the CAPI data collection method. The GAC pilot was conducted by INS (headquarters) with the support of DTS in 42 counties during 12 days with a total number of 84 enumerators using tablets for data collection and 42 supervisors using PCs (laptops).

The CAPI field work structure applied during GAC pilot was on the conventional Survey Solutions configuration, Figure 1 below.

Figure 1- CAPI field work structure



Source: Authors (Output 2.a)

#### 2.1. Activities of the pilot

The piloting process, including here the preparatory, running and processing the data components of the questionnaires, followed a set of activities planned during August – October 2020, as they are presented further.

The following special conditions were considered for the preparation of the GAC2020 pilot census:

- a) the restrictive conditions and protection measures imposed by the evolution of the COVID-19 pandemic
- b) the draft decision of the Romanian Government regarding the budget and the categories of expenses for GAC2020; as the decision was approved in December 2020, after the pilot census moment the data collection was done with DTS staff exclusively.
- c) the framing of the pilot between two electoral periods of national importance in which the staff of the INS and of the territorial statistical directorates were engaged.

#### 2.1.1. Selection of the pilot regions

The statement of objectives was defined by specifying the information needs and pilot targets recommendations and this component included:

- Definition of the target regions for the census (i.e. which territorial offices/ATU) based on the latest available agricultural data (i.e. farm structure survey).

- Definition of the pilot population size based on statistically valid sample sizes/designs, to address all pilot requirements, including testing of the IT infrastructure.
- Informing participating territorial offices and requesting farm registers<sup>5</sup> for the selected ATU.
- Data cleaning & quality assessment of retrieved data.
- Defining the pilot population based on the available sampling frames (i.e. APIA and farm register from counties).
- Other administrative sources, if available
- Pilot census preparation in counties from an administrative and organizational point of view

As for clarifying the process, several aspects were adjusted: a simple selection of holdings taking into account economic size, typology and geographical criteria (as grouped as possible - due to restrictions of traveling and human resources) was used. The selection of the holdings to be enumerated during pilot census was finalized by INS.

To define the pilot population the farm register placed at INS headquarter was used, and the APIA holding list and the administrative register were used for defining the holdings surveyed in the actual census.

All the counties /territorial offices were involved in the pilot and all local census commisions were informed.

The specifications and requests related to the system's architecture for the pilot were provided by the World Bank to STS, who agreed and confirmed aspects related to IT infrastructure for GAC (and PHC) pilots, and that the pilots would not be conducted on the same infrastructure as the actual census (according to information available in 2020).

#### 2.1.2. Address Canvassing & Sectorization

This component included:

- the frame data address information connected to data base of geographic coordinates (i.e. APIA or other)
- the segmentation of units into comparable sized enumeration areas to maintain similar workloads<sup>6</sup> with available geographic coordinates and/or topology information.

Several aspects were clarified during the piloting process, including that all units required location information (GPS when segmentation was done by geographic location, otherwise segmentation could only be done by using administrative boundaries), respectively that the location (geographical) information would be covered by data collection and complementary information from the APIA database and GeoLoc2 database for all holdings.

#### 2.1.3. Resource planning & preparation

This component consisted in:

- Staff selection at national (i.e. IT support, census hotline) and territorial office (i.e. local support) and development of training programs;
- Time period (if possible similar to the census period, but at least 5/7 days in a row)
- Number of tablets required (same technical specifications tablets as for main census)

<sup>&</sup>lt;sup>5</sup> Testing of the AC&S is a crucial element of this pilot

<sup>&</sup>lt;sup>6</sup> May include other segmentation criteria

The pilot should contain all elements of the actual census, the whole support infrastructure, including staff and attributions based on their roles, to use and apply the functionalities of the system. INS and DTS hired additional staff under national law, but some delays in approving the GAC budget legislation led to the impossibility of hiring enumerators and chief enumerators (supervisors) for the GAC pilot. Thus, the pilot was limited to data collection and checks of the tools available for it. The content related training programs were developed and conducted by INS, and the application related training was developed by the Work Bank and INS teams and conducted by INS (e.g: tutorials on Survey Solutions, other training aspects).

Since the Decision of the Romanian Government regarding the budget and the categories of expenses for GAC2020, as well as the establishment of the measures regarding the implementation of some provisions from GEO no. 22/2020, was not approved before October 2020, this had a number of consequences on the organization of GAC2020 pilot census and several reorganization measures were imposed, as follows:

- the staff of the territorial statistical directorates was used for data collection
- the roles of chief enumerator (supervisor) and coordinator was tested with the help of staff from the territorial statistical directorates
- the messages and measures to promote the pilot census, including the notification of the selected agricultural holdings, was be carried out by MADR in collaboration with the INS taking into account the available financial resources

The number of IT tablets used for the pilot was obviously smaller than for the actual census and the technical specifications similar not identical - in fact tablets to use for actual census will include models used for pilot but also other models bought later in 2020/2021.

#### 2.1.4. Sample creation

This component consisted in the following:

- Selection of final segments selection and complete coverage of whole segments was recommended
- For verification purposes of the AC&S strategies, complete basic information is required for a certain number of segments.
- Final definition of required domains (if different to first step, adjustment of sample size).
- Creation of strata based on segment data mostly from geo-spatial resources and possibly coverage information.
- Selection of final segments.

For the sample creation an approach which should be a full replication of the actual census and should reflect as much as possible the true situation on the ground and avoid purposeful selection of holdings (not recommended) was considered. Nevertheless, sampling and grossing-up was not applicable for the pilot or for actual census considering a full enumeration will be applied (no sampling needed). An equal number of sectors were tested in every county. In support of this approach was the fact that the pilot of GAC was a test from the point of view of the proper functioning of the IT applications, the hard infrastructure, the verification of human capabilities – field personal, INS and DTS staff, the final database, etc. - the value of the harvested indicators was not followed, i.e. it did not matter how much wheat or corn was obtained after the pilot survey.

#### 2.1.5. Questionnaire design and quality control

The steps considered were:

- Final in-house test of questionnaire application(s) on the same tablets as used in the census with focus on the required balance between data quality and efficiency.
- Finalization of CAPI questionnaire.
- Preparation of pre-filling information, including administrative resources.
- Creation of training and support materials (i.e. instruction videos, interviewer/supervisor training materials).
- Creation of different questionnaire versions for testing purposes (i.e. should be reflected in sample size considerations).

The clarification of this phase considered the pre-filling process which required a feasibility analysis phase, with advantages and disadvantages, taking into account the national specifics of the agricultural land fragmentation. Supplementary, the available pre-filling information (i.e. information from the APIA database) was assessed on its quality and usefulness in order decide on what was going to be used.

In terms of the application related materials, they were prepared by the World Bank, either for inperson training or for remote training, depending on the pandemic evolution.

#### 2.1.6. IT and tablet set-up

This component included:

- Creation of data collection server & data processing infrastructure.
- Development of support materials (i.e. tablet set-up instructions, local support manuals).
- Defining the different roles of the staff in management of the questionnaires, control and corrections.
- Basic IT infrastructure functionality tests.
- Management of the tablets at the county level.

All application and technical documentation were provided by the World Bank based on Survey Solution specifics for using in GAC and installed on the hardware infrastructure (servers and tablets) and communication of STS. (see also item 2.3)

#### 2.1.7. Data collection

This component included:

- Training of field staff.
- Distribution of workload to teams (decentralized) or to individual enumerators (centralized).
- Synchronization test.
- Contact attempts.
- Collection of additional paradata (incl. geo-spatial).
- Close supervision of the whole data collection process.
- Full application of quality control and support infrastructure.

The training was carried out between October 7-8, 2020, in a webex system. The staff from INS and DTS involved in RGA activities participated. The training addressed organizational issues, issues related to the configuration of tablets and the use of the Survey Solutions (SuSo), methodological issues and completion of the electronic questionnaire.

The following were also sent to DTSs:

- Instructions for setting up tablets and installing Survey Solutions (SuSo)

- The enumerator's manual
- Video instructions for using the Lenovo tablet by the reviewer and the GAC questionnaire in SuSo

#### 2.1.8. Documentation

This component was targeted for the intended audience (management; Government; technical staff; education/NGO; Eurostat/ESS) and considered:

- Different pilot part of reports (i.e. Questionnaire, IT, interview process);
- Instruction manuals (e.g., usefulness for field staff and statisticians);
- Assessment of IT infrastructure;
- Assessment of all support infrastructure;
- Feedback from field staff;
- Final Specifications for systems programs;
- Recommendations for main census staff.

## 2.2. The GAC pilot IT infrastructure (hardware and software) set-up

The infrastructure for the GAC pilot was provided and hosted by the STS in terms of data collection using the CAPI method. The statistical production and monitoring processes were supported by the World Bank. The pilot environment is presented in Figure 2, below.

Figure 2 - GAC pilot environment



The configuration of the IT infrastructure and the installation of applications were performed by specialized experts under some constrains related to the Romanian regulations protected by the STS procedures:

- Only persons with a proper clearance level issued by the Romanian authorities were authorized to access hosted STS environments.
- Accesses through Internet to pilot frontends were possible only from locations inside the Romanian territory.

No particular risks were identified. Still, security best practices were followed in the installation process and updates were applied to the latest version of the installed components. The overall systems passed the STS verification, with the only mention to protect the web access to the applications by implementing a defence mechanism, in this case a captcha component – and for this purpose Google Re-Captcha was used.

#### 2.2.1. GAC pilot IT hardware

The GAC pilot was run on virtual machines provided by the STS in the specifications proposed by the World Bank as required resources for appropriate functioning of Survey Solution – see Table 1, below.

Table 1 - GAC IT environment specifications

Virtual Machine	vCPUs	RAM	Disk Space	
INS-STS-LB	4	8GB	25GB	
INS-STS-GAC	32	16GB	500GB	
INS-STS-LT	16	48GB	50GB	

The GAC pilot environment consisted of a single Windows 2019 virtual machine with both Survey Solutions and PostgreSQL 12 installed. It exposed a web interface on port 9700 to the load balancer for requests to <a href="https://rga.insse.ro">https://rga.insse.ro</a> and communicated internally with the database on standard port 5432. The Windows Server 2019 license used was a trial one, a situation which had to be changed for the actual census to a perpetual license.

#### 2.2.2. Implemented solution summary

The GAC pilot environment was built on a virtual server, following recommendations from the World Bank Survey Solutions - <a href="https://support.mysurvey.solutions/faq/server-requirements">https://support.mysurvey.solutions/faq/server-requirements</a>.

All end-user access to the systems interfaces were made via the web. INS-STS-LB virtual server served as the main load-balancer where requests were directed to respective system (GAC Headquarters application) or balanced within different system (e.g. PHC Headquarters application) in order to support high load.

The virtual machine (INS-STS-GAC) served as a functional testing environment for the GAC. The virtual machine was provisioned with a Survey Solution Headquarters application instance and a PostgreSQL 12 database.

#### 2.2.3. Load balancer

The Load Balancer component on the INS-STS-LB was based on NGINX 1.18.0 installed on a CentOS Linux release 7.8.2003 system. The NGINX software was built from the source in order to include some non-standard modules including sticky\_module and http\_stub\_status. The source was the open-source version of NGINX (https://nginx.org/en/).

Three configuration sections were dedicated for each web front-end within the two environments: rga.insse.ro (used for accessing Survey Solutions Headquarters application for RGA) and recensaminte.insse.ro (used for accessing Survey Solutions Headquarters application for RPL), rpl.insse.ro (used for accessing Self-Registration Portal for RPL)

All the configurations used HTTP to HTTPS redirect in order to enable only secured connections. Web Server SSL certificates were installed using CertBot Let's Encrypt client. Automatic renewal was enabled as long as Let's Encrypt Servers were able to reach web front-end addresses.

For monitoring purposes, the http\_stub\_status module was activated in order to allow publishing metrics to monitoring systems. Also, for monitoring purposes, a node-exporter application was installed in order to export metrics related to system itself.

#### 2.2.4. Survey Solutions web application

The Survey Solution application was provided by the World Bank. The application was installed on one node with Windows Server 2019 Version 1809.

The application instance was configured to respond to http requests on port 9700. The application instance was connecting to the "SurveySolutions" database on same INS-STS-GAC virtual machine on default port 5432.

Other communications needed by the applications required connection in order to:

- Connect via Internet to Survey Solutions Designer service
- Connect to Google Re-Captcha service for user authentications
- Connect to Google JavaScript Map API

The Survey Solution application was installed from the World Bank Survey Solutions web page. A description of the Survey Solutions versions features can be found at <a href="https://support.mysurvey.solutions/release-notes">https://support.mysurvey.solutions/release-notes</a>.

#### 2.2.5. Load Testing Docker environment

The load testing environment was hosted by the INS-STS-LT machine having CentOS Linux release 7.8.2003 system, where Docker was installed from the official Docker repository corresponding to the operating system version.

The load testing environment was cloned from Github's Survey Solutions official "loadtest" project - <a href="https://github.com/surveysolutions/loadtest">https://github.com/surveysolutions/loadtest</a> managed by the World Bank. It consisted of four components which were deployed in the same containerized virtual network:

- Grafana, which served as a Monitoring dashboard
- InfluxDB, which served as a database for recording monitoring events
- Prometheus, which was the main events collector, gathering event data from agents deployed on virtual machines or containers
- K6 tool, which was the customizable performance tool able to generate virtual users and requests to the systems being monitored

#### 2.2.6. **Monitoring solution – Prometheus**

Prometheus was deployed on a container node within Docker environment. It was exposed on port 9090 on the container node, which was also mapped on INS-STS-LT machine 9090 port.

Prometheus was configured in order to gather information from different targets:

- Linux systems metrics (CPU, Memory, Disk usage) from hosts INS-STS-LB and INS-STS-LT using node-exporter agent installed on those machines which exports metrics on port 9100
- Windows systems metrics (CPU, Memory, Disk usage) from host INS-STS-GAC using winexporter agent installed on those machines which exports metrics on port 9182
- Specific load balancer metrics for NGINX captured form NGINX's http\_stub\_status module and published by INS-STS-LT machine on port 9133

• Specific Survey Solutions application nodes metrics exposed by the application on same 9700 port on "/metrics" path.

#### 2.2.6.1. **Monitoring dashboard – Grafana and InfluxDB**

Grafana was deployed on the same container node used for monitoring, in the same virtual container network. It used InfluxDB for metrics data recording. Another node had InfluxDB deployed.

Within the scope of this project, two dashboards were customized in order to reflect required capabilities to monitor. The two dashboards are depicted here:



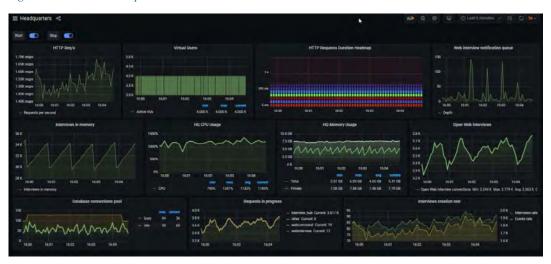
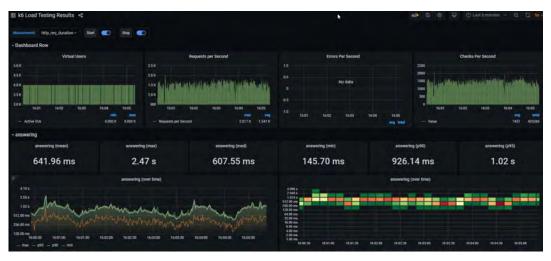


Figure 4 - Load testing dashboard



Grafana was exposed on port 3000 which was mapped to port 80 of Docker host and connected on port 9090 on the Prometheus node, which was defined as data source for the Grafana dashboards and exposed those dashboards on a rich featured visualization space.

#### 2.2.6.2. **K6 load testing solution**

Load testing scripts were composed using K6 tool which enabled composing java scripts to be used exclusively for load testing. Load test script was executed within the Docker container environment. More details about the script can be found at <a href="https://github.com/surveysolutions/loadtest#load-test-script">https://github.com/surveysolutions/loadtest#load-test-script</a>.

#### 2.2.7. Solution detailed configuration

The detailed configuration of the GAC environment is presented in **Annex 1**, covering the load balancing installation log, the data base installation log, and the Survey Solution installation log.

## 2.2.8. Maintenance procedures for the GAC environment

In order to maintain a functional testing environment for GAC, some relevant procedures are required. Those procedures consist in:

- Initializing the environment
- Patching and updating the World Bank software when functional issues are addressed in the source code
- Monitoring the environment

Detailed instructions are presented in Annex 2.

In order to be able to run those procedures, a VPN connection is required to the GAC environment, hosted by STS.

## 3. Results of the GAC pilot

The piloting of the GAC was affected by the pandemic situation in Romania. In order avoid the infections, a limited number of persons were involved in the process, effectively using the tablets and proceeding to the enumeration process in the field.

Given that, as of 1 October 2020, the number of cases of Sars-CoV-2 virus infection in the country increased significantly, after consultation with representatives of the territorial statistical directorates, the following decisions were taken:

- the sample size and the way of data collection were adapted according to the situation generated by the infection rate of Sars-Cov2 at the level of each county, including in the localities selected for the pilot census.
- GIS coordinates have been collected, where possible, by traveling to the premises/registration
  place of the agricultural holding, without direct contact between the enumerator and
  representatives of the agricultural holding.

The pandemic evolution in Romania restrained the pilot CAPI data collection to 3,736 exploitations effectively enumerated, from a total of 4,615 included in the pilot frame. The questionnaires collected were 3,736; completed 3,736, validated 3,736, 879 nonresponse (unidentified, uncontacted etc). Given these, a comparative situation of the implemented actions between the ones described in Output 2a and the pilot offered the big picture and mandatory actions for the actual census – see Table 2.

Table 2 - Comparative GAC designed process vs actions implemented

Recommendation	Pilot implementing (integral/partial/not)	Observations/Context regarding pilot
CAPI approach	integral	Limited to a sample of farms
Survey Solution structure for data collection	integral	The SuSo was used only for enumerator and HQ roles; the role of Supervisor was tested on PC,  The observer role was not set in the field for the pilot (it is an optional role)
IT and data infrastructure	partial	At the time of GAC pilot, the IT infrastructure was under the process of procurement documentation development and was not in place for pilot. Trial Windows Server 2019 licenses were used.
Hardware (servers, tablets)	partial	The IT infrastructure used was the one provided by STS for data collection with specifications set for a piloting process (RAM, Storage, CPU, etc.), including the tablets; specific for pilot was the use of PCs (personal computers/laptops) by the supervisors, instead of tablets, as will be the case for actual GAC.
Software	partial	The Survey Solutions and GAC questionnaire were used; monitoring dashboard and database

Recommendation	Pilot implementing (integral/partial/not)	Observations/Context regarding pilot	
		for production were used in a hosting mode by the World Bank with no access for INS staff;	
Operating systems	integral	The installation and configuration process were integrally defined and applied for GAC.	
Database management systems	partial	Database for production was used in a hosting mode by the World Bank with no access for INS staff;	
Applications for data collection	integral	Survey Solution designed for GAC pilot and Questionnaire were used	
GIS including mobile GIS	Yes	The feature was used during the pilot, GPS coordinates were collected for some farms. The collection was made at home to the head of the agricultural holding	
Navigation applications	Not	The feature was not used during the pilot	
Workforce management	Not	The workforce management was not run during pilot (timesheets, reports of work completion and payment); data from SuSo is exported regarding the workforce management;	
Operations management	partial	The roles of Observer were not applied during pilot	
Time and expense reporting	partial	The reports are designed but a specific application is not considered and designed fo GAC; data from SuSo is exported regarding the time reporting	
Location tracking/monitoring for operational efficiency.	Not	The feature was not used during the pilot	
Data transmission	partial	Components of data transmission were not in place for pilot	
Mobile Data Collection (MDC)	Integral (partial)	For the pilot were used 1000 tablets; Online data transmission / reliable internet and Offline capability were tested	
Data processing partial and storage (DPS)		Database for production was used in a hostin mode by the World Bank with no access for IN staff;	
Technical Call Centre	Not	A dedicated center was not set-up and used during the pilot	
Plot location	Not	The feature was not used during the pilot	
Management and governance structure	partial	A limited number of management structure was piloted	

Recommendation	Pilot implementing (integral/partial/not)	Observations/Context regarding pilot
Central management structure	partial	INS played the role of HQ, but no Observer in place; MADR not involved in pilot data collection
Territorial management structure	partial	DTS played the role in the territory, but no other (coordinator) was in place;
Human resources	partial	Three out of four roles have been allocated for pilot
Applied roles and responsibilities of census staff	partial	Only three roles were applied (enumerator, supervisor and headquarter)
Training of census staff	partial	Training was provided by INS using tutorials of Survey Solutions, but not for all features or functionalities;
Promotion and communications	Partial	Information materials have been posted on the INS website, DTS, leaflets were made, also posted in some agricultural shows it was mentioned about conducting the sample census
Promotion campaign	Not	The promotion campaign was limited due to small scare of pilot and the lack of budgetary resources.
Call Center for respondents	Not	The call center was not active for the scale of pilot;

As the scope of pilot was to replicate at small scale the actual census, and mainly to test the CAPI data collection model using Survey Solution and questionnaire developed for GAC, it can be considered that the achievements led to the recommendations for improvements or changes at the level of preparing and implementing the process for the 2021 go-live process.

The recommendations are presented in section four of this report.

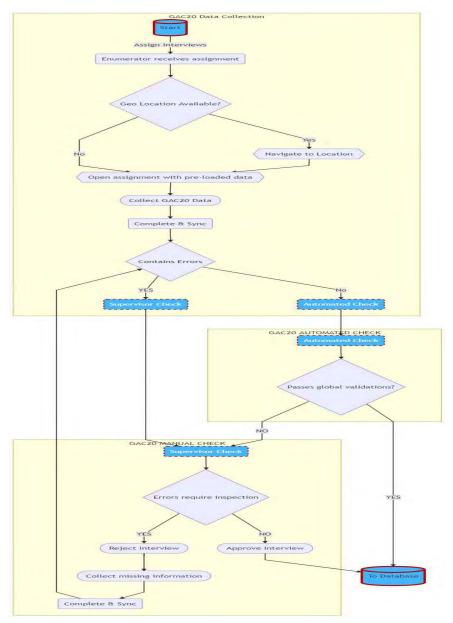
## 4. Recommendations for the GAC go-live production (2021)

#### 4.1. Go-live GAC workflow

The pilot tested the CAPI data collection process and the roles attributed in Survey Solution, and exposed the limitations and shortcomings and the need for clarification and mapping with the legal framework in place (GEO22/2020) for the enumerators, chief enumerators, coordinators, staff of DTS and staff of INS (headquarter) from a management perspective, as well as the attributions for the operational process of validation and control.

As the CAPI data collection method is to be used for the actual GAC, the workflow set-up is described in Figure 5 and it provides the inputs for updating and configuring the application used for it.

Figure 5 - GAC workflow



The workflow defines the entire process with impact on the distribution of the roles and responsibilities, tasks, data checks and verification, workflow management and operations management, time and expense management and census staff training delivery.

The roles are to be enabled in the configuration of enumerator -chief enumerator (supervisor) – coordinator (observer) – headquarter, respectively as it is stated in GEO22/2020 and described as a functionality of the Survey Solution in Figure 1. This setting solves the workforce management, the operations management and the time and expense reporting. The data collection is to be performed by using tablets either by the enumerator or by the chief enumerator (supervisor) and specific training will be in place for all users.

The actual census will be effective if the management and governance structure will be applied as designed in the legal framework and combined with the workflow set-up this will be applicable from the first day of GAC. Specific reports are to be developed and put in place and connected with Survey Solutions. Direct importing the reports from SuSo in a desktop-based application (Excel) for confirming the questionnaires completed and time spent by DTS will be put in place.

#### 4.2. IT infrastructure for actual GAC

#### 4.2.1. Hardware in place – servers and operation systems

The limitation imposed by the IT infrastructure in place for the actual census (contracting process delayed due to specific requirements for procurement process and endorsements requested at national level), has to be solved with support from STS, in the configuration designed for the GAC (data collection and data production) under Output 4.1.b<sup>7</sup> or at maximum available. The figure below presents recommended production environment for actual GAC.

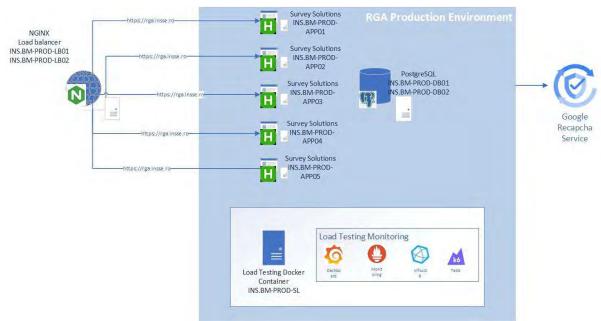


Figure 6 - GAC Production environment

Installing and configuring the servers will be performed by specialized staff of STS and experts of the World Bank with the participation of INS specialists in an effort of know-how transfer and hands-on

<sup>&</sup>lt;sup>7</sup> Output 4.1.b – includes recommendations for specifications of integrated IT system of INS for (GAC, PHC, SICCA, intercensus surveys, etc), delivered in September 2020

training and coaching. The phases for this process are designed and planned for the month before GAC stating as presented in Table 3 below.

Table 3 - Action plan for GAC infrastructure set-up

<b>Date Start</b>	Date End	Activity	Responsible
2021-03-10	2021-03-26	Checking of preloading information received from DTS (based on sectorisation results)	INS
	2021-04-12	Provide GAC infrastructure	STS
	2021-04-12	Install operating systems	STS
	2021-04-12	Allow access to World Bank to new system	STS
2021-04-12	2021-04-14	Install SuSo & database	World Bank
2021-04-14	2021-04-15	Configure SuSo & third-party services	World Bank, INS
2021-04-15	2021-04-16	Create HQ accounts for INS and DTS	World Bank
2021-04-16	2021-04-20	Import questionnaire (Desigenr - SUSO)	INS
2021-04-16	2021-04-20	Set up user access (supervisors, interviewers, observers)	INS
2021-04-16	2021-04-20	Set up GAC monitoring	World Bank
2021-04-01	2021-04-25	End of training for enumerators	INS
2021-04-26	2021-04-30	Upload assignments with preloaded information on questionnaire	INS, World Bank
2021-04-20	2021-04-27	Assess application security	STS
2021-04-27	2021-04-29	Apply recommendations	World Bank
2021-04-29	2021-05-04	Empty data sets and prepare for production	World Bank, INS
2021-05-01	2021-05-10	Start of GAC (RGA)	

The data production infrastructure (server) needed for the actual census must be requested to STS and rely on following minimum specifications:

- o CPU 16 cores, 64 bit
- o RAM 768 GB
- Data storage 2-4 TB
- OS UBUNTU (16.04 LTS)

The data production servers will be in place from the beginning of data collection period.

#### 4.2.2. Tablets set-up and configuration

For preparing the actual GAC and in order to have a smooth and safe process for around 21,200 tablets configuration, several requirements and specific actions must be considered and performed. The average number of tablets to be configured per county is 500, with a maximum of 950 (one county). A correlation must exist between the period necessary for tablets configuration and the training period of the enumerators at county level. By that the following should be applied:

- a) Restrictions/requirements:
  - all tablets to be configured only once, including:
    - tablet configuration (Interviewer user account on Android + restriction of using limited number of applications),
    - SuSo Interviewer app installation,
    - Interviewer app configuration: server link (<a href="https://rga.insse.ro">https://rga.insse.ro</a>; Interviewer username and password).

- starting tablets configuration in March 2021 considering the number of the tablets;
- possibilities for enumerators to have some testing before the real GAC.
- The configurations are to be made with final credentials.
- Instructions are to be provided to DTS for tablets configuration and indicate rga.insse.ro server.
- b) Actions in preparing the tablets GAC:
  - 1. Upgrade the rga.insse.ro SuSo server to the latest version available 21.01.7 (build 30747) [28-30.mar.2021]
  - 2. Creating the credentials Interviewers, Supervisors, HQ, Observers [30-31.mar.2021]
  - 3. Import the latest version of the questionnaire [31.mar.2021]
  - 4. Creating the assignments [31.mar.2021]
  - 5. Tablets configuration [Territorial offices: 01-20.apr.2021]
  - 6. Testing the tablets and the questionnaire [Territorial offices: 01-25.apr.2021]
- c) Actions required for go-live production (actual GAC):
  - 1. Installing the latest version 21.01.7 (build 30747) of SuSo on new infrastructure [until 20.apr.2021]
  - 2. Lock the updates on the server during the period May 10– July 31 2021.
  - 3. Creating the credentials Interviewers, Supervisors, HQ, Observers [until 25-28.apr.2021]
  - 4. Import the latest version of the questionnaire [until 25-28.apr.2021]
  - 5. Creating the assignments [until 25-28.apr.2021]
  - 6. Shutting down the actual infrastructure of GAC pilot [28.apr.2021]
  - 7. Starting the new infrastructure as the https://rga.insse.ro address [28.apr.2021]
  - 8. Testing the tablets on new infrastructure [28-30.apr.2021]

#### 4.2.3. Technical and Respondents Call Centre

INS and STS will collaborate to have in place and functional the Technical Call Centre as a recommendation and a requirement of a good practice from previous censuses. Moreover, the CAPI process will generate situations when the missing coverage of mobile data could generate reasonable questions to enumerators, and they will be more conformable to appeal a call center.

The call center for respondents becomes critical in the actual GAC in the case of no public campaign in place and has to be implemented. The experience of the collaboration and support from STS, corroborated with the statements of GEO22/2020 on mandatory actions, including the call center, could ensure its functioning. It is recommended to prepare in advance the call center operators and inform them about the main topics of census, being able this way to get familiarized with the operations and anticipate questions and needed answers from respondents. This component of the call center is a separate one from the technical call center (dedicated to enumerators), but as physical equipment is a sole one including the two functions.

#### 4.3. Training

The training of the enumerators, supervisors and observers is critical for performing the actual GAC. By that, the training plan proposed under Output 2a. is recommended to be applied and structured on the specifics of the territory (number of census staff, availability of premises, pandemic situation and restrictions applicable at local level). Hands-on training (using the tables in direct training) will ensure the learning of the application features and use. The following recommendations should be applied:

- At training, the tablets configured with the final credentials and with a link to the rga.insse.ro server are handed over to enumerators.

- The trainings must be done in groups of max 25 participants, according to the legislation in force (reason for a min 3 weeks necessary to train all staff).
- Tablets are handed over during training in order to avoid repeated travel within the county (for health security reasons). In the period between the training date and April 29, the enumerator can practice on tablet and questionnaire.
- Between April 30 May 9, the access the rga.insse.ro server is to be forbidden/restricted.
- Training is to be done on the rga.insse.ro server (according to instructions already provided for configuration and trainings).

A proposed action plan is presented in Table 4 below.

Table 4 - Acton plan for training of census staff

<b>Date Start</b>	Date End	Activity	Responsible
2021-03-15	2021-03-25	Creation and upload of final credentials for enumerators, supervisors and observers on the rga.insse.ro server	INS
2021-04-01	2021-04-24	Association credential with census sections and sectors (preloading information); additional verifications	INS
2021-03-15	2021-03-25	Training of trainers (200 persons from DTS)	INS, WORLD BANK
2021-03-23	2021-04-23	Configuration of tablets for enumerators on the rga.insse ro server	DTS
2021-04-01	2021-04-29	Training of enumerators, using configured tablets, with final credential, on the rga.insse.ro server	DTS
2021-04-30	2021-05-09	Upload questionnaires with preloaded information and assignments	

In considering the training delivery, the localized tutorials have to be in place, as desirable as possible, or at least translations of the actual Survey Solution tutorials.

## 4.4. Promotion and communication campaign

As mentioned in Output 2a, the census promotion campaign is an essential element of the GAC in the new method of data collection – CAPI and can be considered not optional. Despite these, some limitations determined by budget constrains are expected to affect the promotion campaign. The promotion campaign can play a critical role in enhancing data quality through increased respondent participation. By that the advertising/announcement campaign should use the proper information means and channels to reach the target audience - population consists of all the agricultural holdings in the country.

#### 5. Annexes

## Annex 1 – GAC Solution detailed configuration

The most accurate description of the configuration of all system(s) components is to provide the installation logs, which are presented below.

## 1. Load Balancer installation log

Steps performed in configuring load balancing server:

1. Enable name resolution – edit /etc/resolv.conf with Google public DNS services:

nameserver 8.8.8.8 nameserver 8.8.8.4

2. Install yum-utils, gcc:

# yum -y install epel-release yum-utils gcc

3. Download nginx-1.18 stable release, openssl-1.1.1c and nginx-sticky-module-ng into /home/admin:

\$ wget https://nginx.org/download/nginx-1.18.0.tar.gz

\$ wget https://www.openssl.org/source/openssl-1.1.1c.tar.gz

\$ wget https://bitbucket.org/nginx-goodies/nginx-sticky-module-ng/get/08a395c66e42.zip

4. Decompress the archives and change current user to root:

\$ gunzip nginx-1.18.0.tar.gz \$ tar -xvf nginx-1.18.0.tar \$ gunzip 08a395c66e42.zip \$ cd nginx-1.18.0

5. Install nginx from source:

# yum install nginx

# ./configure --sbin-path=/usr/local/nginx/nginx --conf-path=/usr/local/nginx/nginx.conf --pid-path=/usr/local/nginx/nginx.pid --with-http\_ssl\_module --add-module=/home/admin/nginx-goodies-nginx-sticky-module-ng-08a395c66e42 --with-http\_gunzip\_module --with-http\_gzip\_static\_module --with-http\_stub\_stUATs\_module --with-openssl=/home/admin/openssl-1.1.1c

# make

# make install

6. Configure nginx as a service. Edit /etc/systemd/system/nginx-1.18.0.service:

[Unit]

Description=nginx 1.18.0

After=syslog.target network.target

[Service]

Type=forking

EnvironmentFile=/etc/sysconfig/nginx-1.16.0

ExecStart=/usr/local/nginx/nginx \$CLI\_OPTIONS

```
ExecReload=/usr/local/nginx/nginx -s reload

ExecStop=/usr/local/nginx/nginx -s quit

[Install]

WantedBy=multi-user.target
```

7. Reload daemons:

# systemctl daemon-reload

8. Edit /etc/sysconfig/nginx-1.18.0

# Command line options to use when starting nginx

#CLI\_OPTIONS=""

9. Edit NGINX configuration file (/usr/local/nginx/nginx.conf) as follows:

```
user nginx;
worker processes 1;
error log /var/log/nginx/error.log warn;
pid
       /var/run/nginx.pid;
events {
  worker connections 1024;
http {
  include /usr/local/nginx/mime.types;
  default_type application/octet-stream;
  log_format_main '$remote_addr - $remote_user [$time_local] "$request" '
             '$stUATs $body_bytes_sent "$http_referer" '
             ""$http_user_agent" "$http_x_forwarded_for"";
  access_log /var/log/nginx/access.log main;
  sendfile
  #tcp_nopush on;
```

```
keepalive_timeout 65;

gzip on;

include /etc/nginx/conf.d/*.conf;

map $http_upgrade $connection_upgrade {
    default Upgrade;
    " close;
}
```

### 10. Edit /etc/nginx/conf.d/rga.conf:

```
server {
  server_name rga.insse.ro;
  #charset koi8-r;
  access_log /var/log/nginx/rga.access.log main;
  location / {
      proxy_pass http://xxx xxx.xx xx xxxx;
      proxy_read_timeout 90;
      proxy_http_version 1.1;
      proxy_set_header Upgrade $http_upgrade;
      proxy_set_header Connection $connection_upgrade;
      proxy_set_header Host $host;
       proxy_cache_bypass $http_upgrade;
      proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
      proxy_set_header X-Forwarded-Proto $scheme;
  location /metrics {
       deny all;
```

```
listen 443 ssl; # managed by Certbot

ssl_certificate /ete/letsencrypt/live/rga.insse ro/fullchain.pem; # managed by Certbot

ssl_certificate_key /ete/letsencrypt/live/rga.insse ro/privkey.pem; # managed by Certbot

include /ete/letsencrypt/options-ssl-nginx.conf; # managed by Certbot

ssl_dhparam /ete/letsencrypt/ssl-dhparams.pem; # managed by Certbot

}

server {

if ($host = rga.insse ro) {

return 301 https://$host$request_uri;

} # managed by Certbot

server_name rga.insse.ro;

listen 80;

return 404; # managed by Certbot
```

### 11. Edit /etc/nginx/conf.d/stub\_stUATs.conf

```
server_name stub;

#charset koi8-r;
access_log /var/log/nginx/stub.access.log main;

listen 8080;

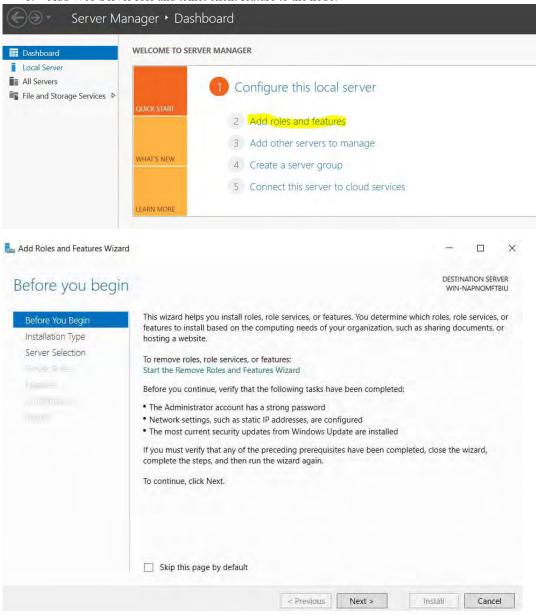
location / {
    stub_stUATs;
    allow xxx xxx.xx xx; #only allow requests from monitoring server
    deny all; #deny all other hosts
```

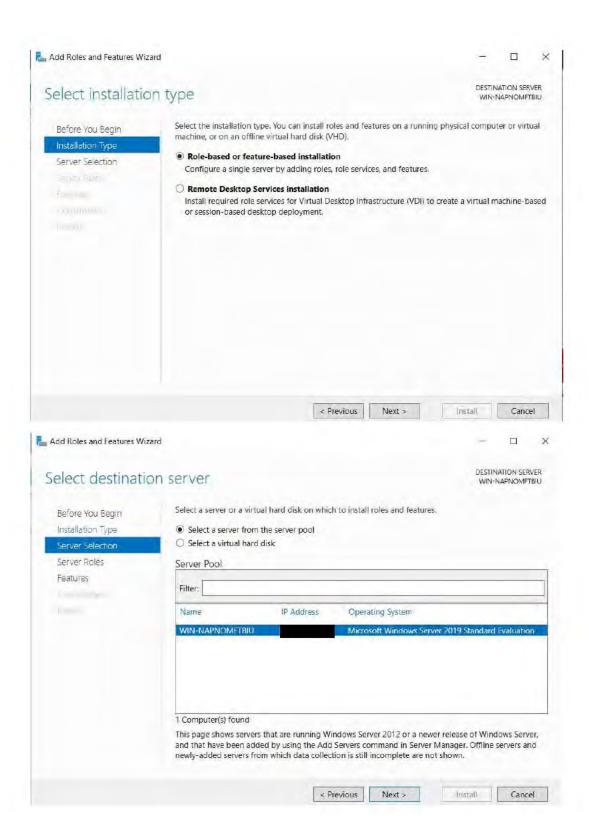
```
12. Start Enable nginx when system boots:
# systemctl start nginx-1.18.0
# systemctl enable nginx-1.18.0
    13. Install CertBot Let's Encrypt client:
# yum install certbot-nginx
    14. Install Let's encrypt SSL certificates:
# certbot --nginx --nginx-server-root /usr/local/nginx --nginx-ctl /usr/local/nginx/nginx -d recensaminte.insse ro
# certbot --nginx --nginx-server-root /usr/local/nginx --nginx-ctl /usr/local/nginx/nginx -d rpl.insse ro
# certbot --nginx --nginx-server-root /usr/local/nginx --nginx-ctl /usr/local/nginx/nginx -d rga.insse.ro
    15. Set up SSL certificate auto-renewal by editing crontab
#crontab -e
15 3 * * * /usr/bin/certbot renew --quiet
    16. Add node_exporter repository
                   curl
                                          -Lo
                                                               /etc/yum repos.d/_copr_ibotty-prometheus-exporters repo
https://copr fedorainfracloud.org/coprs/ibotty/prometheus-exporters/repo/epel-7/ibotty-prometheus-exporters-epel-7.repo
    17. Install node exporter
# yum install node_exporter
    18. Start and enable node exporter as a service
# systemctl start node_exporter
# systemctl enable node exporter
    19. Start and enable firewall:
# systemctl start firewalld
# systemctl enable firewalld
    20. Enable firewall rules:
# firewall-cmd --permanent --zone=public --add-service=http
# firewall-cmd --permanent --zone=public --add-service=https
# firewall-cmd --permanent --zone=public --add-port=8080/tcp
# firewall-cmd --permanent --zone=public --add-port=9100/tcp
# firewall-cmd
```

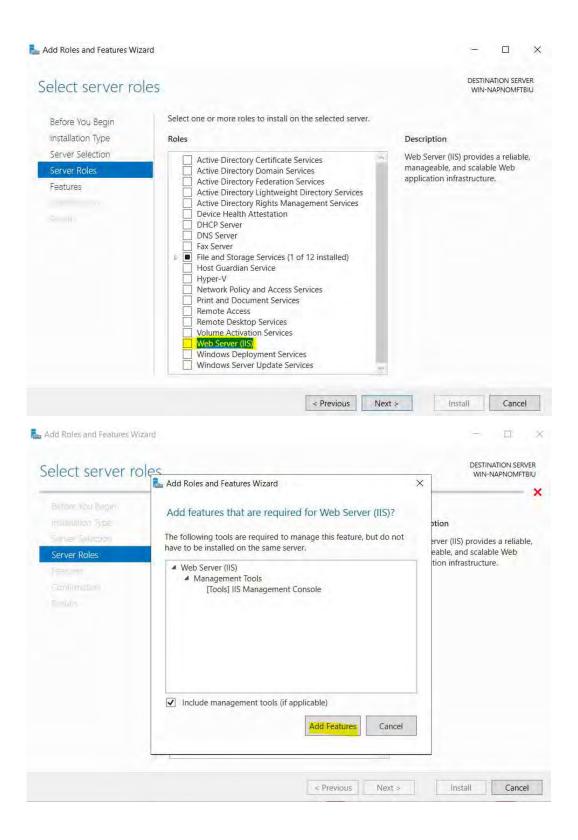
## 2. GAC pilot installation log

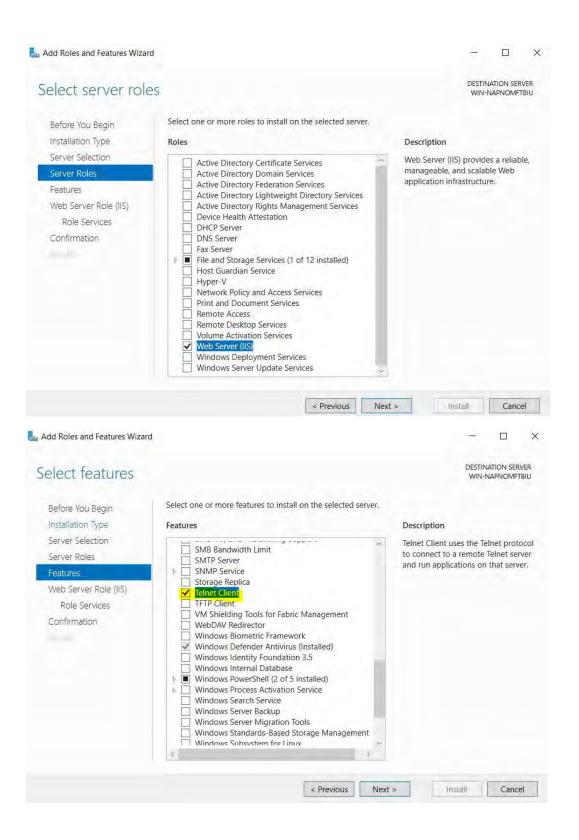
Steps performed in configuring application server nodes:

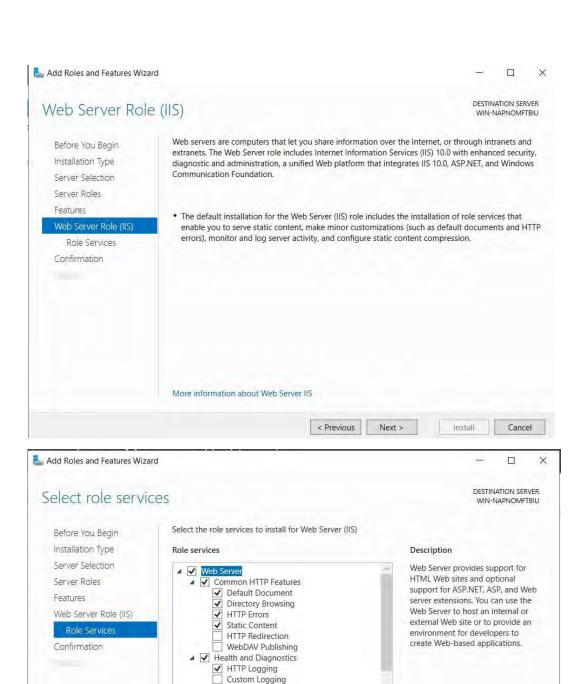
1. Add Web Server role and telnet client feature to the node:











Logging Tools
ODBC Logging
Request Monitor
Tracing
Performance

■ Security

✓ Static Content Compression

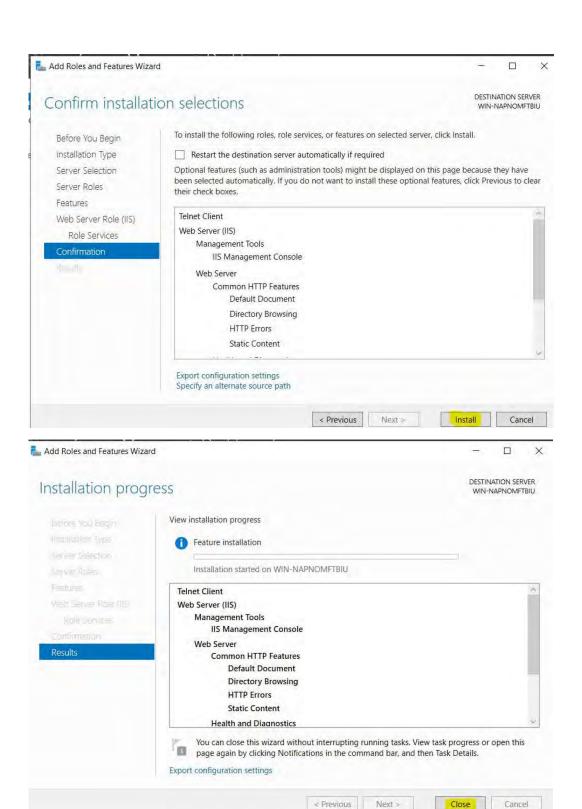
Dynamic Content Compression

< Previous

Next >

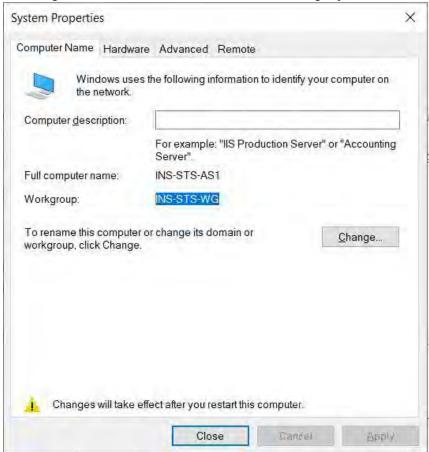
Install

Cancel

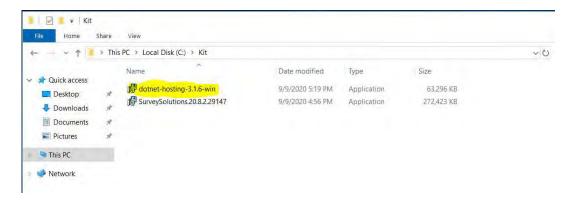


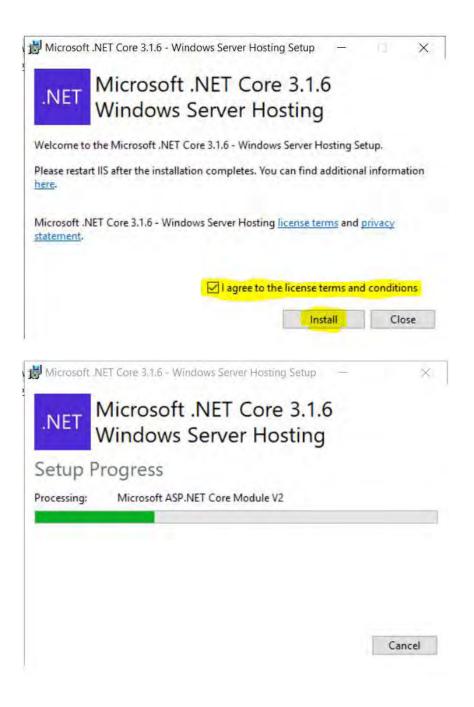
Cancel

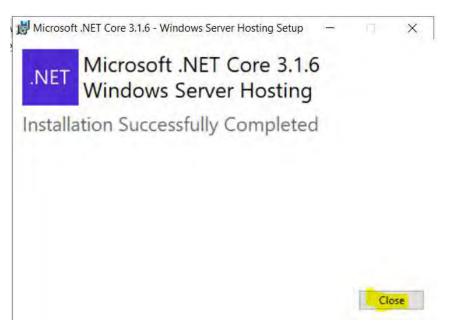
2. Change the name of the node to INS-STS-GAC and workgroup to INS-STS-WG and restart the nodes:



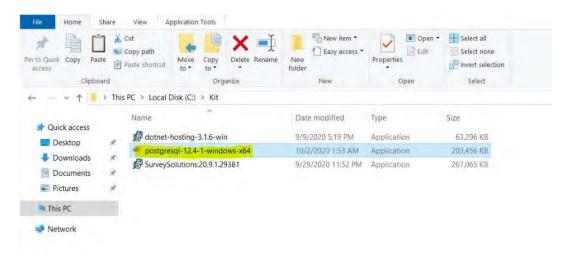
3. Install Microsoft .NET Core Runtime 3.1.6:



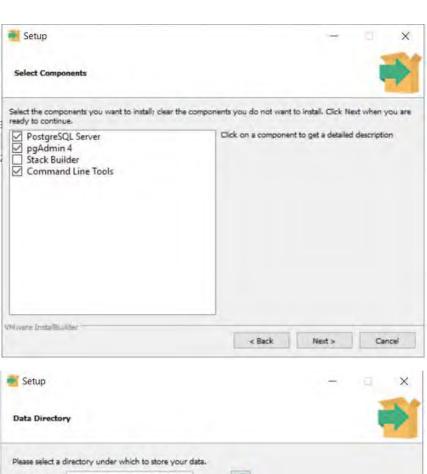


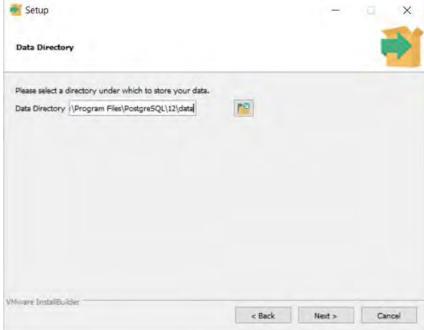


4. Install PostgreSQL 12.4.1:



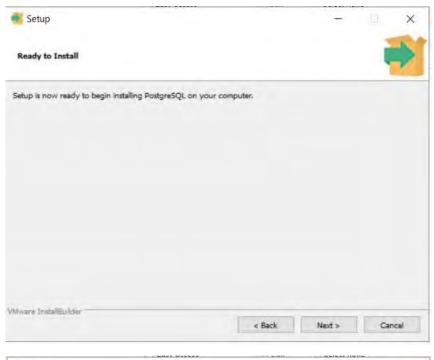


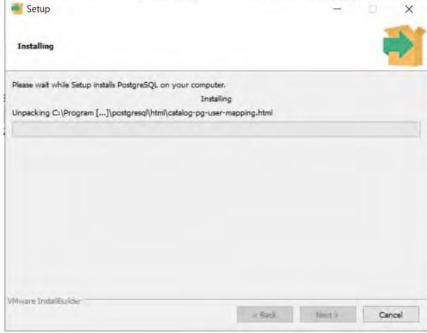


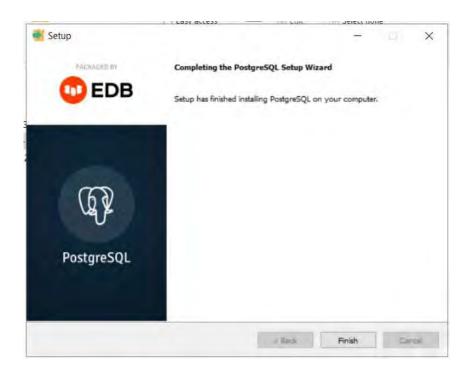




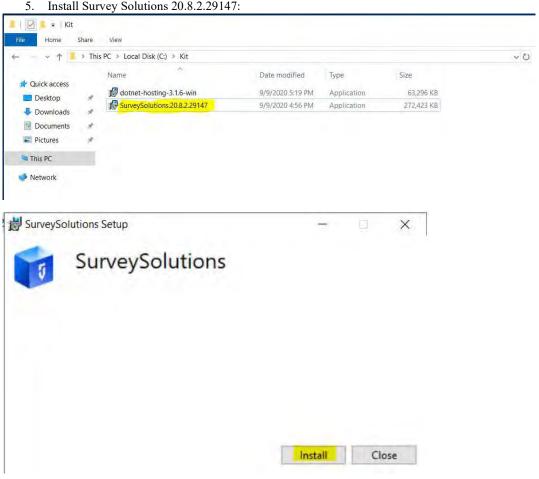


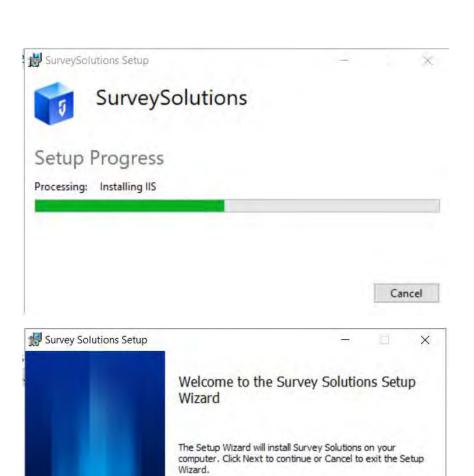






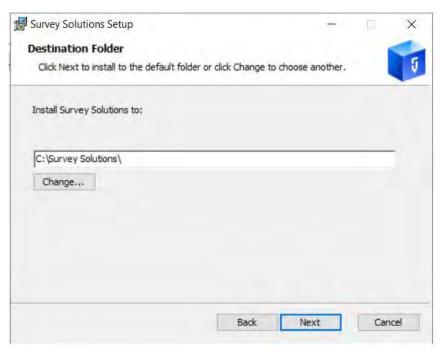
5. Install Survey Solutions 20.8.2.29147:

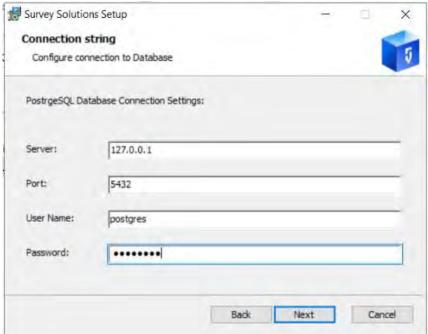


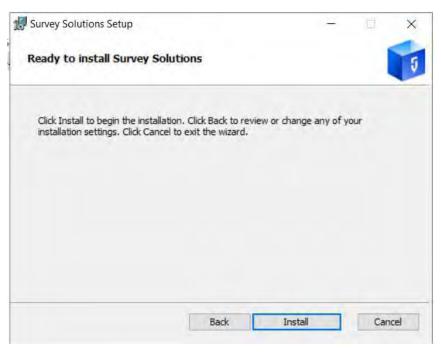


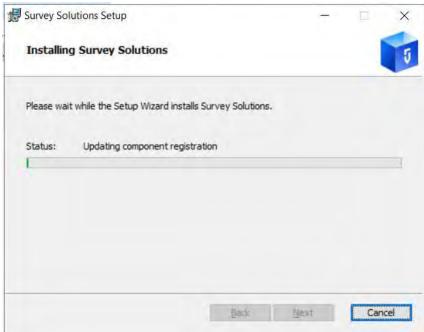
Back

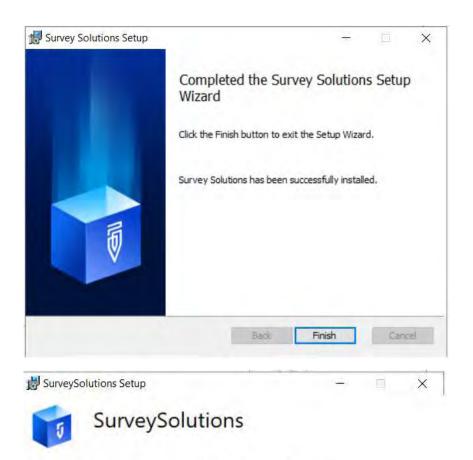
<u>N</u>ext







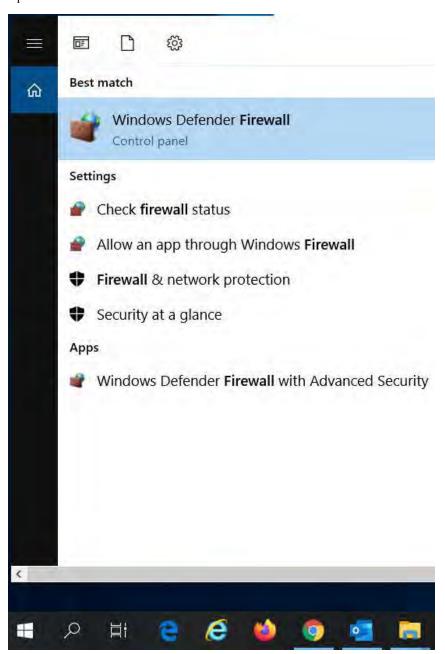




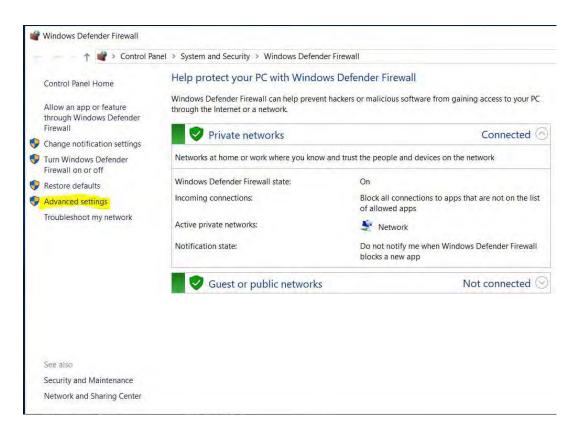
Installation Successfully Completed

Close

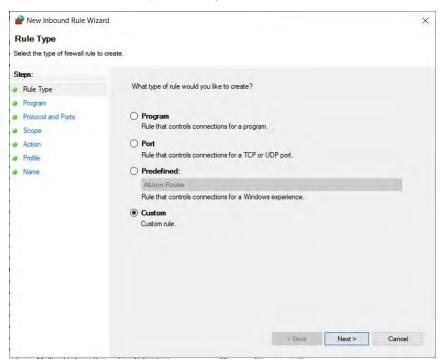
6. Allow communication from load balancer by adding firewall rules: Open Windows Defender Firewall

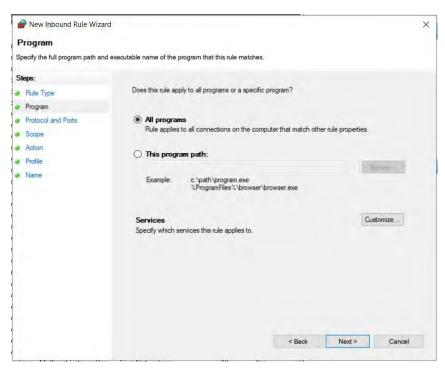


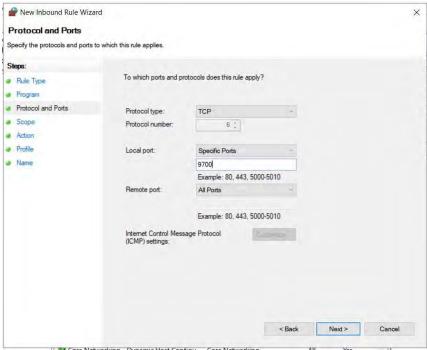
Go to "Advanced settings"

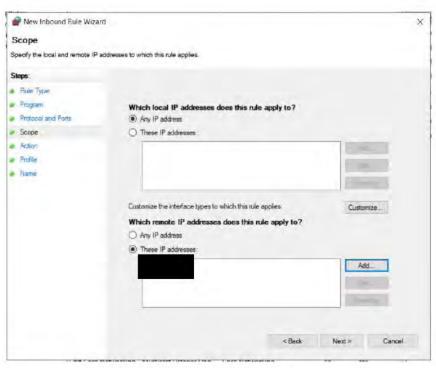


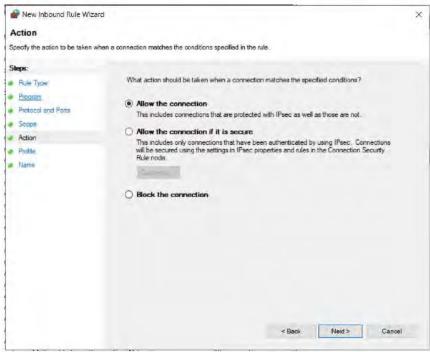
Create a new inbound rule by left clicking on the "Inbound Rules"-> "New rule ..."

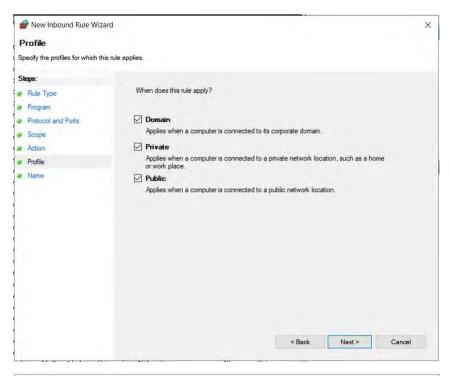


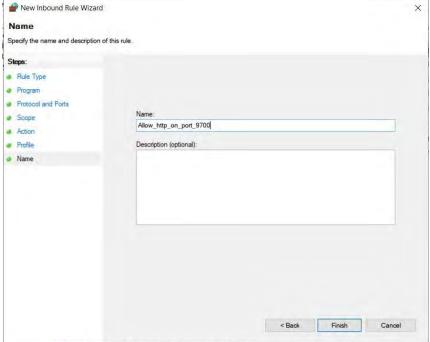












7. Edit C:\Survey Solutions\Site\appsettings.production as follows and restart IIS. Note that PostgreSQL password is masked and Capcha and GoogleMap sections contains settings tied to a personal Google subscription, so should be replaced with INS Google subscription keys:

## [Headquarters]

BaseUrl=https://rga.insse ro

TenantName=hq

[Apks]

ClientApkPath=Client

[Designer]

DesignerAddress=https://designer.mysurvey.solutions

[FileStorage]

AppData=..\Data\_Site

TempData=..\Data\_Site

[ConnectionStrings]

DefaultConnection=Persist Security Id=postgres;Password=\*\*\*\*\*\*;Database=SurveySolutions

Info=true;Server=127.0.0.1;Port=5432;User

[Captcha]

CaptchaType=Recaptcha

SecretKey = 6 Lefkt QZAAAAAJIIId 24 mov W7 - 9kfc 74O5 qSzD5 e

Site Key = 6 Lefkt QZAAAAACHBtdRE3AbDbAlBGwa-MvGZE4AK

Version=v2

[GoogleMap]

ApiKey = AIzaSyCrg8h3FK1rfiNWQFK3M-fBnWaCr0wI760

ApiBaseUrl=https://maps.googleapis.com

BaseUrl=https://google.com

## Annex 2 – Maintenance procedures for GAC environment

In order to maintain functional testing environment for RGA, some relevant procedures are required. Those procedures consist in:

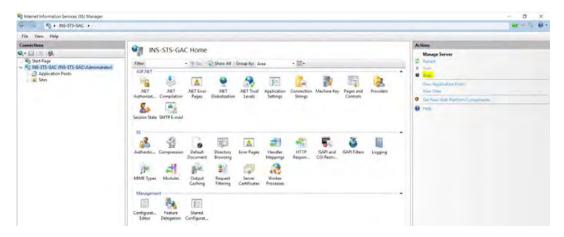
- Initializing the environment
- Patching and updating WORLD BANK software when functional issues are addressed in the source code
- Monitoring the environment

In order to be able to run those procedures, a VPN connection is required to the RGA environment, hosted by STS.

#### 1. GAC environment initialization

In order to initialize GAC environment, the most suitable way is to clear the database. Since some settings are encoded in database, additional steps are required in order to prepare the environment for subsequent load tests. The whole procedure is described here:

1. Access INS-STS-GAC and stop IIS service (Start->Windows Administrative Tools->Internet Information Service (IIS) Manager):



2. Run psql command line tool (Start->PostgeSQL 12-> SQL Shell) and drop drop the database "SurveySolutions":

```
Server [localhost]:

Database [postgres]:

Port [5432]:

Username [postgres]:

Password for user postgres:

psql (12.4)

WARNING: Console code page (437) differs from Windows code page (1252)

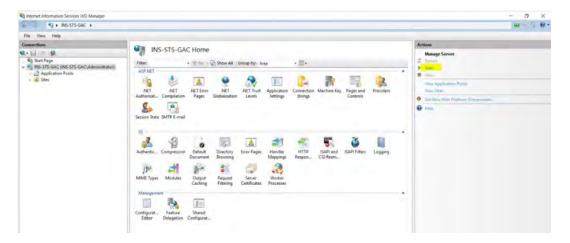
8-bit characters might not work correctly. See psql reference

page "Notes for Windows users" for details.

Type "help" for help.

postgres=# drop database "SurveySolutions";
```

3. Start IIS service (Start->Windows Administrative Tools->Internet Information Service (IIS) Manager):



- 4. Click on Survey Solution icon on the desktop and provide default administrator credentials
- 5. Setup Survey Solution application as recommended by World Bank:
- Create minimal set of users (headquarter, supervisor, interviewer roles)
- Import questionnaire from Survey Solution Designer
- Assign questionnaire to interviewer user in web mode and start web mode

## 2. Patching and updating World Bank software

World Bank software components for RGA environment consist in:

• Survey Solution Headquarter application installed on INS-STS-GAC

For patching and updating Survey Solution application, the steps below must be executed:

- 1. Consult <a href="https://support.mysurvey.solutions/release-notes/">https://support.mysurvey.solutions/release-notes/</a> and decide if new release should be deployed.
- 2. In case there will be a deployment, copy C:\Survey Solutions\Site\appsettings.production in a safe location for INS-STS-GAC.
- 3. On INS-STS-GAC uninstall Survey Solutions application, restart the node and install new release from <a href="https://mysurvey.solutions/en/index html#download-section">https://mysurvey.solutions/en/index html#download-section</a>.
- 4. On INS-STS-GAC, copy appsettings.production from the safe location in C:\Survey Solutions\Site\appsettings.production and restart IIS.

# 3. Monitor GAC environment

For monitoring GAC environment there is no specialized monitoring system deployed. Since all components are installed on the same virtual machine, resource monitoring can be done by simply launching Task Manager.

As for applications logs, those are available in C:\Survey Solutions\logs.

















## **ROMANIA**

Reimbursable Advisory Services Agreement on Romania Capacity Building for Statistics (P167217)

# **OUTPUT No. 14**

Report on two (2) five-day workshops for NIS statisticians in methodologies and tools for transforming questionnaires into intelligent statistical e-questionnaires

June 2022

Revised version July 2022



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This report has been delivered in June 2022 and revised in July 2022, under the Reimbursable Advisory Services Agreement on Romania Capacity Building for Statistics (P167217) signed between the National Institute of Statistics in Romania and the International Bank for Reconstruction and Development on September 17, 2019. It is part of Output 14 under the above-mentioned agreement.

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# List of Acronyms

API Application Programming Interface

CAPI Computer-Assisted Personal Interviewing CAWI Computer-Assisted Web Interviewing

GAC
General Agriculture Census
INS
National Institute of Statistics
LINQ
Language Integrated Query
PAPI
Paper and Pencil Interviewing
RAS
Reimbursable Advisory Services

WB World Bank

#### Introduction

This report presents the advisory services provided during the "two (2) five-day workshops for NIS statisticians in methodologies and tools for transforming questionnaires in intelligent statistical e-questionnaires" as part of Output 14 under the Reimbursable Advisory Services (RAS) Agreement on Romania Capacity Building for Statistics (Project No. P167217). The project is implemented by the National Institute of Statistics (INS) with support from the World Bank (WB).

Through this Output, support was provided to the National Institute of Statistics (INS) for preparing the implementation of the General Agriculture Census round 2020 and for documenting the process of elaborating the electronic questionnaires for major statistical works on agriculture. The advisory services consisted of two five-day workshops on the Survey Solutions Designer App. The workshops were attended by 28 persons in case of the first workshop for beginners, and 25 persons in case of the second one for advanced users. The knowledge gained by the participants will support the preparatory work for the post GAC surveys (structural surveys in agriculture).

The report presents the process for organizing the workshops and the activities performed, the topics covered, the agenda, the materials developed, the observations of the experts/trainers and several conclusions and recommendations for further improving the skills of the INS statisticians. The materials produced for the workshops are available in electronic format and are described in the annexes of this report.

The participants in the workshops offered feedback on the process, knowledge, and skills acquired, showing good understanding of the principles, concepts, tools, and processes of creating templates for data collections for different types of surveys. Among the skills acquired, the participants can now use different tools and methodologies associated with the preparation of nationwide surveys.

## 1. Preparation of the workshops

The INS carries out year by year sampling surveys at national or regional level to produce statistics related to the agriculture sector in line with the requirements of national or international legislation and as stated in the Annual National Statistics Program. At the INS level, the methods of data collection vary from PAPI to CAPI or CAWI. In its effort to modernize the statistics production one important step of the INS is to transform questionnaires into electronic/intelligent e-questionnaires. In this context, through the RAS, two workshops have been organized, of five days each, for knowledge transfer on producing e-questionnaires in beginner and advanced conditions for INS specialists involved in production of agriculture statistics.

A group of 28 experts were selected and nominated by the INS to attend the workshops. Most of the selected experts participated in both workshops, initially in the one for beginners, held in February 2020, in a face-to-face approach, and subsequently in the one for advanced users, held in October 2021, online, as the COVID-19 pandemic limited the possibilities of face-to-face meetings and collective activities.

Considering the needs of the participants and the requirements for preparing the equestionnaires, the objectives of the workshops were to: (i) provide knowledge on the Survey Solution Designer application components; (ii) train participants in creating a basic questionnaire: the interface of the Designer app, the different basic and novel components of a questionnaire template, multilingual questionnaires, picture attachments and the collaboration features included in the Designer application; iii) the use of the C# language in the Survey Solution Designer application, functions and syntax, exceptions in expressions, useful expressions and type of questions, LINQ and lambda functions, lookup tables, different validations and enabling conditions and patterns; (iv) explain the differences in designing questionnaires for CAPI and CAWI surveys; and (v) practice the development of e-questionnaires. Both workshops covered subjects related to the process of preparing questionnaire templates for data collections for different types of surveys.

In organizing the workshops, the following main activities were considered:

- Workshop preparation: the focus was on identifying the topics responding to the needs for knowledge transfer. The topics of the workshops and the agenda were set together by the WB experts and the INS specialists. The production of materials and accessories necessary for organizing the classes (presentations, case studies, login application access) were prepared by the WB experts covering the agreed topics. The premises and the equipment for organizing the workshops were provided by the INS.
- Workshop delivery and results: following agreement on the scope and agenda, two five-day workshops were delivered by the WB experts to the participants selected and nominated by the INS, in the format of face-to-face, respectively online, during the periods agreed. The participants were allowed to use Survey Solutions Designer and practice on developing questionnaires and use examples.

## 2. Activities performed

#### Workshops' preparation

The preparation of the workshops was based on topics covering the needs for developing the e-questionnaires identified by the WB experts and INS specialists and agreed as part of the agenda.

The topics for the beginner users' workshop were:

- Survey Solutions overview
- Designer dashboard and Questionnaire editor
- Questionnaire components and actions with them
- Basic question types (text, numeric, list, and Date questions).
- Tester application and Web-Tester
- Categorical questions and reusable categories
- Questionnaire history
- Rosters
- Novel questions
- Functions and syntax
- Enabling conditions and validation rules
- Macrosses, variables
- Attachments and text-formatting, and substitutions
- Resources and communication with Survey Solutions
- Collaboration, comments and PDF version of the questionnaire

The topics for the advanced users' workshop were:

- New features in Survey Solutions
- Roster's display modes
- Multi-select combobox
- Collections of categories
- Classifications
- Test Scenarios
- Functions and Syntax
- Dealing with exceptions in expressions
- Useful expressions for a set of questions
- Useful expressions for date type questions
- LINQ and lambda functions
- Selection of member/item within a category
- Random selection
- Lookup tables
- Conditions in Household/agriculture holding rosters
- Linked questions and filters for them
- Rosters and enabling conditions
- Introduction to CAWI.

Based on the topics agreed, as above, the agenda for each type of workshop was developed (see Annex 1). The experts also developed training materials that included

presentations, training exercises, video compilations and relevant online articles for the Survey Solutions support page.

Presentation materials and training questionnaires with exercises are attached in electronic form (archive available) to be put at the disposal of the participants and the INS (see Annex 2 and Annex 3 to this report).

The video materials are available on the YouTube channel of Survey Solutions: <a href="https://www.youtube.com/channel/UCzGrZ3FiEu5NbDJB2GKazOA">https://www.youtube.com/channel/UCzGrZ3FiEu5NbDJB2GKazOA</a>

Online help can be found on the Survey Solutions support portal: <a href="http://support.mysurvey.solutions">http://support.mysurvey.solutions</a>.

#### Workshop delivery and results

The first workshop for the beginners was delivered face-to-face during 17-21 of February 2020 for 28 participants. The second workshop was held in an on-line format for the advanced users during 18-22 of October 2021, for 25 participants, a measure imposed by the COVID-19 pandemic. The list of participants is available at the INS for both workshops.

The workshops were delivered following several key principles:

- Interaction: Participants were encouraged to engage in the workshop discussions. All sessions of the workshop covered topics and practical activities that generated interesting discussions and exchanges of ideas.
- **Practicality:** Examples were based on real situations for the Romanian statistics and the international experience. They were used to contextualize the needed tools for e-questionnaire development for census and inter-census periods and highlight their usefulness in addressing relevant issues.
- Learner (participant) centered: Participants were encouraged to propose examples from their own experience to apply the means, approaches and methodologies taught.
- Complementarity: Experts highlighted links, connections and complementarity of content across the different sessions of workshops whilst avoiding duplication and overlap.

Different teaching and coaching methods and tools used for e-questionnaires development were used intensively during the workshops, among which:

- Presentation (in PowerPoint)
- Sample of questionnaires
- Survey Solution Designer application
- Brainstorming
- Case studies
- Q&A sessions

As a result of the workshops, the participants were taught how to write a basic enablement and validation conditions. Also, participants learned to write beginner validation, enablement and filter expressions using the C# programming language and LINQ expressions.

Besides some technical difficulties in terms of internet connection during the face-to-face workshop the knowledge transferred to the participants was well delivered and appreciated by them. In the case of the advanced workshop (online), all equipment and connections worked very well for the entire period. An Interviewer account was created for each participant, and they had the opportunity to work through the Supervisor and Headquarter accounts on the examples presented during the workshop.

Examples of the administration and production of data for a questionnaire, including pre-loading data into the questionnaire (https://designer.mysurvey.solutions/questionnaire/details/9219f3fcadcc456694629a1721685327) were presented during workshop. The demonstration of automatic approval of the completed questionnaires through the API method was made resulting in an R. script (Annex 3).

#### 3. Conclusions and recommendations

The two workshops were designed to ensure an effective knowledge transfer from the experts of the WB to the participants through in-depth presentation and practice on the topics related to using Survey Solutions Designer App and transforming questionnaires into e-questionnaires. The participants were also taught the two different methods they can use to test questionnaires: 1) using the web-tester integrated with the Designer application and 2) using the Tester application on the tablet.

In terms of the advanced workshop, the participants were connected and active all day long in webex sessions and used the chat for questions and answers. The participants were familiar with the Survey Solution platform and this allowed the group to go through the topics in the rhythm corresponding to the daily program, without syncope. Moreover, the participants were active and performed the practical activities daily on a real collection server opened through the "self-service-portal" mechanism on the site <a href="https://mysurvey.solutions/">https://mysurvey.solutions/</a>.

An important objective and expected result of the workshops was to establish teams within the INS which have information and can use the tools for designing the equestionnaires.

One important result of advanced workshop was the hands-on practice on equestionnaires applicable for current activities of the INS. Several issues were observed during training, allowing to make recommendations for improving the questionnaires, such as:

- rewriting some questions to be more suitable for the CAPI collection method.
- rewriting the explanations / instructions for some questions so that they are suitable for the respondent who will complete the questionnaire without an intermediary (enumerator/interview operator).
- for the CAWI mode, considering that a questionnaire will be completed by a person without the advice of an enumerator / interview operator, the questionnaire must be tested on a sample of people from as many professions as possible, with different levels of education and various ages, and depending

on the way of interaction with the questionnaire to adapt for a better presentation of information, questions and sections.

- establishing the flow of administration and data collection, both before the design of the questionnaire, but also whenever it is necessary so that, at the end of the questionnaire, the training of the enumerators / interview operators is carried out correctly.
- testing the entire data collection and production flow, from the design stage (design), import and assignment (assignments), approval and rejection of questionnaires, the operation of each user role, to the export of collected data and transformation in microdata.

The working tools for preparing the e-questionnaires (login and access to Survey Solutions Designer App) are made available to the participants and can be used in the future in the process of revision or update of the e-questionnaires.

To strengthen and offer continuous support on preparing surveys by using CAPI/CAWI data collection methods and developing e-questionnaires, continuous training and coaching, in-house or outsourced, shall be provided to the INS specialists, both through specific trainings in using the Survey Solutions Designer App, and through workshops for transforming questionnaires into intelligent statistical e-questionnaires.

#### 4. Annexes

Annex 1 - Agenda of workshops

**Annex 2 - Presentations during workshops** 

**Annex 3 - Questionnaire practice** 

# Annex 1 – Agenda of workshops

# 1. Introductory/Beginner users' workshop agenda

#### **Day 1**

Time	Activities
08.30 - 09.30	Validation of participants and other technical issues
09:30 – 11.30	Survey Solutions Overview
11.15 – 11.30	Break
11.30 – 12.15	Designer dashboard and Questionnaire editor
	Questionnaire components and actions with them.
12.15 - 14.00	Break
14.00–15.45	Basic question types (text, numeric, list, and Date questions).
15.45 - 16.00	Break
16.00 - 16.30	Tester application and Web-Tester.

## Day 2

Time	Activities
08.30 - 09.30	Validation of participants and other technical issues
09:30 – 11.30	Categorical questions and reusable categories.
11.15 – 11.30	Break
11.30 – 12.15	Questionnaire history
12.15 – 14.00	Break
14.00- 15.45	Rosters part 1
15.45 – 16.00	Break
16.00 - 16.30	Rosters part 2

#### **Day 3**

Time	Activities
08.30 - 09.30	Validation of participants and other technical issues
11.15 – 11.30	Break
11.30 – 12.15	Functions and Syntax
12.15 – 14.00	Break
14.00–15.45	Enabling conditions and validation rules.
	Validation in rosters.
15.45 - 16.00	Break
15.00 – 15.45	Macrosses, variables.

#### **Day 4**

Time	Activities
08.30 - 09.30	Validation of participants and other technical issues
09.30 – 11.15	Attachments and text-formatting, and substitutions.
11.15 – 11.30	Break
11.30 – 12.15	Translations.
12.15 – 14.00	Break
14.00-15.45	Advanced categorical questions.Filters
15.45 – 16.00	Break
16.00 - 16.30	Resources and communication with Survey Solutions.
	Developing exercise

#### <u>Day 5</u>

Time	Activities
08.30 - 09.30	Validation of participants and other technical issues
09.30 – 11.15	Collaboration, comments and PDF version of the questionnaire.
11.15 – 11.30	Break
11.30 – 12.15	Scenarios based on AG questionnaire
12.15 – 14.00	Break
14.00–15.45	Assessment
15.45 – 16.00	Break
16.00 - 16.30	Q&A and review of the training
	Conclusions

# 2. Advanced users' workshop agenda

## <u>Day 1</u>

Time	Activities	
08.30 - 09.30	Validation of participants and other technical issues	
09.30 – 11.15	New features in Survey Solutions p1	
	a. Roster's display modes	
	b. Multi-select Combobox	
11.15 – 11.30	Break	
11.30 – 12.15	New features in Survey Solutions p2.	
	a. Collections of categories	
	b. Classifications	
	c. Test Scenarios	
12.15 – 14.00	Break	
14.00- 15.45	Functions and Syntax	
	Dealing with exceptions in expressions	
	Useful expressions for a set of questions	
15.45 – 16.00	Break	
16.00 - 16.30	Questions and answers Day 1	

# <u>Day 2</u>

Time	Activities
08.30 - 09.30	Validation of participants and other technical issues
09.30 – 11.15	Useful expressions for date type questions
11.15 – 11.30	Break
11.30 – 12.15	LINQ and lambda functions p.1
12.15 - 14.00	Break
14.00–15.45	LINQ and lambda functions p.2.
	Selection of member/item within a category
15.45 - 16.00	Break
16.00 - 16.30	Questions and answers Day 2

#### <u>Day 3</u>

Time	Activities
08.30 - 09.30	Validation of participants and other technical issues
09.30 – 11.15	Random selection p.1
11.15 – 11.30	Break
11.30 – 12.15	Random selection p.2
12.15 – 14.00	Break
14.00–15.45	Lookup tables p.1.
	Lookup tables p.2.
15.45 - 16.00	Break
15.00 – 15.45	Questions and answers Day 3

## **Day 4**

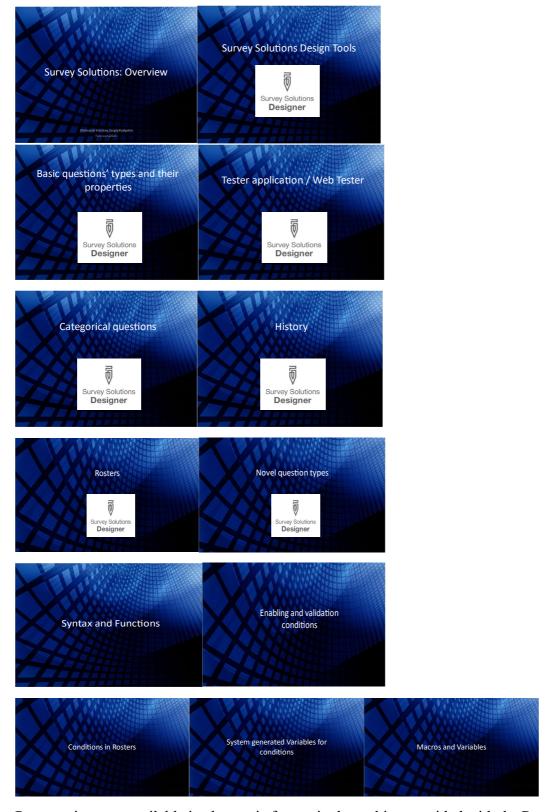
Time	Activities
08.30 - 09.30	Validation of participants and other technical issues
09.30 – 11.15	Conditions in Household/agriculture holding rosters
11.15 – 11.30	Break
11.30 – 12.15	Linked questions and filters for them
12.15 – 14.00	Break
14.00–15.45	RosterVector in household/agriculture holding roster
	Rosters and enabling conditions
15.45 – 16.00	Break
16.00 - 16.30	Questions and answers Day 4

# <u>Day 5</u>

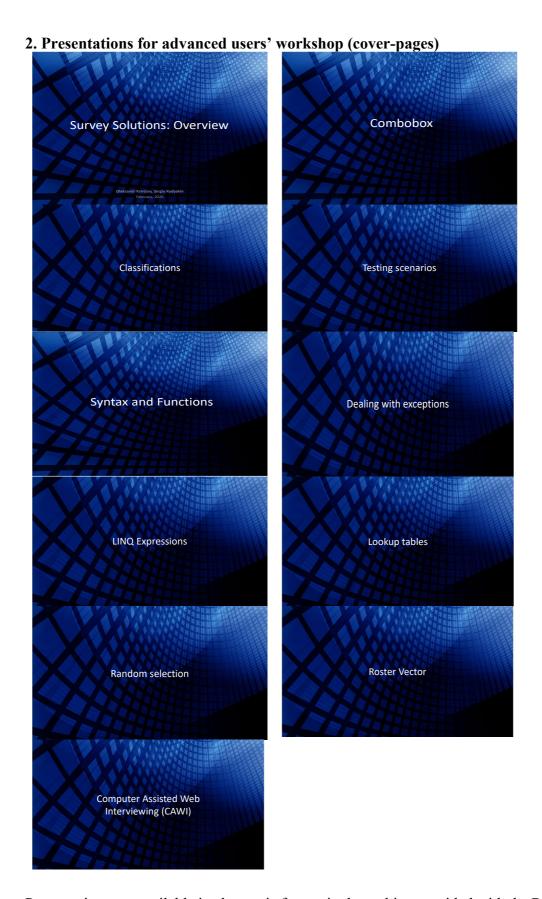
Time	Activities
08.30 - 09.30	Validation of participants and other technical issues
09.30 – 11.15	Introduction to CAWI
11.15 – 11.30	Break
11.30 – 12.15	Assessment
12.15 – 14.00	Break
14.00–15.45	Questions and answers Day 5
15.45 – 16.00	Break
16.00 - 16.30	Conclusions

# Annex 2 – Presentations during workshops

#### 1. Presentations for beginner users' workshop (cover-pages)



Presentations are available in electronic format in the archive provided with the Report.



Presentations are available in electronic format in the archive provided with the Report.

#### **Annex 3 – Questionnaire practice**

#### 1. Questionnaire practice for beginner users' workshop (excerpt)

## Romania Beginners Examples

SURVEY IDENTIFICATION INFORMATION

QUESTIONNAIRE DESCRIPTION

**BASIC QUESTIONS' TYPES** 

Sub-sections: 4, No rosters, Questions: 11, Static texts: 13.

**CATEGORICAL QUESTIONS** 

Sub-sections: 4, No rosters, Questions: 14, Static texts: 15.

ROSTERS

Sub-sections: 4, Rosters: 4, Questions: 14.

ROSTER DISPLAY MODES + NESTED ROSTER

Sub-sections: 4, Rosters: 6, Questions: 16.

**NOVEL QUESTION TYPES** 

Sub-sections: 5, No rosters, Questions: 9, Static texts: 9.

SYNTAX AND FUNCTIONS

Sub-sections: 3, No rosters, Questions: 7, Static texts: 3, Variables: 4.

ENABLING AND VALIDATION CONDITIONS

Sub-sections: 5, Rosters: 2, Questions: 23.

MACRO & VARIABLES

No sub-sections, Rosters: 1, Questions: 7, Static texts: 2, Variables: 5.

**FILTERS** 

Sub-sections: 3, Rosters: 2, Questions: 10.

FORMATTING, ATTACHMENTS, AND SUBSTITUTIONS

Sub-sections: 2, No rosters, Questions: 2, Static texts: 5.

ADVANCED CATEGORICAL QUESTIONS

Sub-sections: 2, Rosters: 1, Questions: 11.

RECOURCES AND COMMUNICATION

No sub-sections, No rosters, No questions, Static texts: 6.

**EXERCISES** 

No sub-sections, No rosters, No questions, Static texts: 5.

APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

APPENDIX B — CATEGORIES

APPENDIX C — CATEGORIES FILTERS

**LEGEND** 

The Questionnaire in full is available in electronic format in the archive provided with the Report.

#### 2. Questionnaire practice for advanced users' workshop

# Romania Advanced Examples SURVEY IDENTIFICATION INFORMATION QUESTIONNAIRE DESCRIPTION **PRACTICE** No sub-sections, No rosters, Questions: 1. **ROSTER DISPLAY MODES + NESTED ROSTER** Sub-sections: 4, Rosters: 6, Questions: 15. **CATEGORICAL QUESTIONS** Sub-sections: 3, No rosters, Questions: 15, Static texts: 15. SYNTAX AND FUNCTIONS Sub-sections: 3, No rosters, Questions: 7, Static texts: 3, Variables: 4. LINQ AND LAMBDA EXPRESSIONS Sub-sections: 4, Rosters: 2, Questions: 11, Static texts: 2, Variables: 15. **USEFUL EXAMPLES** Sub-sections: 7, Rosters: 2, Questions: 18, Static texts: 5, Variables: 7. **DATE QUESTIONS** Sub-sections: 6, No rosters, Questions: 14, Static texts: 6, Variables: 16. **SELECT BY CATEGORY** Sub-sections: 14, Rosters: 9, Questions: 23, Static texts: 7, Variables: 19. **RANDOM SELECTION** Sub-sections: 6, Rosters: 4, Questions: 14, Static texts: 5, Variables: 15. Sub-sections: 2, Rosters: 8, Questions: 25, Static texts: 5, Variables: 17. LOOKUP TABLES Sub-sections: 10, Rosters: 5, Questions: 41, Static texts: 3, Variables: 12. **LINKED QUESTIONS** Sub-sections: 1, Rosters: 2, Questions: 10. No sub-sections, No rosters, No questions, Static texts: 2. APPENDIX A — ENABLING CONDITIONS APPENDIX B — VALIDATION CONDITIONS AND MESSAGES

The Questionnaire in full is available in electronic format in the archive provided with the Report.

APPENDIX C — CATEGORIES APPENDIX D — VARIABLES

**LEGEND** 

APPENDIX E — CATEGORIES FILTERS

# 3. The R. script for automatic approval of the completed questionnaires through the API method.

The R. script for the automatic approval of the questionnaires completed by the API method (automate\_approvals.R) is available in the archive with the materials of the workshops.

automate\_approvals.









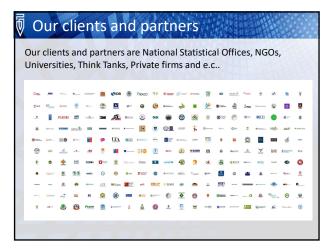




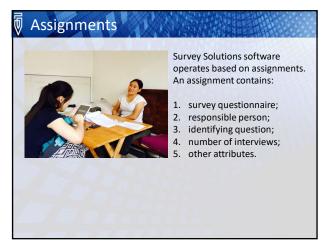


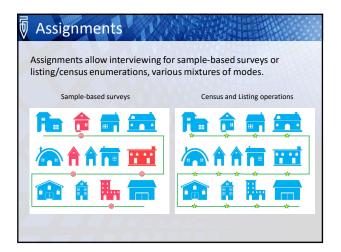


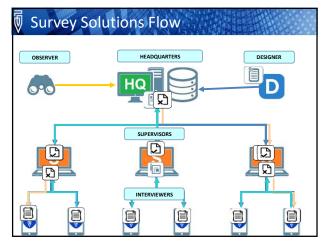


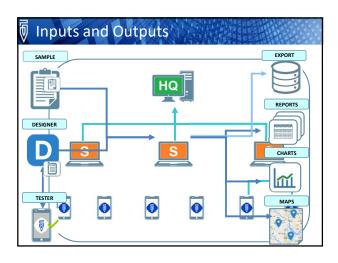


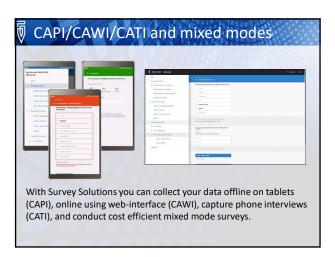


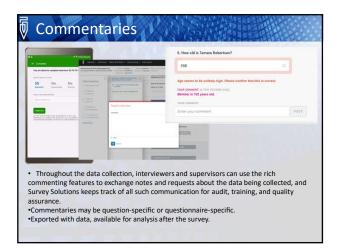


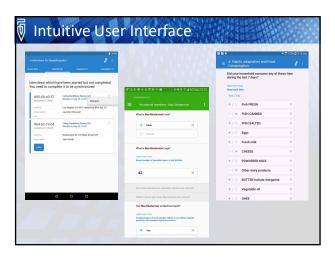


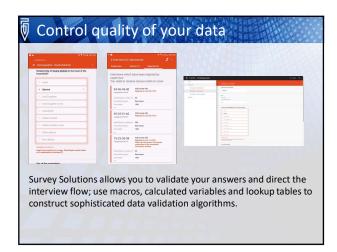




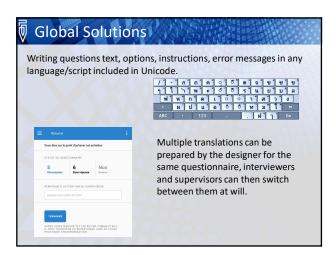


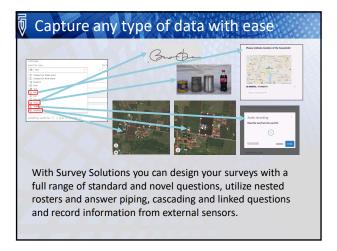


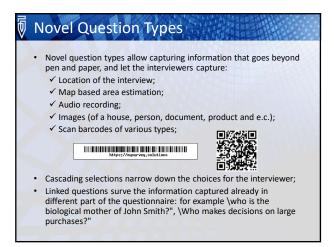


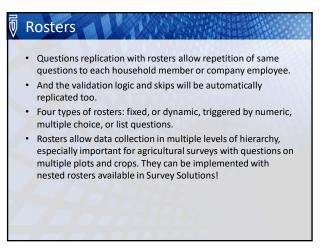


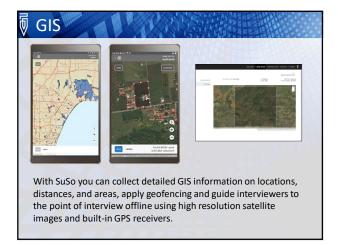


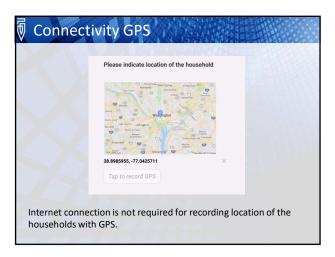




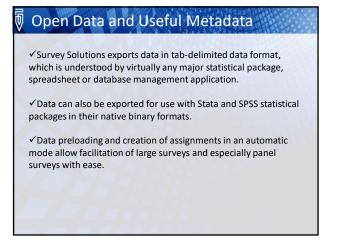


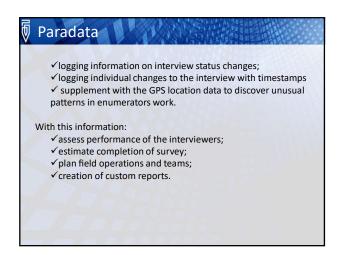


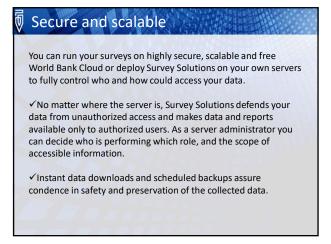




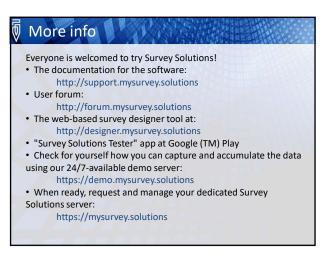




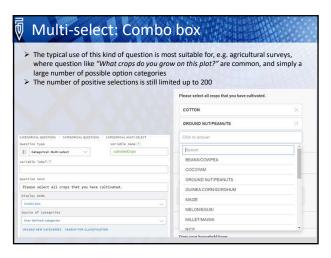


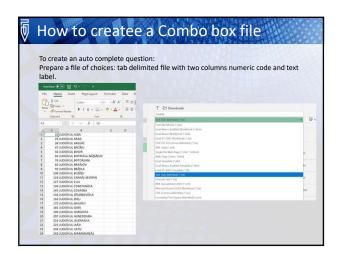


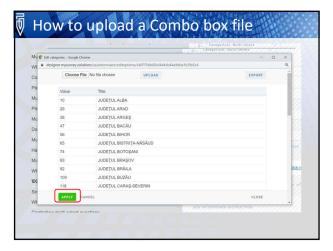




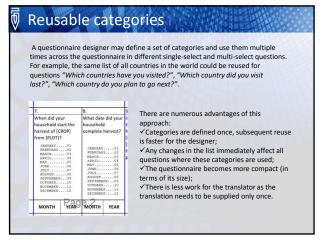


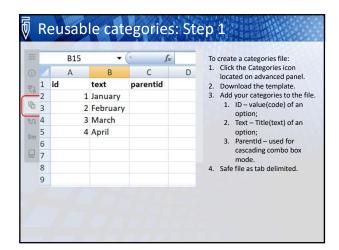


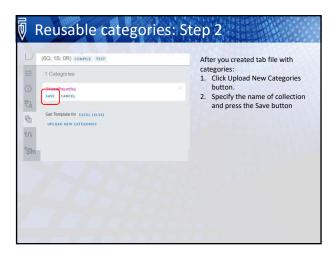


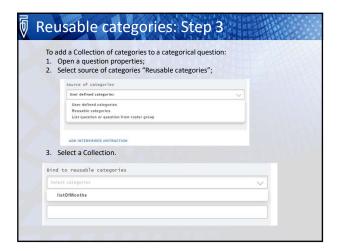






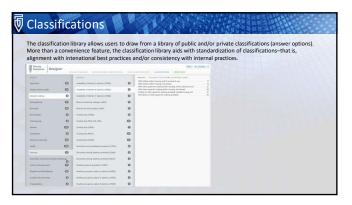


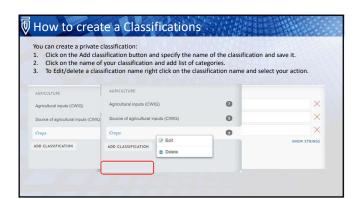


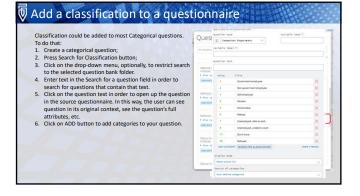


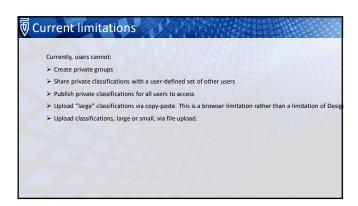




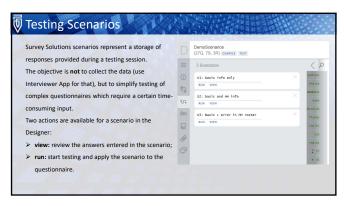


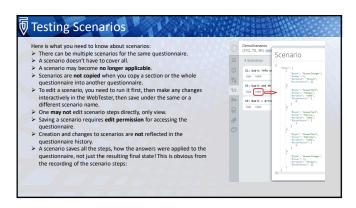




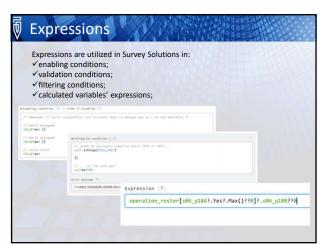


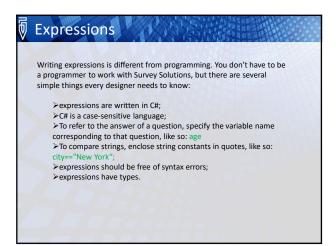


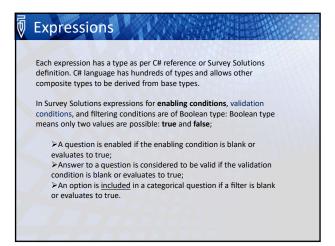










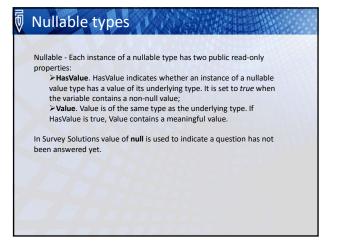


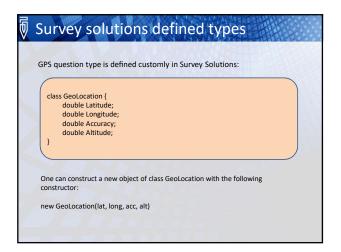
Common types used to define calculatable variables are

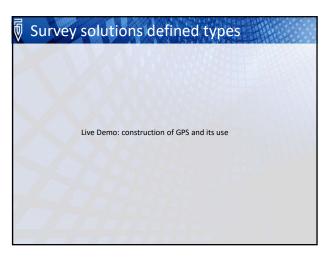
>bool? – Boolean nullable – for logical expressions;
>long? – Long nullable – for storing integer values;
>double? – Double nullable – for storing fractional values;
>string – for storing strings (text);
> DateTime? – Date/Time nullable – for storing timestamps with properties: Year, Month, Day, Hour, Minute, Second, and others;

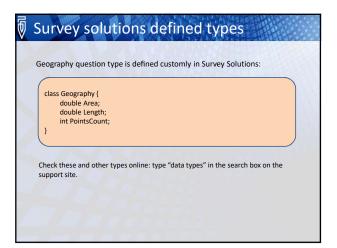
In C# a question mark following the type signifies the type which is nullable, meaning null is a possible value;

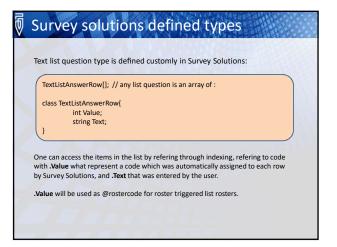
Typical use of nullable value type is when needed to represent the undefined value of an underlying value type. For example, a Boolean, or bool, variable can only be either true or false. However, in some cases a variable value can be undefined or missing. For example, a database field may contain true or false, or it may contain no value at all, that is, NULL. The bool? type is used in those scenarios.

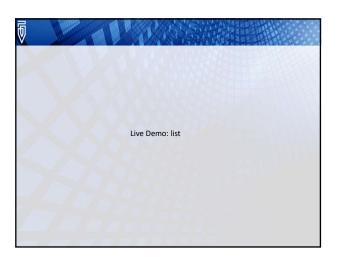






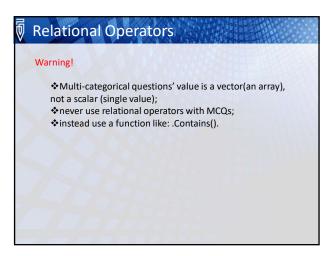


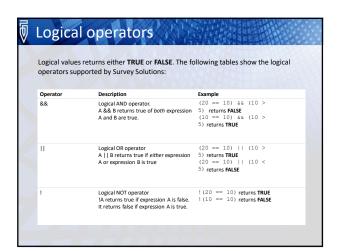


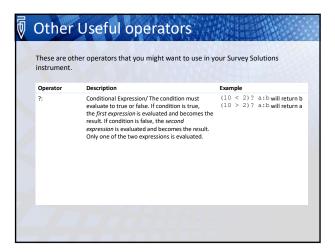


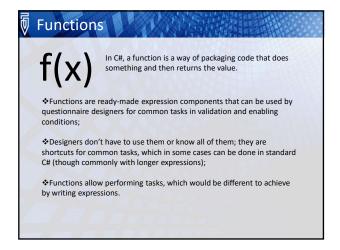
Solutions. A	g table shows the arithmetic operator rithmetic expressions are evaluated fi sume A = 20 and B = 10	
Operator	Description	Example
+	Addition: returns the sum	A + B = 35
-	Subtraction: returns the difference	A - B = 10
*	Multiplication: returns the product	A * B = 200
/	Division: returns the quotient	B / A = 2
%	Modulus: returns the remainder after an integer division	B % A = 0 (The remainder of 20 divided by 10 is 0)

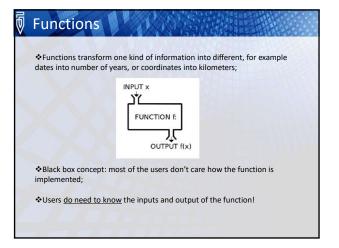


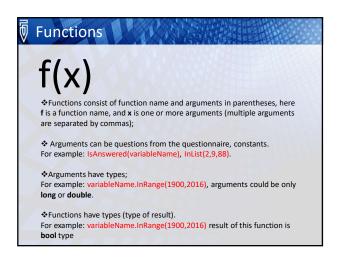


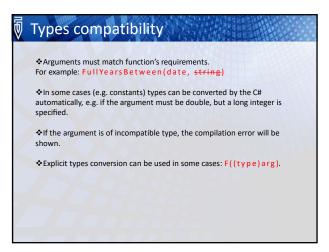


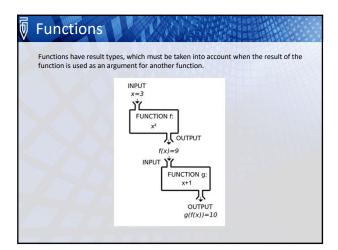


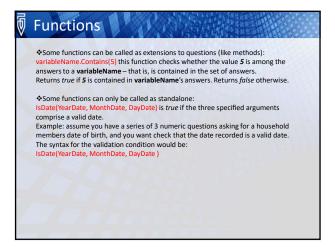


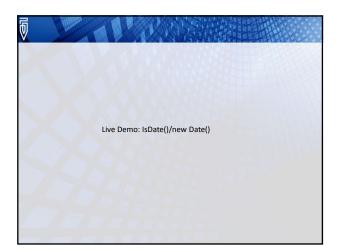


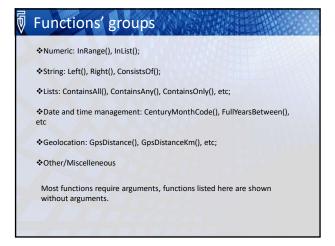


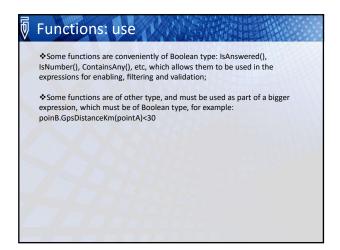


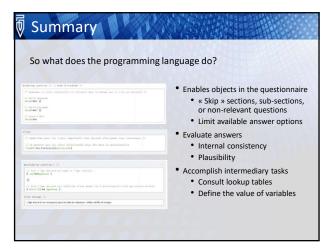


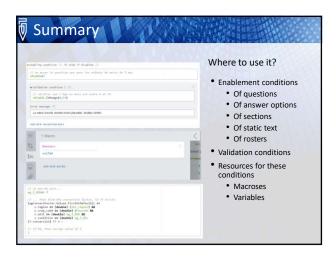




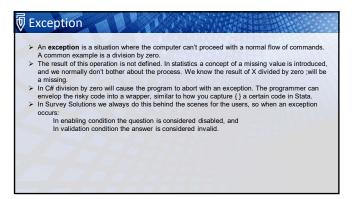


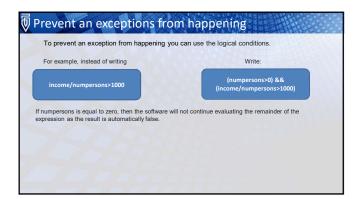


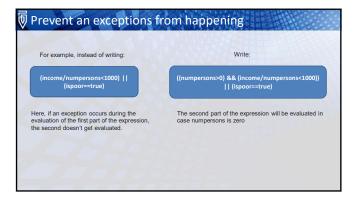


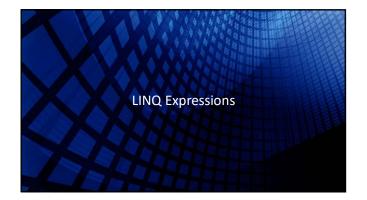


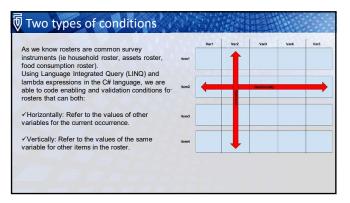




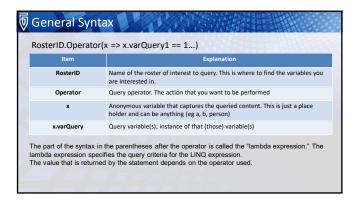


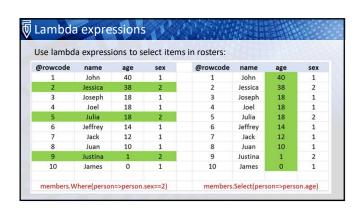


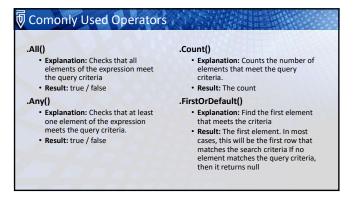


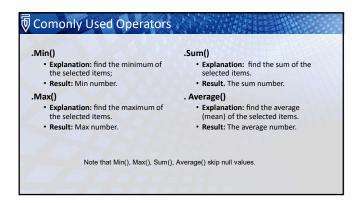


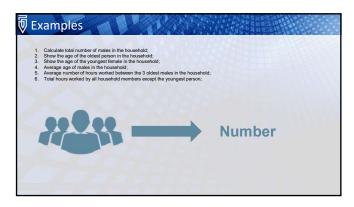




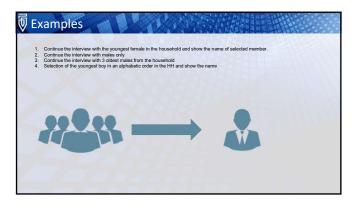


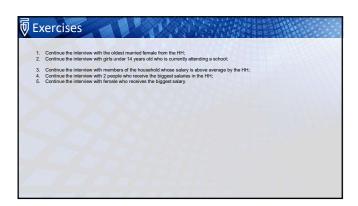




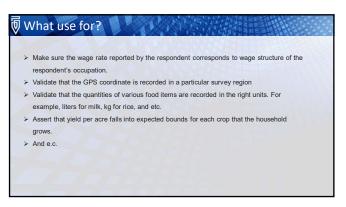


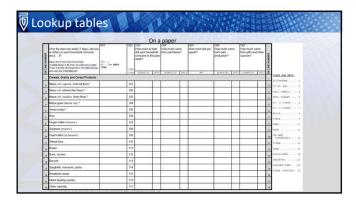


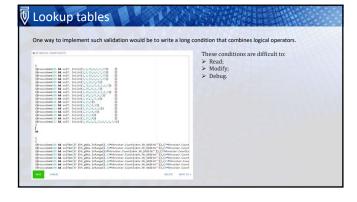












What are the lookup tables

- Lookup tables are tables of multiple values for a large set of similar items.

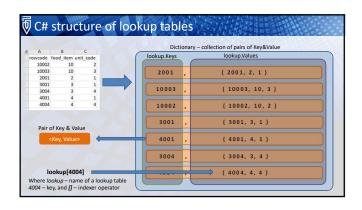
- Lookup tables are used to simplify validation and enablement conditions.

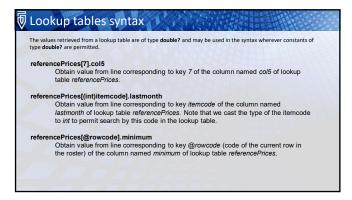
- A questionnaire can refer to multiple lookup tables of various sizes.

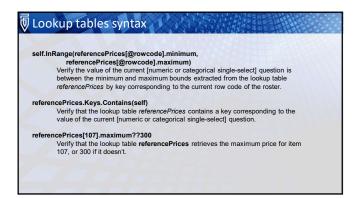
- Each lookup table must have a unique name.

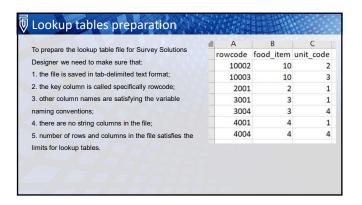
- The values from lookup tables can be accessed by specifying three coordinates: table name, rowcode, and column name.

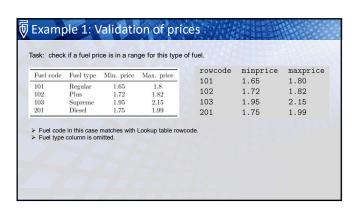
	rowcode C <sub>1</sub>	colname <sub>1</sub>	colname <sub>2</sub>	$V_{1,k}$
	$C_2$	$V_{1,1} = V_{2,1}$	$V_{1,2} =  V_{2,2} = -$	$V_{1,k}$ $V_{2,k}$
	$C_m$	V <sub>m,1</sub>	V <sub>m,2</sub>	- V <sub>m,k</sub>
e lookup tabl	es must conf	orm to the f	ollowing format:	
				meric columns with reference data.
Values in "ro	wcode" colur	nn must be	integer and uniq	ue.
		in repetitive	content, as wel	as fractions(not-integer values).
Other colum	ns may conta			
			00 rows of refere	



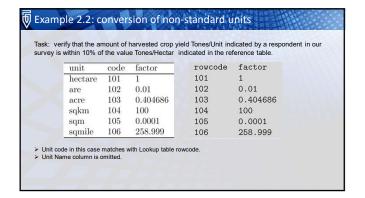


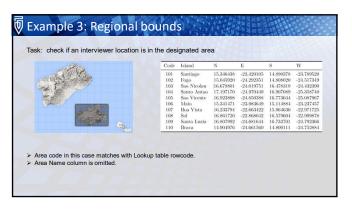


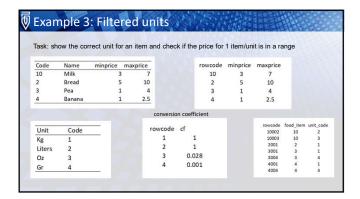


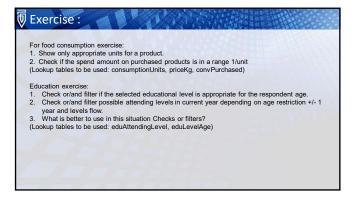


Code 101 102 103 104 105 106 107 108 109 110 111 112 113 114	Name Wheat Corn Rye Rice Barley Chickpea Drybean Lentil Potato Onion Gr.pepper Tomato Cucumber Sunflower	Dry 1.75 1.70 1.50 4.62 2.20 1.80 1.50 1.00 13.90 9.20 16.00 32.40 1.15	Irrigated 2.00 4.70 1.50 4.62 2.20 1.80 1.50 1.60 1.390 18.60 16.00 32.40 16.70	Task: verify that the amount of harvested crop yield Tones/Hectar indicated by a respondent in our survey is within 10% of the value indicated in the reference table.  > Crop code in this case matches with Lookup table rowcode. > Crop Name column is omitted.	rowcode 101 102 103 104 105 106 107 108 109 110 111 112 113 114	Dry 1.75 1.70 1.50 4.62 2.20 1.80 1.50 1.00 13.90 9.20 16.00 32.40 16.70 1.15	Irrigated 2.00 4.70 1.50 4.62 2.20 1.90 1.50 1.00 13.90 18.60 16.00 32.40 16.70 1.70
115	Groundnut	2.40	2.40		115 116	0.93	0.93
117	Sugarbeet	40.29	40.29		117	40.29	40.29
118	Tobacco	0.90	0.90		118	0.90	0.90
119	Melon	10.40	18.30		119	10.40	18.30
120	Alfalfa	11.00	11.00		120	11.00	11.00
121	Fodder	3.10	3.10		121	3.10	3.10
122	Sovbean	1.60	1.60		122	1.60	1.60
123	Sesame	1.25	1.25		123	1.25	1.25

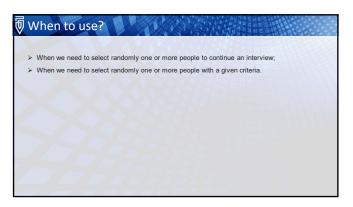


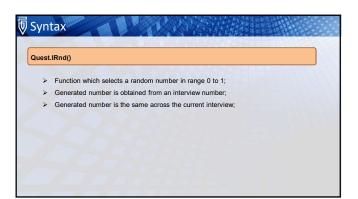


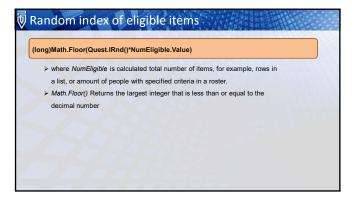


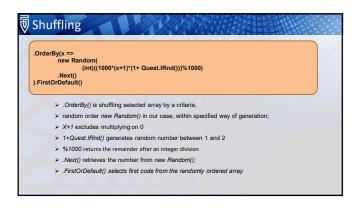


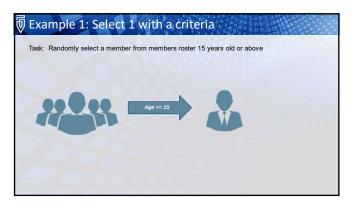


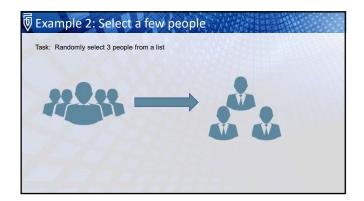


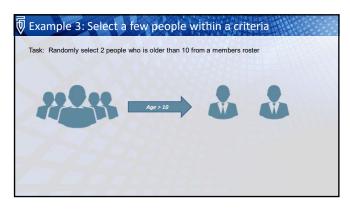


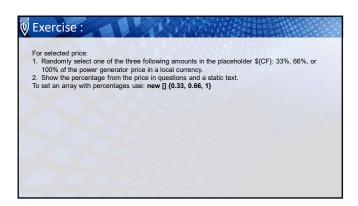




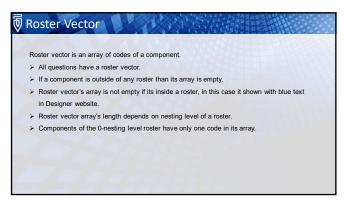


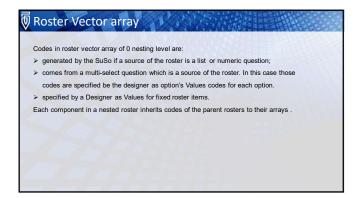






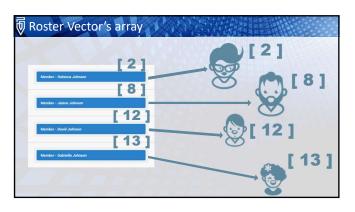


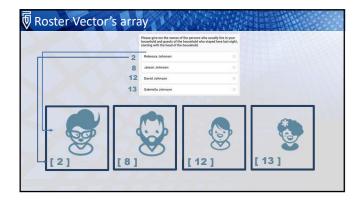


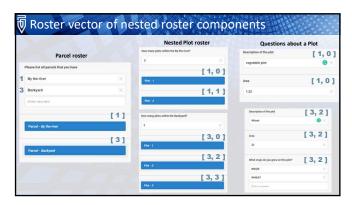




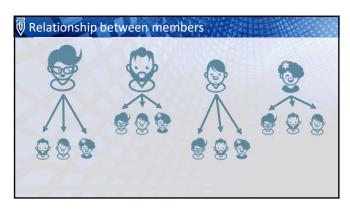


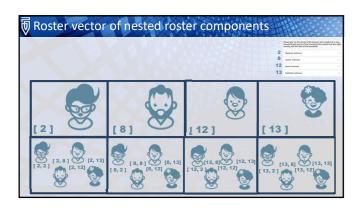


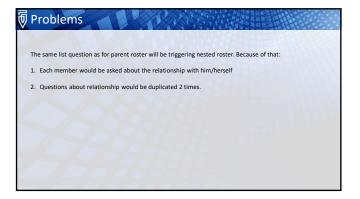


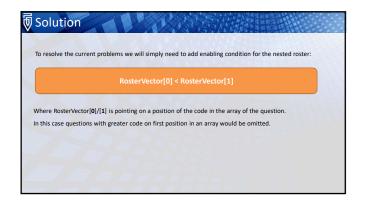


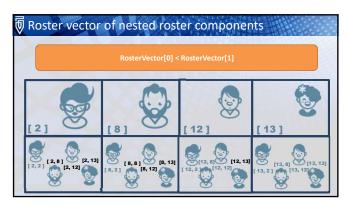






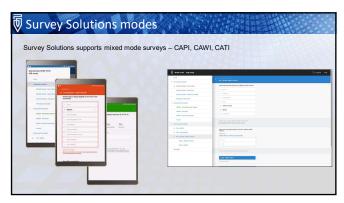


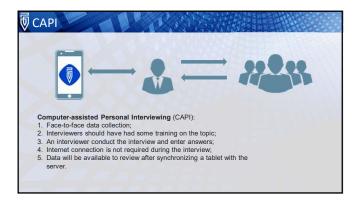


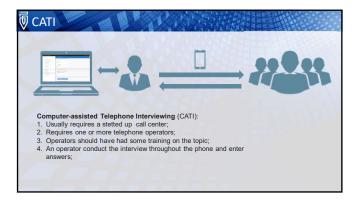


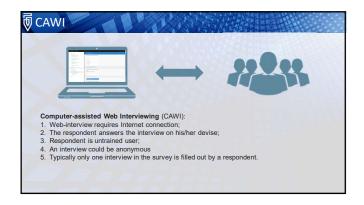


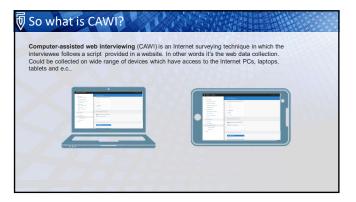


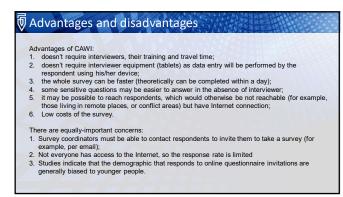




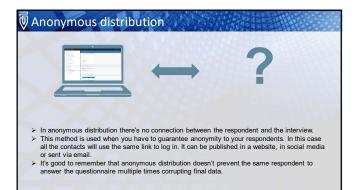


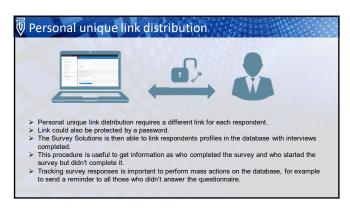


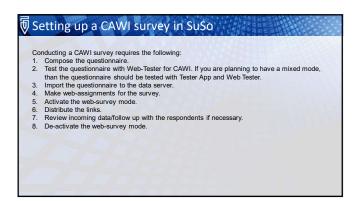


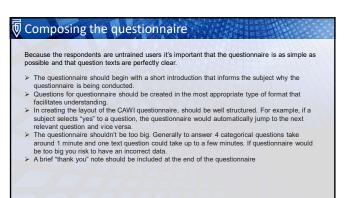






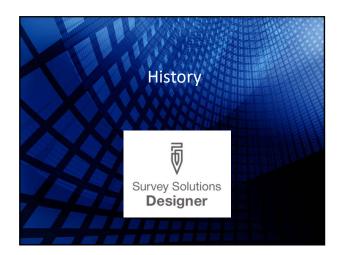


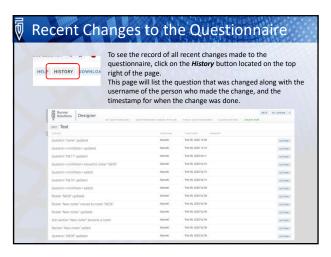


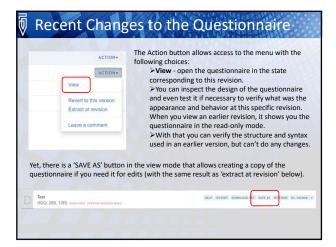


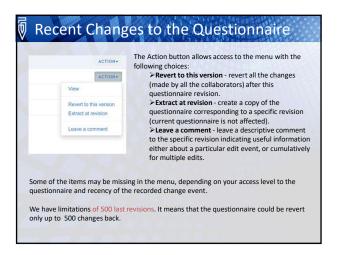
## Continuing interviews

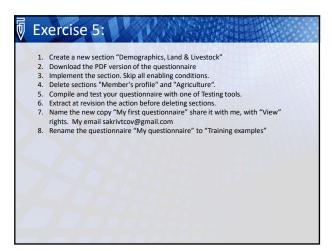
- Some web interviews may be quite lengthy, difficult to fill out in one seating either because of the respondent not being available for so long, or because of the connectivity issues.
   To continue working on the interview the respondent must open exactly the same URL he/she sees during the interviewing.
   This URL may be different from the one contained in the originally received invitation. The respondent may copy and preserve the URL from his/her browser's address line at any time.
   In addition, if the bulk email service is set up by the server administrator, the user will be asked for the contact email at the beginning of the interview. If the email is provided, a message containing the continuation link will be sent to that email.



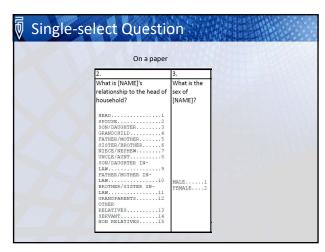


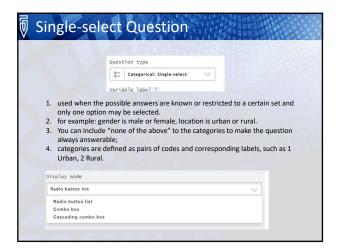


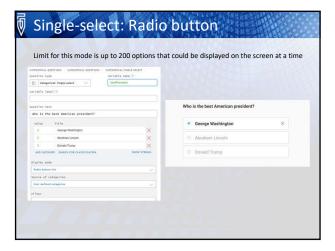


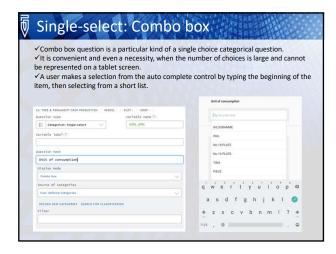


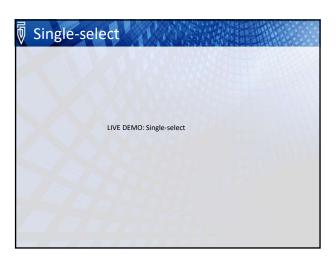


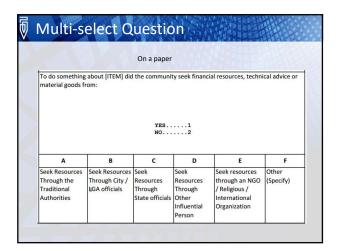


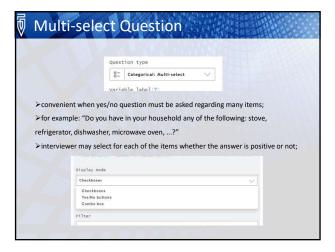


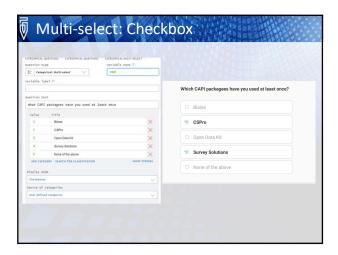


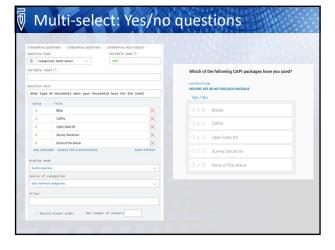


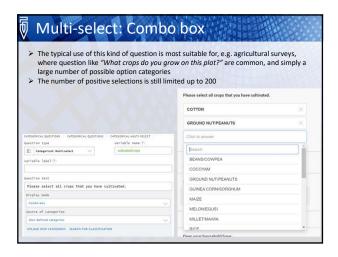


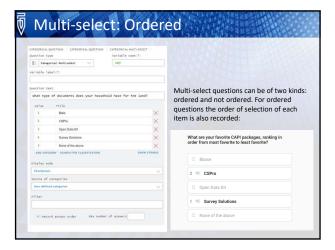


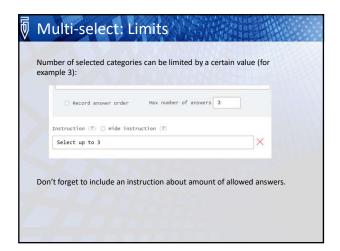


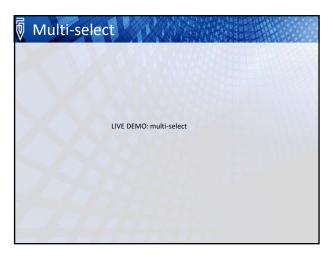


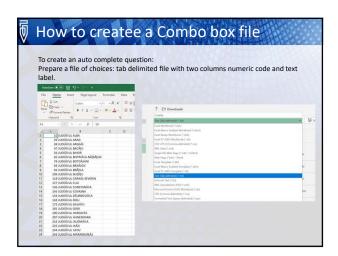


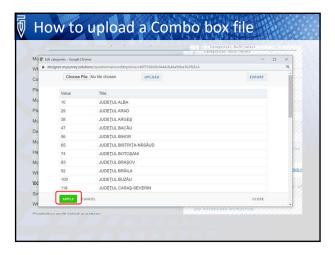


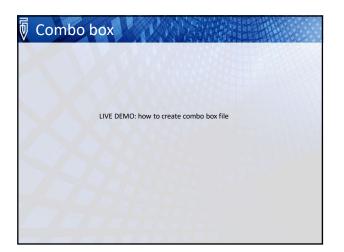


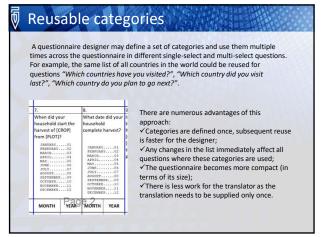


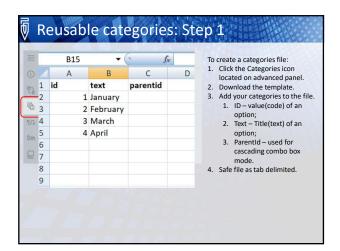


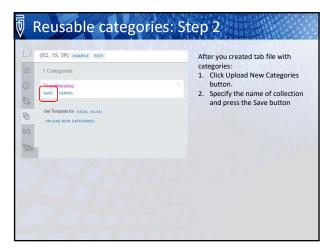


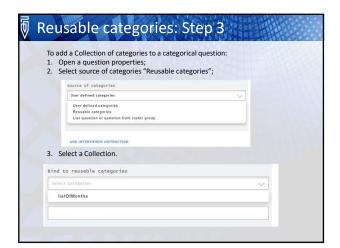


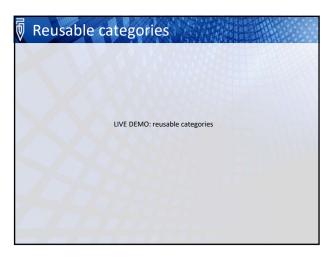


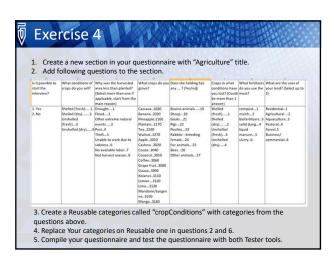




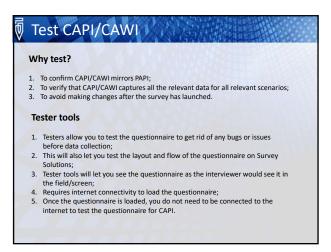


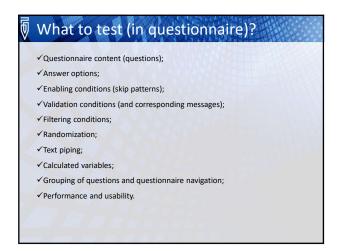


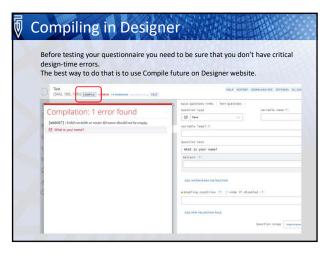


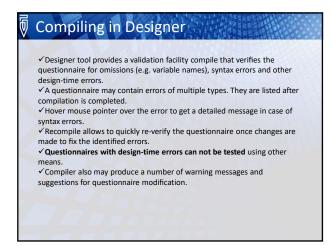


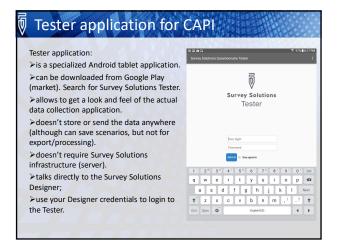


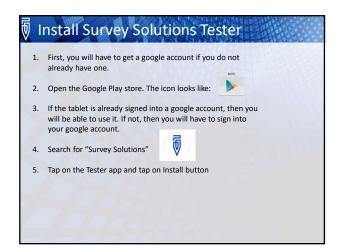




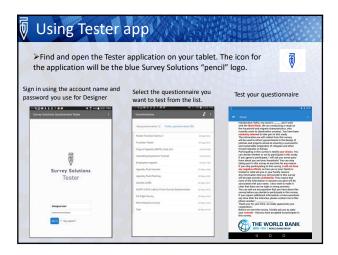


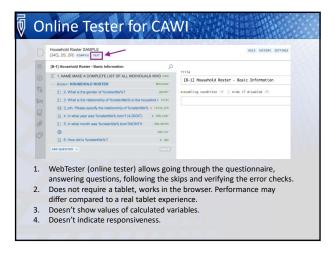




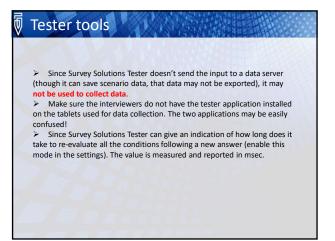


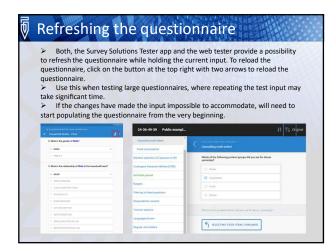




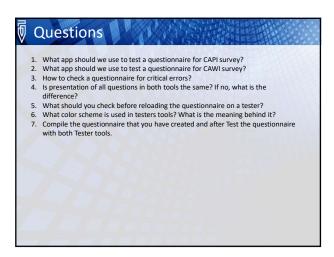






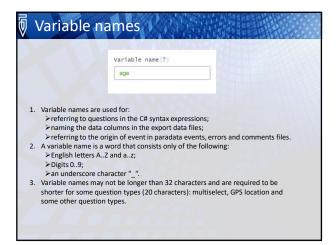


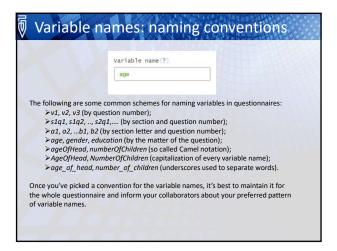


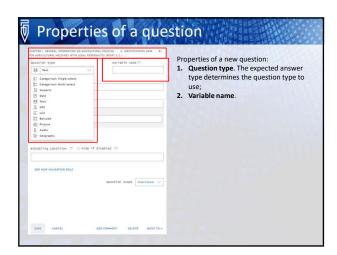


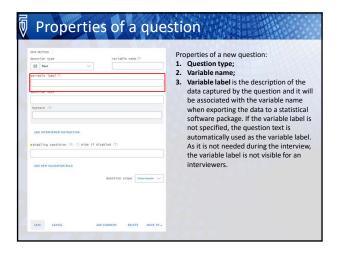


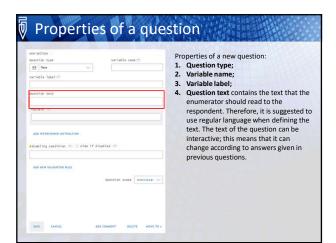


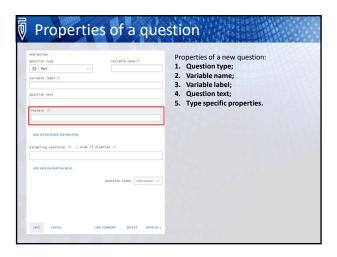


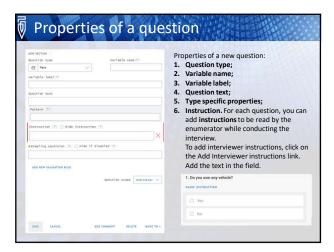


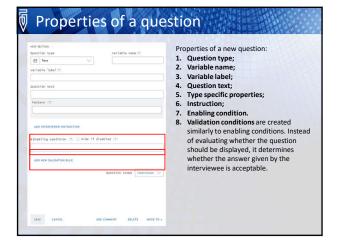


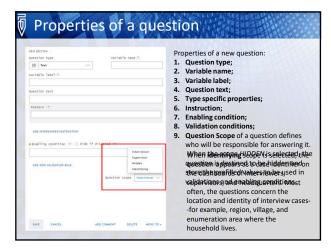


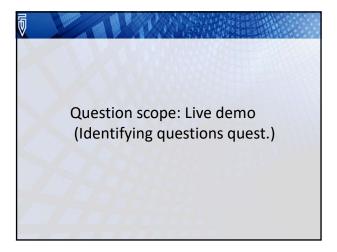


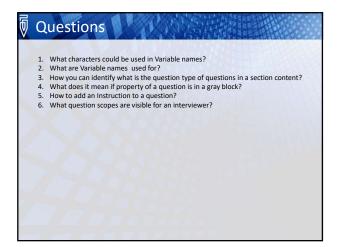


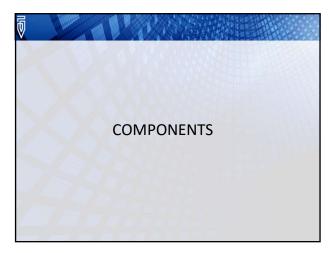


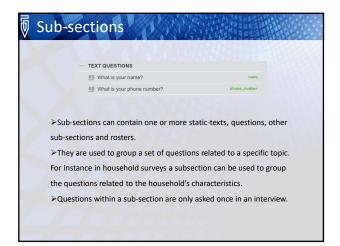


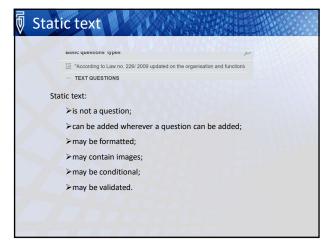


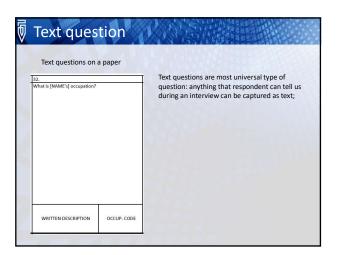


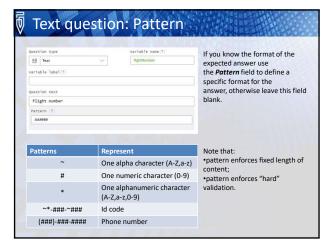


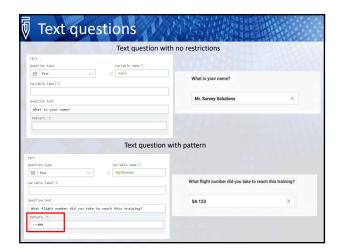


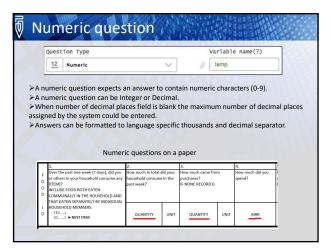


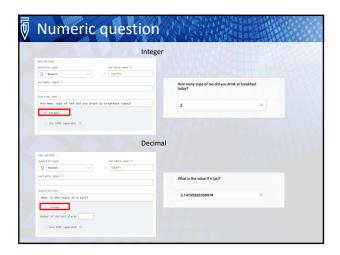


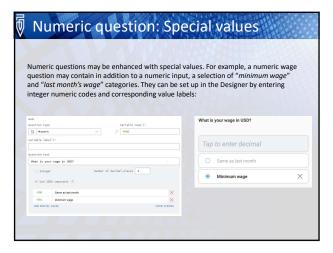












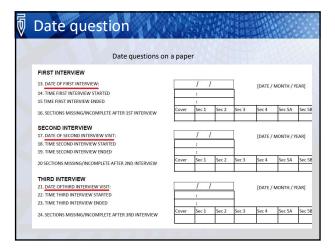
Numeric question: Special values

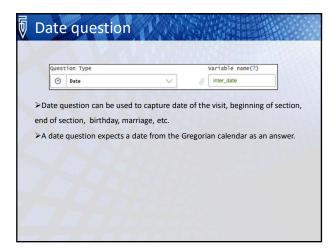
If the user enters a numeric value that happens to be a special value code, the corresponding special value option will be selected automatically on entry.

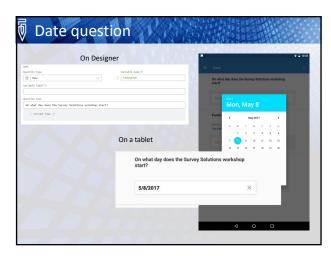
Special values are stored as codes and are exported in the same numeric variable, with labels defined in file formats that support value labels.

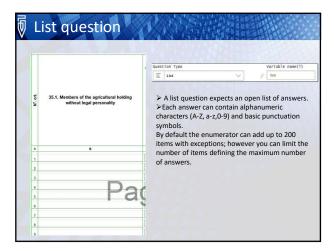
Note: the special values feature may be used to accommodate the common situations with capturing "Refusal", "Don't know", and similar.

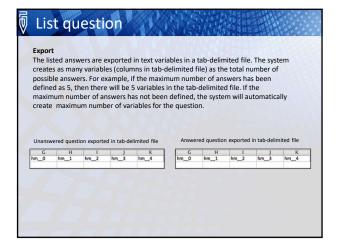
However, when such a special value is selected the question will be counted as answered, and the answer to the question will be treated as non-missing during the expressions evaluation

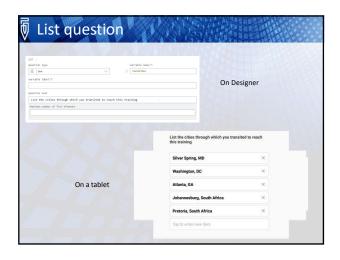


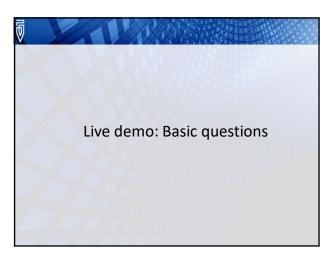


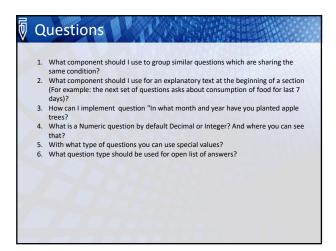


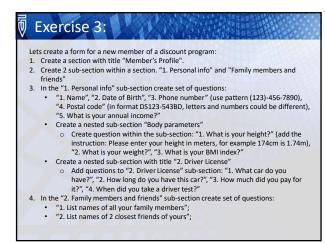




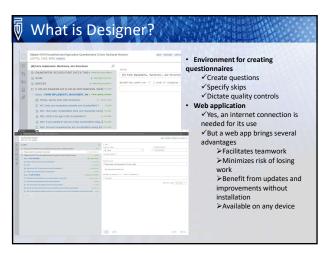






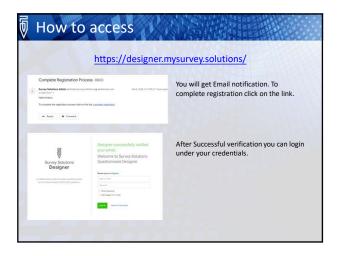


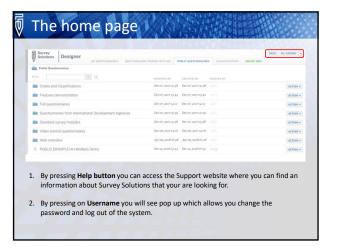


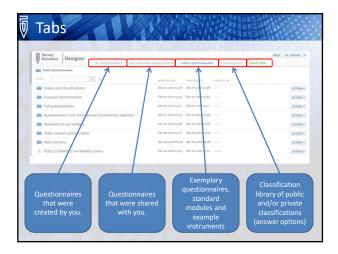


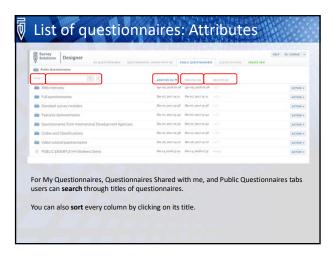


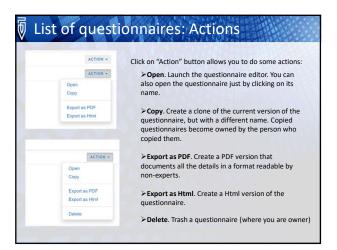


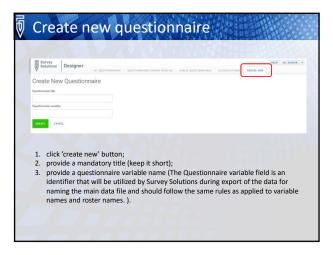


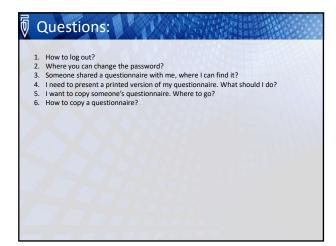


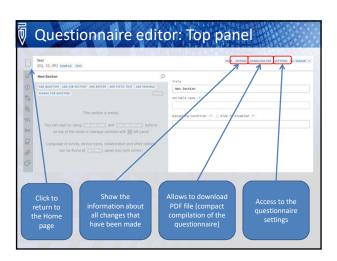


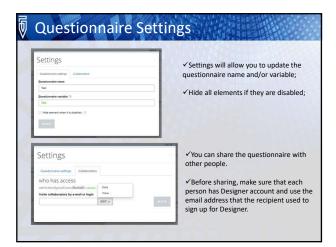


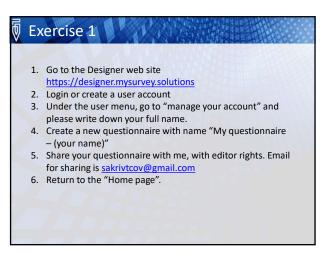


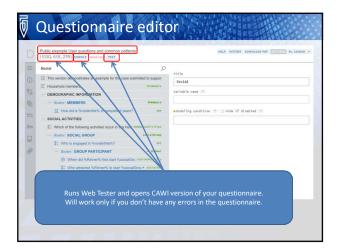


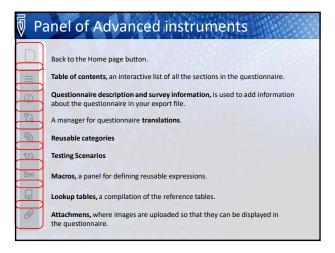


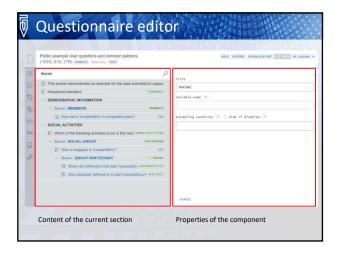


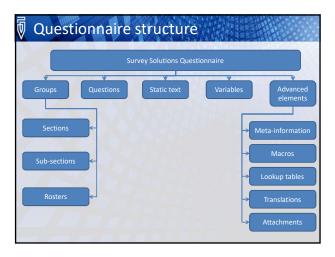


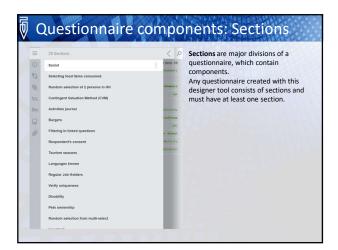


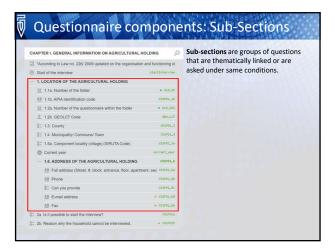


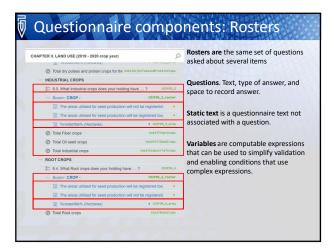


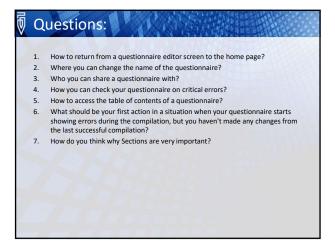




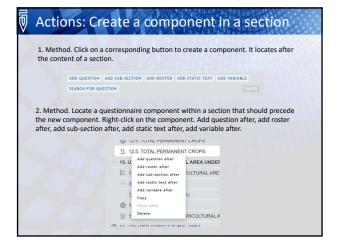


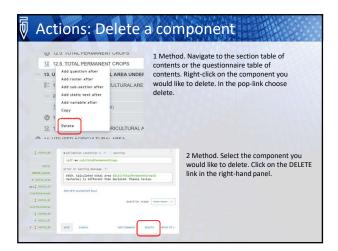


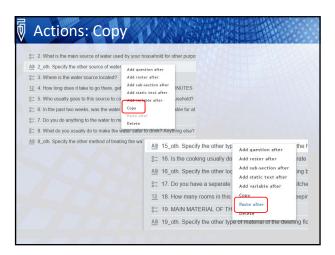


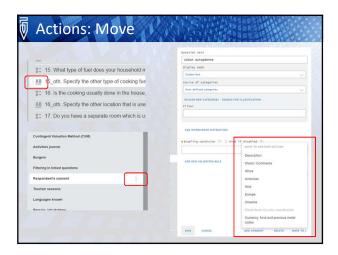


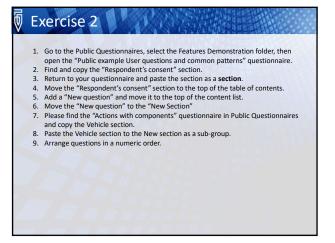












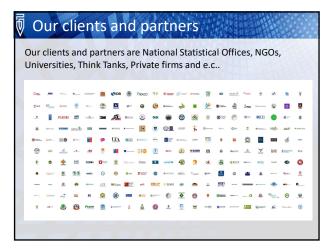




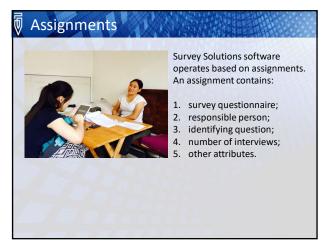


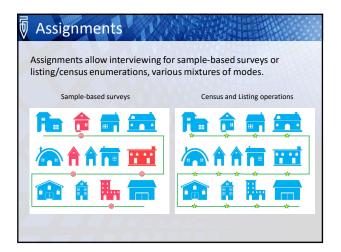


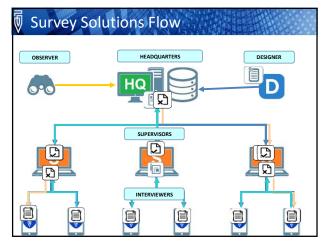


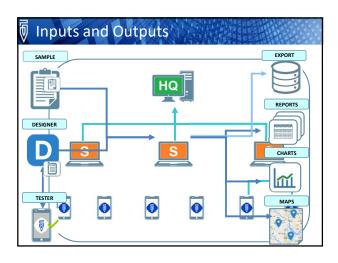


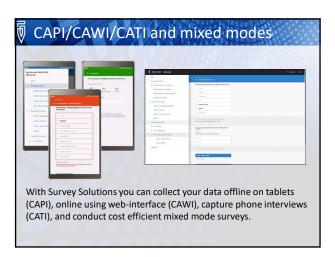


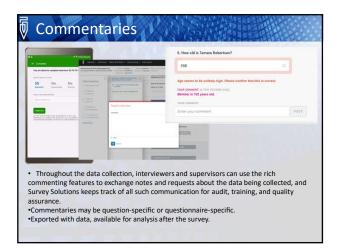


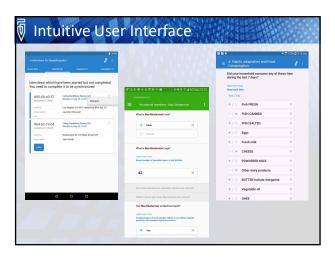


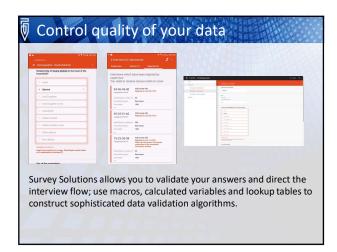




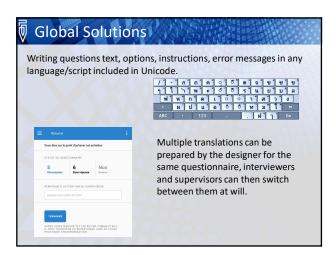


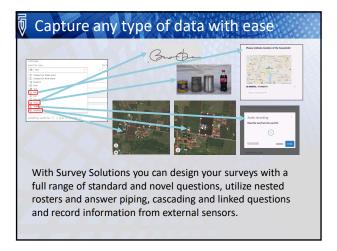


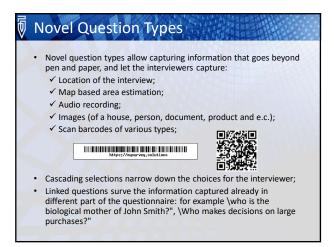


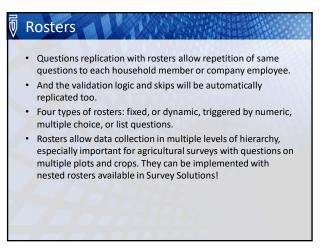


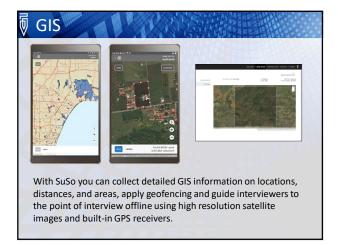


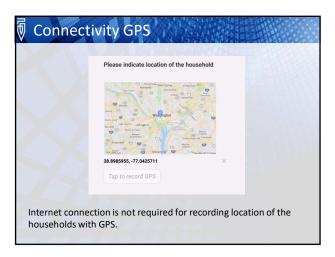




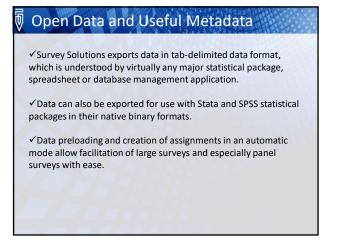


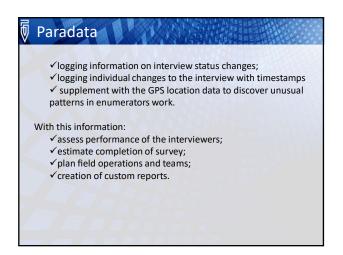


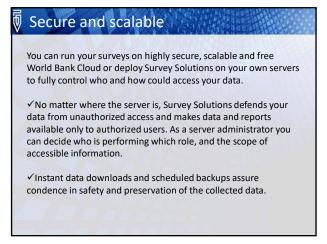








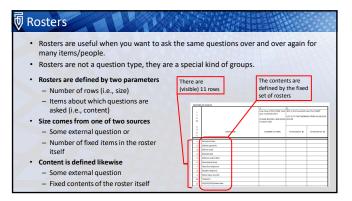


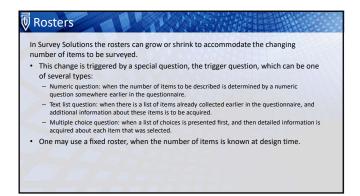


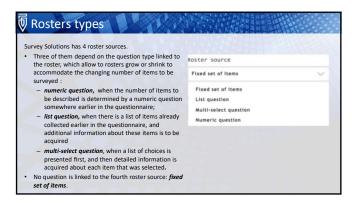






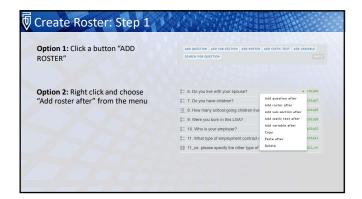




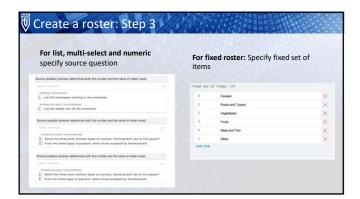


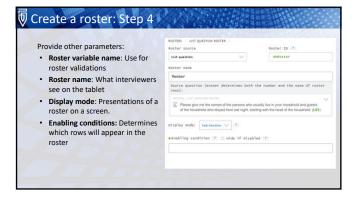


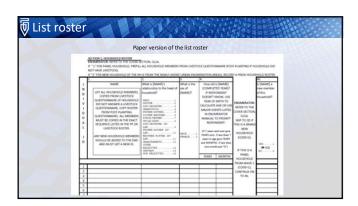


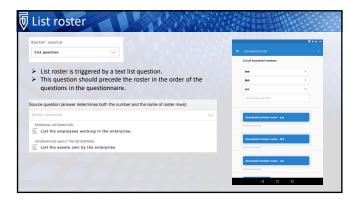


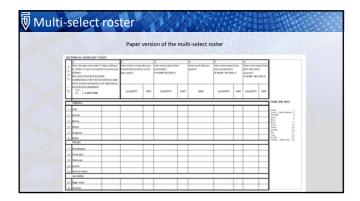


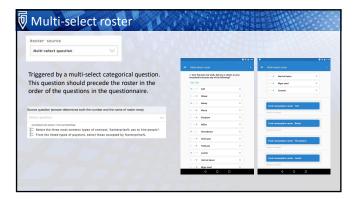


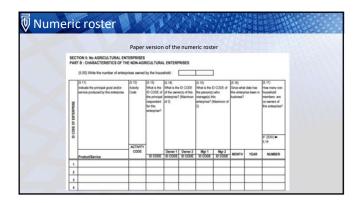


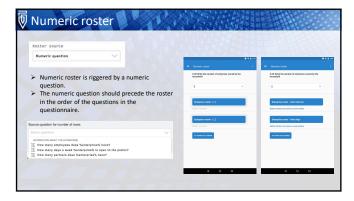




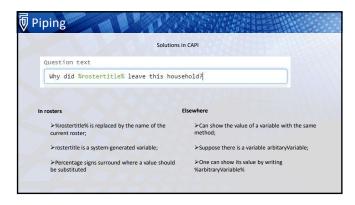


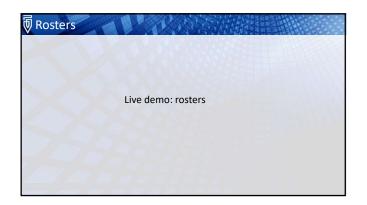


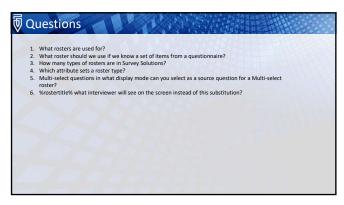


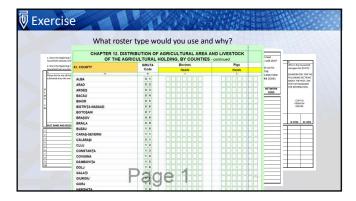


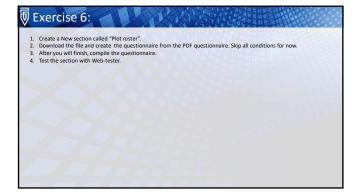












Rosters can be nested (included one into another).

Typical use situations:

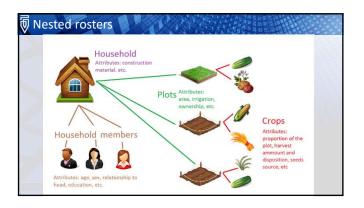
for every plot that the household owns, ask about which crops are grown on them;

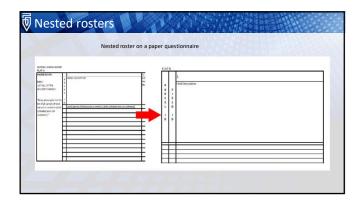
for every household member ask about every job the person ever had before;

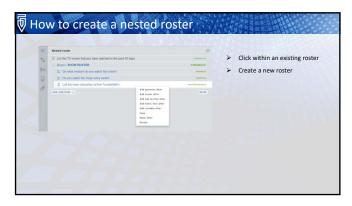
for every production item ask about components, and suppliers of these components, and characteristics of these suppliers;

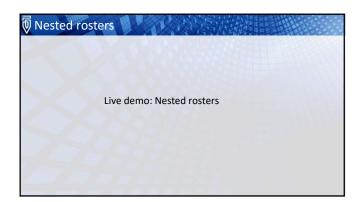
One can include rosters of different types one into another, for example, first level roster: list-triggered household members information, second level roster triggered by numeric question how many university degrees does this person have? collecting information on each degree (year, country, university name, field, etc);

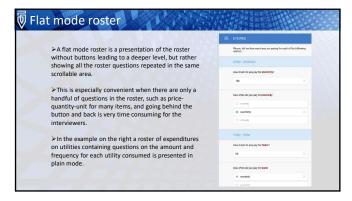
Maximum nesting depth for rosters is 4.

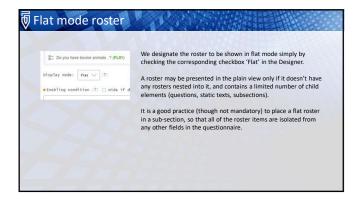


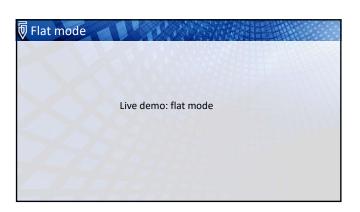


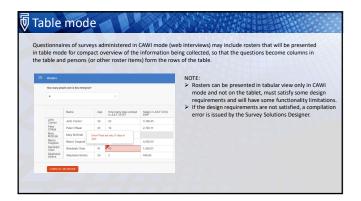


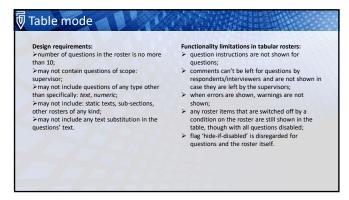


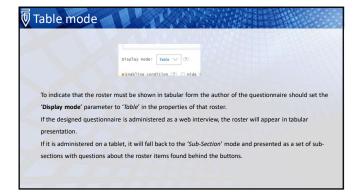


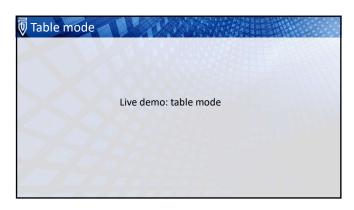


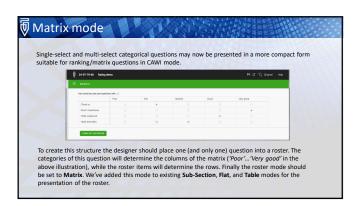


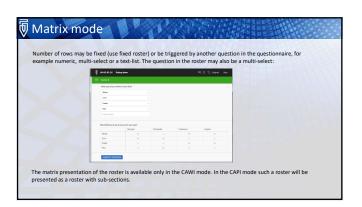


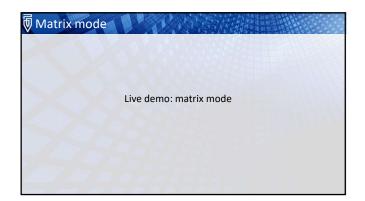


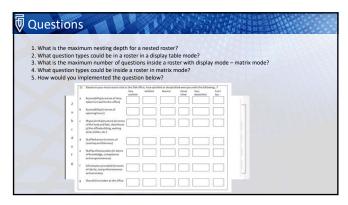






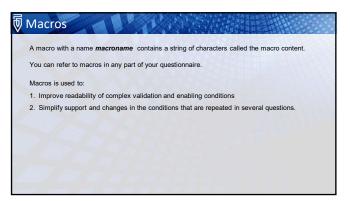


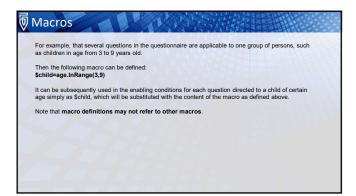




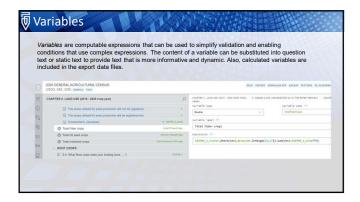


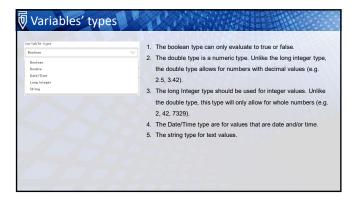


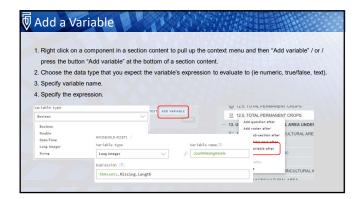


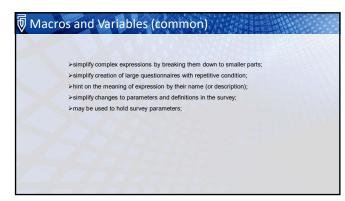


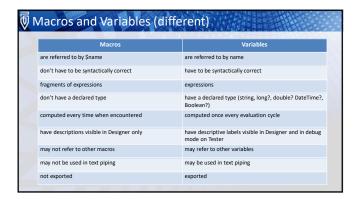


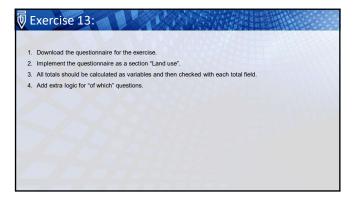




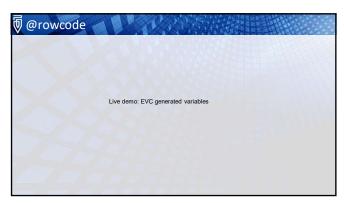


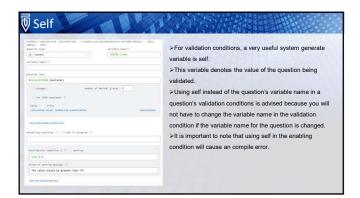


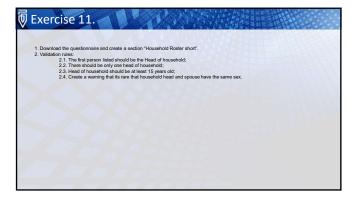


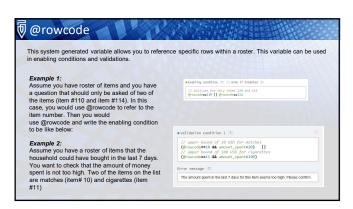




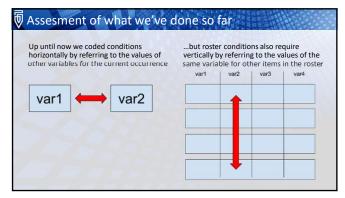


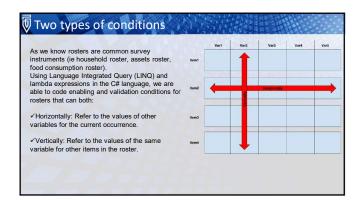




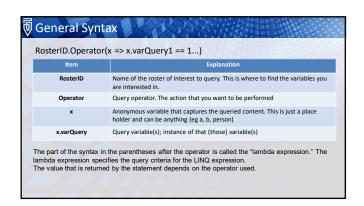




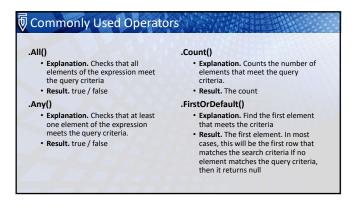


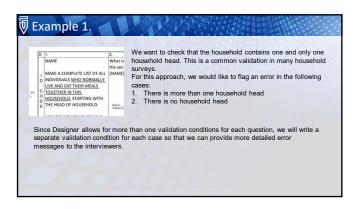


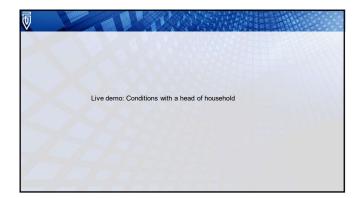


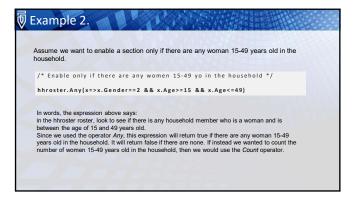


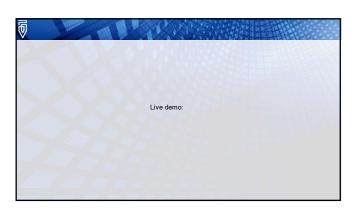
Jse lambd	a expressi	ons to s	elect item	ns in rosters:			
@rowcode	name	age	sex	@rowcode	name	age	sex
1	John	40	1	1	John	40	1
2	Jessica	38	2	2	Jessica	38	2
3	Joseph	18	1	3	Joseph	18	1
4	Joel	18	1	4	Joel	18	1
5	Julia	18	2	5	Julia	18	2
6	Jeffrey	14	1	6	Jeffrey	14	1
7	Jack	12	1	7	Jack	12	1
8	Juan	10	1	8	Juan	10	1
9	Justina	1	2	9	Justina	1	2
10	James	0	1	10	James	0	1



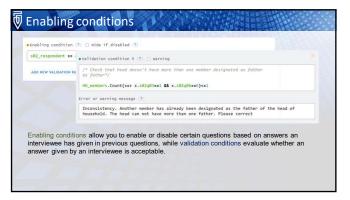


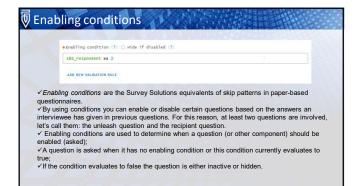


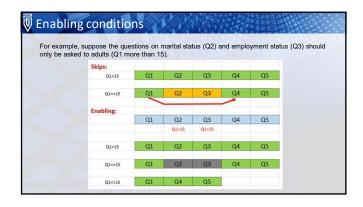


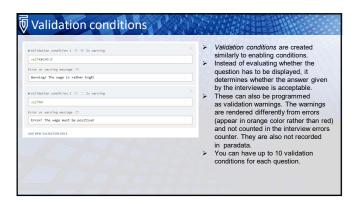


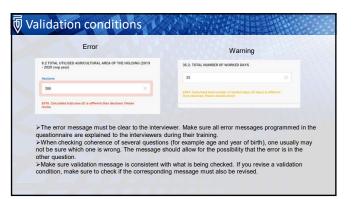


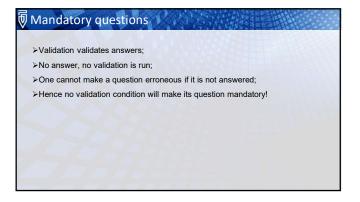


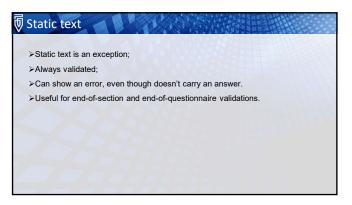


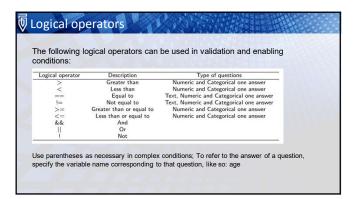


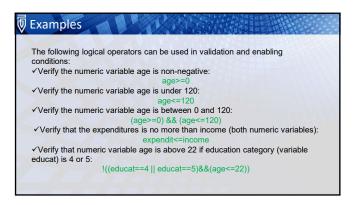


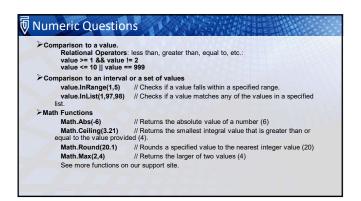


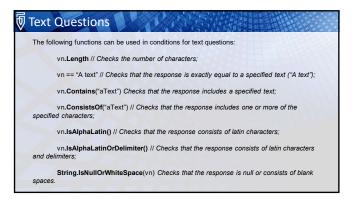


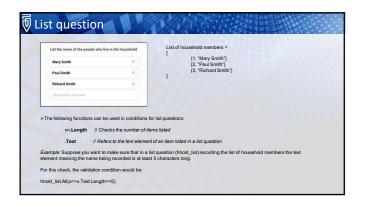


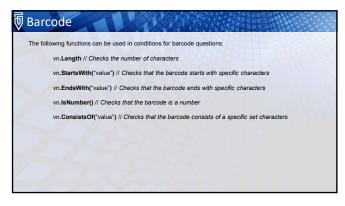


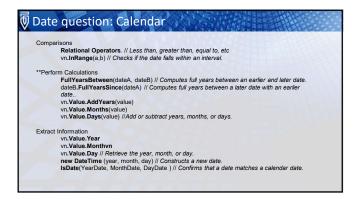


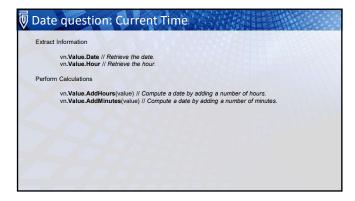


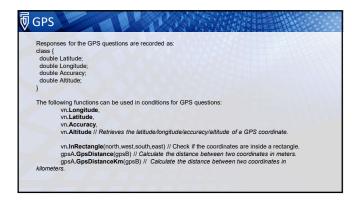


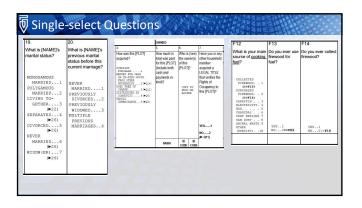


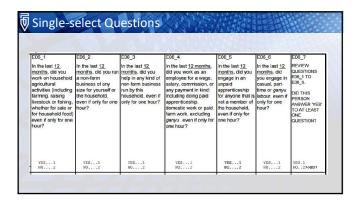


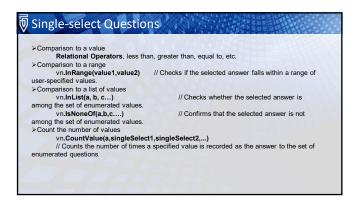


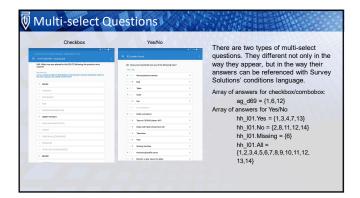


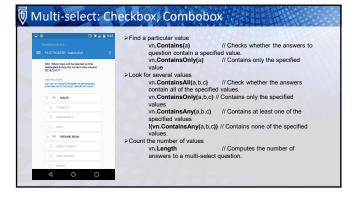


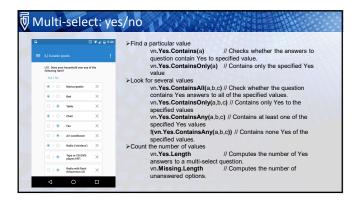


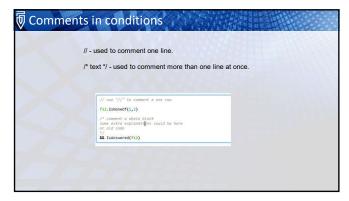


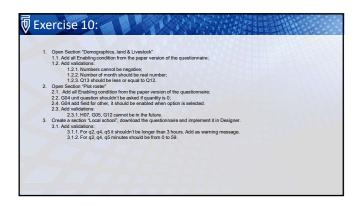




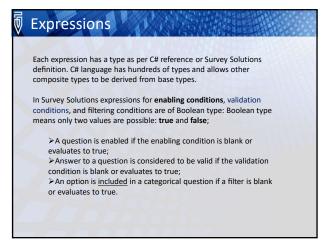




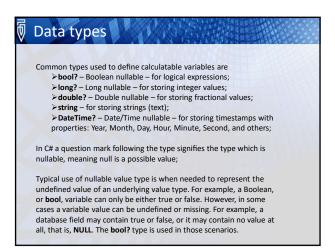


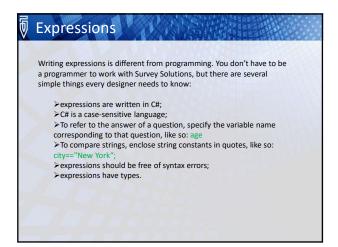


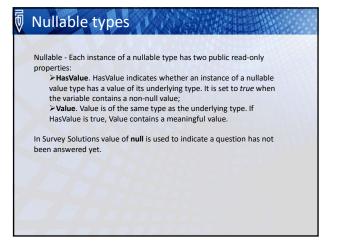


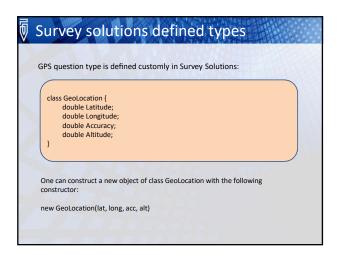


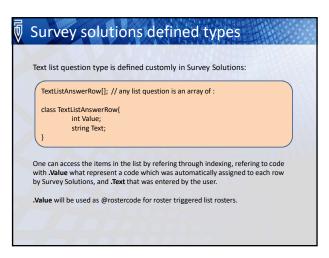


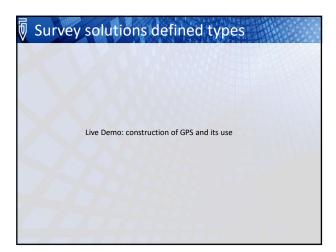


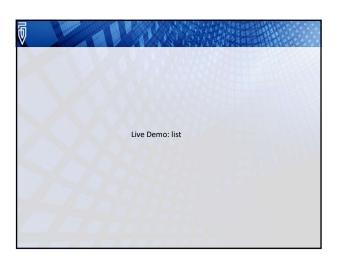


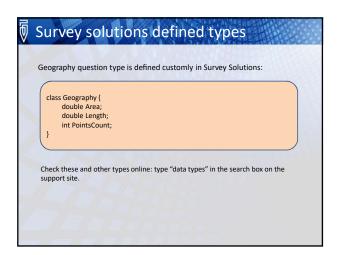


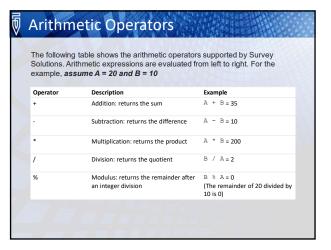




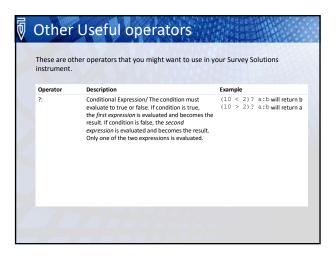


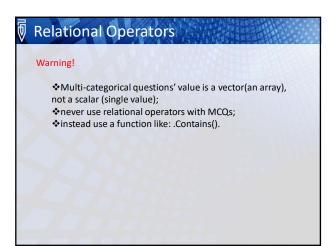


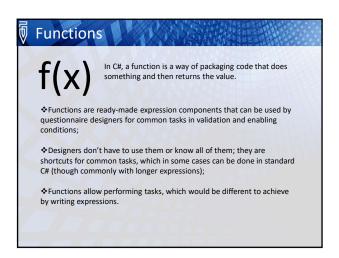


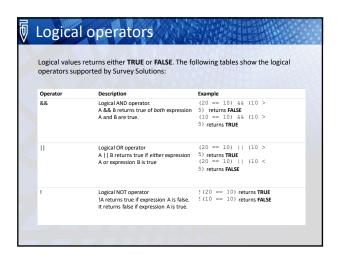


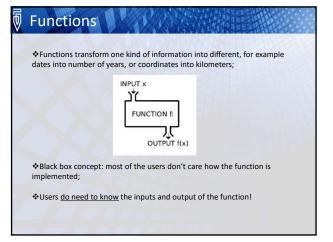


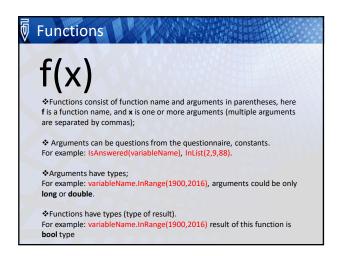


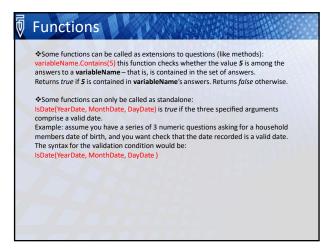


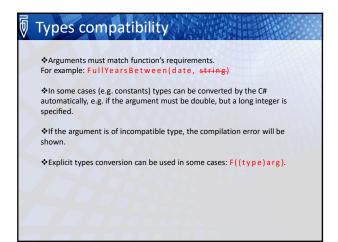




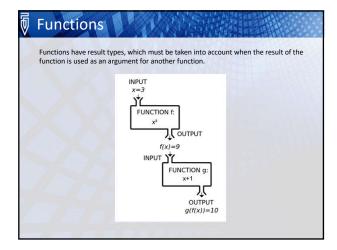


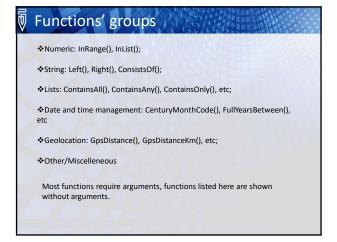


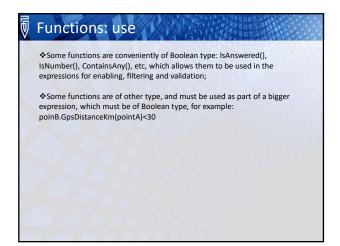


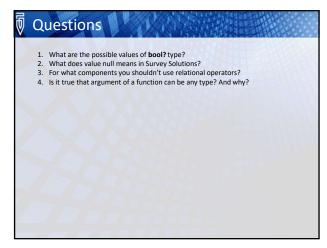


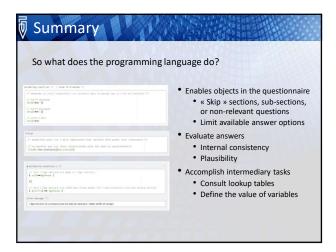


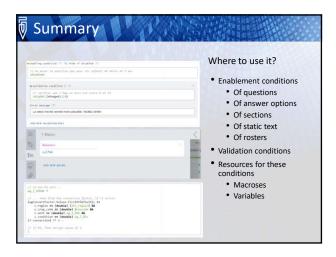


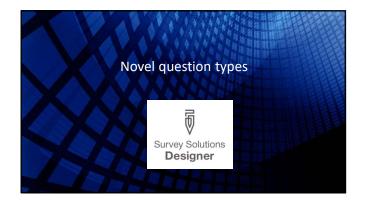


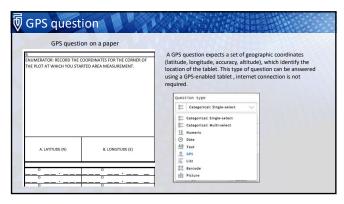


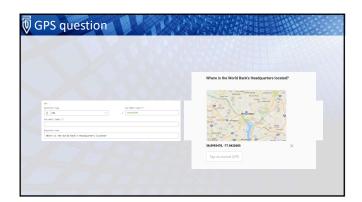


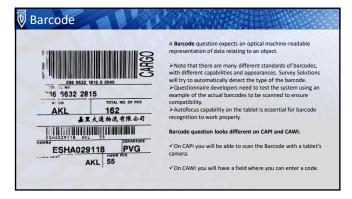




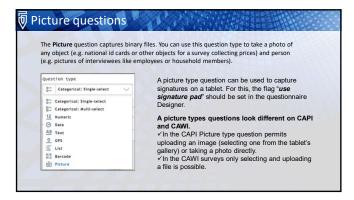


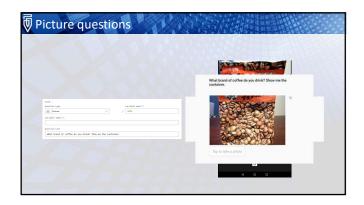


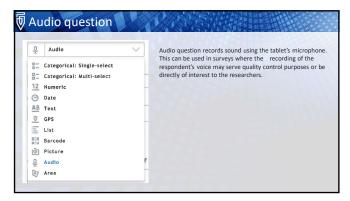


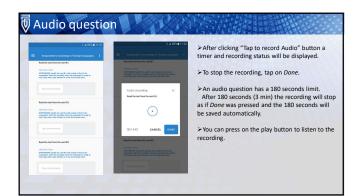


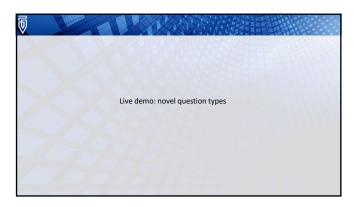


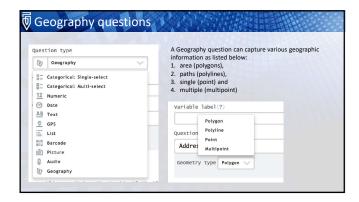


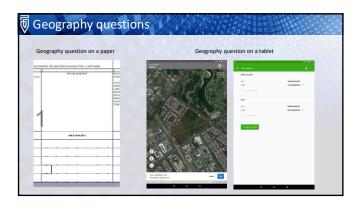


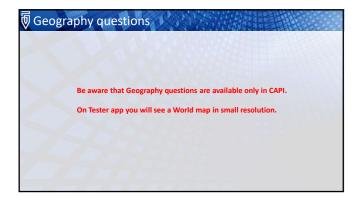


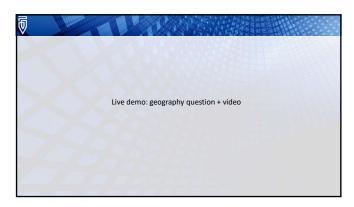


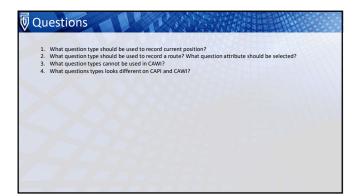


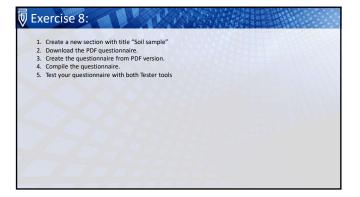












Sections: 13, Sub-sections: 36, Questions: 124. Questions with enabling conditions: 16 Questions with validation conditions:8 Rosters: 16 Variables: 9



# Romania Beginners Examples

# SURVEY IDENTIFICATION INFORMATION QUESTIONNAIRE DESCRIPTION

#### **BASIC QUESTIONS' TYPES**

Sub-sections: 4, No rosters, Questions: 11, Static texts: 13.

## CATEGORICAL QUESTIONS

Sub-sections: 4, No rosters, Questions: 14, Static texts: 15.

# **ROSTERS**

Sub-sections: 4, Rosters: 4, Questions: 14.

## **ROSTER DISPLAY MODES + NESTED ROSTER**

Sub-sections: 4, Rosters: 6, Questions: 16.

## **NOVEL QUESTION TYPES**

Sub-sections: 5, No rosters, Questions: 9, Static texts: 9.

# SYNTAX AND FUNCTIONS

Sub-sections: 3, No rosters, Questions: 7, Static texts: 3, Variables: 4.

# **ENABLING AND VALIDATION CONDITIONS**

Sub-sections: 5, Rosters: 2, Questions: 23.

#### MACRO & VARIABLES

No sub-sections, Rosters: 1, Questions: 7, Static texts: 2, Variables: 5.

#### **FILTERS**

Sub-sections: 3, Rosters: 2, Questions: 10.

## FORMATTING, ATTACHMENTS, AND SUBSTITUTIONS

Sub-sections: 2, No rosters, Questions: 2, Static texts: 5.

# ADVANCED CATEGORICAL QUESTIONS

Sub-sections: 2, Rosters: 1, Questions: 11.

### **RECOURCES AND COMMUNICATION**

No sub-sections, No rosters, No questions, Static texts: 6.

# **EXERCISES**

No sub-sections, No rosters, No questions, Static texts: 5.

APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

APPENDIX B — CATEGORIES

APPENDIX C — CATEGORIES FILTERS

**LEGEND** 

# SURVEY IDENTIFICATION INFORMATION QUESTIONNAIRE DESCRIPTION

# **Basic information**

Title Romania Beginners Examples

# **BASIC QUESTIONS' TYPES**

STATIC TEXT

- "According to Law no. 226/ 2009 updated on the organisation and functioning of the Romanian official statistics stipulating:
- "This law is applicable to all the natural and legal resident and non-resident in Romania, carrying out activities on the Romanian territory."
- "The data providers are obliged to transmit, to the official statistics producers, free of charge, reliable, updated and complete data, by observing the terms, periodicity, the format and collection method mentioned in the Annual National Statistical Programme and in compliance with the methodological norms.

The statistical survey is conducted in conformity with Regulation (EU) no 2018/1091 of the European Parliament and Council of 18 July 2018 on integrated farm statistics and repealing the Regulation (EU) no 1166/2008 and (EU) no 1337/2011

1337/2011.	
BASIC QUESTIONS' TYPES TEXT QUESTIONS	
STATIC TEXT	
Text questions capture alpha-numeric strings. In their sir form, they impose a structure on strings.	nplest form, they are open string questions. In a more advanced
What is your name?	TEXT name
STATIC TEXT	
Text that follows a designer-specified pattern	
What is your phone number?	TEXT phone_number
NUMERIC QUESTIONS  STATIC TEXT  Numeric questions capture open-ended numeric data (e. expenditure, etc.). Survey Solutions has a standard numeric data (e. expenditure, etc.).	g., age, quantity of food product consumed, monetary
STATIC TEXT	
Integers	
What year were you born?	NUMERIC: INTEGER yearOfBirtl
What is the area of owner farming?	NUMERIC: INTEGER owner_farming
STATIC TEXT	
Real numbers, with a designer-specified number of maxi	mum decimal places
What is the utilised agricultural area? (Hectares)	NUMERIC: DECIMAL utilised_area

STATIC TEXT

BASIC QUESTIONS' TYPES 4 / 74

values). price What is the price of Tesla car in Romanian leu? NUMERIC: DECIMAL **BASIC QUESTIONS' TYPES** DATE QUESTIONS Start of the interview DATE: CURRENT TIME start STATIC TEXT Timestamp questions capture the current time and date--that is, the hour, minute, second, day, month, and year when the question is answered. STATIC TEXT Date questions capture a calendar date--that is, day, month, and year. What is your date of birth? date\_of\_birth DATE STATIC TEXT Date questions with preset date. tax\_form When did you submit your last tax form in DATE 2019? BASIC QUESTIONS' TYPES LIST QUESTIONS STATIC TEXT List questions capture a series of text elements (e.g., names of members of a household, names of agricultural plots, etc.). List questions can be either of unrestricted length (with a system max of 40 elements) or of restricted length (where the max is designer-specified). STATIC TEXT List of unrestricted length Please list all members of your household HHmembers LIST STATIC TEXT List of designer-specified maximum length List three your most favourite colors LIST color I List up to 3 colors

Integer or real values with a thousands separator. This separator aids readability of large numbers (e.g., currency

BASIC QUESTIONS' TYPES 5 / 74

# CATEGORICAL QUESTIONS

CATEGORICAL QUESTIONS  CATEGORICAL QUESTIONS		
CATEGORICAL QUESTIONS / CATEGORICAL QUESTIONS CATEGORICAL SINGLE-SELECT		
STATIC TEXT		
	se-ended questions with pre-coded options. The variants e selected and whether answers to one single-select ques estion.	
STATIC TEXT		
Simple single-select with radio button answer sele	ection	
Gender	SINGLE-SELECT  01 O Male  02 O Female	gende
STATIC TEXT		
Single-select with combo box answer selection		
What is the main crop on this plot?  CATEGORICAL QUESTIONS / CATEGORICAL QUESTIONS	SINGLE-SELECT: COMBO BOX  1010	mainCro
CATEGORICAL QUESTIONS / CATEGORICAL QUESTIONS CATEGORICAL MULTI-SELECT		
STATIC TEXT		
Simple multi-select question		

CATEGORICAL QUESTIONS 6 / 74

What type of documents does your household have for the land?	MULTI-SELECT  01  TITLE DEED  02  CERTIFICATE OF CUSTOMARY OWNERSHIP  03  CERTIFICATE OF OCCUPANCY  04  CERTIFICATE OF HEREDITARY ACQUISITION LISTED IN REGISTRY  05  SURVEY PLAN  06  RENTAL CONTRACT, REGISTERED  07  LEASE, REGISTERED	doc
STATIC TEXT		
Multi-select where answer order is recorded		
What are the main difficulties that you axperienced at your main work?  I Start from the most major one.	MULTI-SELECT: ORDERED  01	difficulties
STATIC TEXT  Multi-select with only designer-specified maximum number	er of answers possible	
What do you usually do to make the water safer to drink?  I Select up to 3.	MULTI-SELECT  01  BOIL  02  ADD BLEACH/CHORINE  03  STRAIN THROUGH A CLOTH  04  USE WATER FILTER (CERAMIC/SAND/COMPOSITE/ETC.)  05  SOLAR DISINFECTION  06  LET IT STAND AND SETTLE  07  ALUM	safeWater
STATIC TEXT  Combobox multi-select questions		

CATEGORICAL QUESTIONS 7/74

Please select all crops that you have cultivated.	MULTI-SELECT  1010  BEANS/COWPEA  1040  COCOYAM  1050  COTTON  1060  GROUND NUT/PEANUTS  1070  GUINEA CORN/SORGHUM  1080  MAIZE  1090  MELON/EGUSI  1100  MILLET/MAIWA  1110  RICE  1121  WHITE YAM  1122  YELLOW YAM  1123  WATER YAM  1124  THREE LEAVE YAM  2010  ACHA  2020  BAMBARA NUT  2040  BEENI-SEED/SESAME	cultivatedCrops
	And 51 other symbols [3]	
STATIC TEXT		
Multi-select with only designer-specified maximum number	er of answers possible	
Please select two main crops that grow.	MULTI-SELECT  1010	twoMainCrops
STATIC TEXT		
Multi-select represented as a series of yes/no questions		

CATEGORICAL QUESTIONS 8 / 74

Does your househ	old have:	MULTI-SELECT: YES/NO  01	assets
STATIC TEXT		<u>'</u>	
Multi-select represei	nted as a series of yes/no questions v	where answer order is recorded	
your holding?	s died in the last 12 month in amount of a livestock that you lost	MULTI-SELECT: ORDERED, YES/NO  10	livestock
STATIC TEXT			
Multi-select with only	y designer-specified maximum num	ber of answers possible	
What type of heat your house?  I Select up to 3	source do you use to heat	MULTI-SELECT: YES/NO  01	heatSource
	NS / CATEGORICAL QUESTIONS UESTIONS WITH COLLECTION	OF CATEGORIES	
STATIC TEXT			
Simple single-select	with radio button answer selection		

CATEGORICAL QUESTIONS 9/74

What is your favorite fruit?	SINGLE-SELECT  01	Q1
STATIC TEXT		
Combobox multi-select questions		
What fruit does your family consume most of the time?	MULTI-SELECT  01	fruitConsumption
STATIC TEXT		
Combobox multi-select questions with maximum nun	nber of answers	
What juice do you like?	MULTI-SELECT	juice
Select up to 2	01 ☐ Apple 02 ☐ Orange 04 ☐ Peach 05 ☐ Apricot 06 ☐ Tangerine 07 ☐ Papaya 08 ☐ Plum 09 ☐ Grapefruit	
STATIC TEXT		
Multi-select represented as a series of yes/no question	ns	
Do you grove any trees?	MULTI-SELECT: YES/NO  01	fruitTrees

CATEGORICAL QUESTIONS 10 / 74

# **ROSTERS**

#### **ROSTERS**

# **FIXED ROSTER**

ROSTERS / FIXED ROSTER Roster: ASSETS generated by fixed list

assetsRoster

- 01 Owner occupied House
- 02 Other Buildings
- 03 Non-agricultural land
- 04 Furniture/Furnishings
- 05 Household Appliances e.g. Kettle, Flat iron, etc
- 23 Cooker
- 24 Refrigerator
- 25 Washing machine/Driers
- 06 Television
- 26 Radio
- 27 Home theatre / music system
- 07 Cassette/DVD/CD
- 08 Generators
- 09 Solar panel/electric inverters
- 10 Bicycle
- 11 Motor cycle
- 12 Motor vehicle
- 13 Boat /Canoe
- 14 Other Transport equipment
- 15 Jewelry and Watches
- 28 Fixed phone
- 16 Mobile phone
- 17 Computer Desktop/Laptop/Tablet/iPad

SINGLE-SELECT  01 O Yes  02 O No	F01
NUMERIC: INTEGER	F02
NUMERIC: INTEGER	F03
	01 O Yes 02 O No  NUMERIC: INTEGER

**ROSTERS** 

LIST QUESTION ROSTER

ROSTERS 11/74

Please give me the names of the persons who usually live in your household and guests of the household who stayed here last night, starting with the head of the household.	LIST LO1
ROSTERS / LIST QUESTION ROSTER Roster: MEMBER generated by list question L01	HouseholdRoster
Sex	SINGLE-SELECT L02 01 O Male 02 O Female
How old is %rostertitle%?	NUMERIC: INTEGER L03
What is %rostertitle%'s present marital status?	SINGLE-SELECT L04  01 O MONOGAMOUS MARRIED OR NON-FORMAL UNION  02 O SEPARATED  03 O DIVORCED  04 O WIDOW OR WIDOWER  05 O NEVER MARRIED
ROSTERS MULTI-SELECT QUESTION ROSTER	
Do you have any of the following housing utilities and communication means?	MULTI-SELECT: YES/NO  01
ROSTERS / MULTI-SELECT QUESTION ROSTER Roster: UTILITIES generated by multi-select question M01	utilitiesRoster
Does the %rostertitle% work?	TEXT M02
ROSTERS NUMERIC ROSTER	

ROSTERS 12 / 74

How many times in the last 6 months have you visited a health care provider?	NUMERIC: INTEGER	N01
ROSTERS / NUMERIC ROSTER ROSTER: HEALTH PROVIDER generated by numeric question N01	healthProviderF	Roster
What was the name of the doctor?	TEXT	N02
What was the date of the visit?	DATE	N03
		····
How long did your visit last? (Minutes)	NUMERIC: INTEGER	N04
Did you get a medicine prescription at the end of the visit?	SINGLE-SELECT 01 O Yes 02 O No	NO5

ROSTERS 13 / 74

### ROSTER DISPLAY MODES + NESTED ROSTER

Do you have bovine animals?	MULTI-SELECT: YES/NO  01	FL01
ROSTER DISPLAY MODES + NESTED ROSTER / FLAT ROSTER MODE Roster: ANIMALS generated by multi-select question FL01	FLR	oster
How many %rostertitle% do you have?	NUMERIC: INTEGER	FL02
How many %rostertitle% that you have belongs to someone else?	NUMERIC: INTEGER	FL03
ROSTER DISPLAY MODES + NESTED ROSTER TABLE ROSTER MODE		
How many people works for you?	NUMERIC: INTEGER	т01
ROSTER DISPLAY MODES + NESTED ROSTER / TABLE ROSTER MODE ROSTER: WORKER generated by numeric question T01	workerR	oster
Full name of the worker	TEXT	т02
Age	NUMERIC: INTEGER	т03
		<b>-</b> -

ROSTER DISPLAY MODES + NESTED ROSTER / MATRIX ROSTER MODE

Roster: HELMET

generated by fixed list helmetRoster

01 When riding a bike

02 When driving a motorbike		
03 When riding an electric scooter		
When you drive or ride a bike, motorcycle, or electric scooter, how often do you wear a helmet?	SINGLE-SELECT  001 O Always  002 O Often  003 O Sometimes  004 O Rarely  005 O Never  999 O N/A	мт01
ROSTER DISPLAY MODES + NESTED ROSTER NESTED ROSTER		
Please list all parcels that you have	LIST	NE01
ROSTER DISPLAY MODES + NESTED ROSTER / NESTED ROSTER  Roster: PARCEL  generated by list question NE01		NE02
What is the area of %rostertitle%? (Hectares)	NUMERIC: DECIMAL	NE03
Who owns this parcel?	TEXT	NE04
		·····
How many plots within the %rostertitle%?	NUMERIC: INTEGER	NE05
_		
ROSTER DISPLAY MODES + NESTED ROSTER / NESTED ROSTER / PARCE Roster: PLOT generated by numeric question NE05	L	NE06
Description of the plot	техт	NE07
		·····-
Area	NUMERIC: DECIMAL	NE07_1

ROSTER DISPLAY MODES NESTED ROSTER 15 / 74

What crops do you grow on this plot?	MULTI-SELECT	NE08
	1010 BEANS/COWPEA	
	1040 🗖 COCOYAM	
	1050 COTTON	
	1060 GROUND NUT/PEANUTS	
	1070 GUINEA CORN/SORGHUM	
	1080 MAIZE	
	1090 MELON/EGUSI	
	1100 MILLET/MAIWA	
	1110	
	1121  WHITE YAM	
	1122 TYELLOW YAM	
	1123  WATER YAM	
	1124 THREE LEAVE YAM	
	2010 ACHA	
	2020 BAMBARA NUT	
	2040 BEENI-SEED/SESAME	
	And 24 other symbols [5]	
DOCTED DISDLAY MODES - NESTED DOCTED (NESTED DOCTED IDAD		
ROSTER DISPLAY MODES + NESTED ROSTER / NESTED ROSTER / PAR Roster: CROP	CEL / PLOT	
generated by multi-select question NE08		NE09
Did you apply pesticides on this %rostertitle%	SINGLE-SELECT	NE10
	01 <b>O</b> Yes	
	02 <b>O</b> No	
Did your household sell any unprocessed	SINGLE-SELECT	NE11
%rostertitle% since the harvest?	01 O Yes	
	02 O No	

ROSTER DISPLAY MODES NESTED ROSTER 16/74

## NOVEL QUESTION TYPES

NOVEL QUESTION TYPES GPS QUESTION		
STATIC TEXT		
GPS questions automatically capture the following do satellite time stamp.	ıta with a simple click: longı	itude, latitude, altitude, accuracy, and
GPS location of the household	GPS	location
	Ā	
NOVEL QUESTION TYPES BARCODE		
STATIC TEXT		
Barcode questions capture the data behind most type barcodes on many national ID cards.	es of barcode, from simple μ	product barcodes to data-dense
Scan the barcode of your favourite book	BARCODE	book
NOVEL QUESTION TYPES PICTURE QUESTIONS		
STATIC TEXT		
Image questions use the tablet's camera to capture in parts of the questionnaire.	nages. Not to be confused (	with embedded images that are static
STATIC TEXT		
Image question		
Picture of the ID	PICTURE	idPicture
Sign if you are agree to participate in the survey	PICTURE	sign
NOVEL QUESTION TYPES AUDION QUESTION		
STATIC TEXT		
Audio can be used in surveys where the recording of t directly of interest to the researchers.	he respondent's voice may	serve quality control purposes or be

NOVEL QUESTION TYPES 17 / 74

Read the text from the card A1	AUDIO	audio	
interviewer: handle the card A1 with sample of text to the responde Srart the recording when the respondent is ready to read. Stop whe he) finishes of at the 60 seconds mark.			
OVEL QUESTION TYPES GEOGRAPHY QUESTIONS			
STATIC TEXT			
Polygon geography question			
Show me the boundaries of the parcel on which your home is located!	GEOGRAPHY	parcel	
STATIC TEXT			
Polyline geography question			
Please show me the route which your child take to school	GEOGRAPHY	route	
STATIC TEXT		_	
Point geography question			
Show me where is the closest hospital for you	GEOGRAPHY	point	
STATIC TEXT			
Multipoint geography question.			
Please show me all postal offices in the area	GEOGRAPHY	multipoint	

NOVEL QUESTION TYPES 18 / 74

### SYNTAX AND FUNCTIONS

	SYNTAX AND FUNCTIONS GPS CONSTUCTOR	
	Current location	GPS locationCurren
	distance <= 800 Your current location is further than 800m from National Statistics Offi	
	ce	
		Ā
	VARIABLE (long)(new GeoLocation(44.429717, 26.093319, 0, 0) .GpsD istance(locationCurrent))	LONG distanc
	STATIC TEXT	
	Distance from National Statistics Office %distance%m	
	SYNTAX AND FUNCTIONS OPERATIONS WITH LIST TYPE	
	Respondent name	TEXT responden
	Head of household	TEXT hea
	Make a complete list of household members. Start with the household head	LIST MembersLis
V1	<pre>IsAnswered(head) ? (listOfMembers[0].Text == head) : tru e</pre>	
M1	The head ( %head% ) isn't the first listed member or is missing. Please revise or leave a comment	
W2	<pre>IsAnswered(respondent) ? (listOfMembers.Any(x=&gt;x.Text == respondent)) : true</pre>	
M2	The respondent ( $\mbox{\it wrespondent}\%$ ) isn't listed or is missing. Please revise or leave a comment	
	VARIABLE MembersList[0].Text	STRING headNam
	STATIC TEXT	
	First person from the list %headName%	
	SYNTAX AND FUNCTIONS ISDATE FUNCTION	
	year	NUMERIC: INTEGER yea
	month	NUMERIC: INTEGER mont

SYNTAX AND FUNCTIONS 19 / 74

day	NUMERIC: INTEGER	day
VARIABLE ISDate(year, month, day)	BOOLEAN	isItDate
VARIABLE  new DateTime(year??1900,((month??0) <= 12 ? month??0 : 1) ,day??1)	DATETIME	newDate

STATIC TEXT

Can be date created from numbers ? - %isItDate%

Created date or default - %newDate%

SYNTAX AND FUNCTIONS 20 / 74

## **ENABLING AND VALIDATION CONDITIONS**

ENABLING AND VALIDATION CONDITIONS ENABLING CONDITIONS EXAMPLE		
1. How old are you?	NUMERIC: INTEGER	age
2. What is your marital status?  E age > 15	SINGLE-SELECT maritalStar  01 O Never married  02 O Married (monogamous)  03 O Married (polygamous)  04 O Divorced/separated  05 O Widowed	tus
3. What is your employment status?  E age > 15	SINGLE-SELECT employment  01 O Employee  02 O Self-employed  03 O Unemployed  04 O Outside the labour force	ent
4. How many time per day do you cook?	TEXT	Q04
Household location	GPS hhLocat	ion
	N	
ENABLING AND VALIDATION CONDITIONS SINGLE-SELECT		
19. What is [Name]'s marital status?	SINGLE-SELECT  01	q19
20. What is [Name]'s previous marital status before this current marriage?  E //q19 == 1    q19 == 2    q19 ==5 q19.InList(1,2,5)	SINGLE-SELECT  01 O Never married  02 O Previously divorced  03 O Previously widowed  04 O Multiple Previous marriages	q20

ENABLING AND VALIDATION CONDITIONS 21 / 74

4. How was this plot acquired?	<ul> <li>SINGLE-SELECT</li> <li>O Outright purchase</li> <li>O Rented for cash of in-kind goods from other households</li> <li>O Used free of charge</li> <li>O Distributed by community</li> <li>O family inheritance</li> </ul>
5. How much in total was paid for this plot (include both cash and payments in kind)?  E q4 == 1	NUMERIC: INTEGER
6. Who is/are the owner/s of this plot?  E //q4 == 1    q4 == 4    q4 == 5 q4.InList(1,4,5)	LIST
7. Have you or any other hh member acquired a LEGAL TITLE that verifies the Rights of Occupance to this plot?  E //q4 == 1    q4 == 4    q4 == 5 q4.InList(1,4,5) //q4.Is Noneof(2,3)	SINGLE-SELECT 01 O Yes 02 O No
What is your main source of cooking fuel?	SINGLE-SELECT  01
Please specify the Other  E f12 == 10	TEXT f12_0
Do you ever use firewood for fuel?  E //f12.InRange(3,10) f12.IsNoneOf(1,2)	SINGLE-SELECT  01 O Yes  02 O No
Do you ever collect firewood?  E f13 == 1    f12 == 2	SINGLE-SELECT 01 O Yes 02 O No
ENABLING AND VALIDATION CONDITIONS CONDITIONS IN ROSTERS	
Make a complete list of household members. Start with the household head	LIST listOfMember

ENABLING AND VALIDATION CONDITIONS / CONDITIONS IN ROSTERS Roster: HOUSEHOLD ROSTER generated by list question listofMembers

HHroster

	1. SEX	SINGLE-SELECT  01 O MALE	hh_q01
		02 O FEMALE	
	2. RELATIONSHIP TO HEAD:	SINGLE-SELECT	hh_q02
V1	// Conditional expression: // Is this person the house hold head? //hh_q02 == 1 ? // If household head, check t hat there is only one household head listed //(HHroster.	01 O HEAD 02 O WIFE/HUSBAND 03 O CHILD/ADOPTED CHILD	
N A 4	Count(x=>x.hh_q02 And 327 other symbols [1]	04 O GRANDCHILD	
	There must be only one person in the household designated as head.  // Has relationship to head been answered for all househ	05 O NIECE/NEPHEW	
	old members? HHroster.All(x=>x.hh_q02!=null) ? // If al l information has been filled out, check for a head was listed !(HHroster.C And 101 other symbols[1]	06 O FATHER/MOTHER	
M2	There is no household head in the household	07 O SISTER/BROTHER	
W3	// If head of household, check that no spouse has the sa	08 O SON/DAUGHTER-IN-LAW	
	me sex as the head self == $2$ ? HHroster.Count(x=>x.hh_q0 2==1 && x.hh_q01==hh_q01)==0 : // If spouse of head, che	09 O BROTHER/SISTER-IN-LAW	
	ck that that no head has the And 148 other symbols [1]	10 O GRANDFATHER/MOTHER	
М3	Unlikely answer. It's rare that the head of household and his/her spous e have the same sex.	11 O FATHER/MOTHER-IN-LAW	
		12 O OTHER RELATIVE	
		13 O SERVANT OR SERVANT'S	
		RELATIVE	
		14 O LODGER/LODGER'S RELATIVE	
		15 O OTHER NON-RELATIVE	
		16 O OTHER (SPECIFY)	
	3. Age	NUMERIC: INTEGER	hh_q03
E	/* Enable only if there are any women 15-49 yo in the house & $x.hh_q03<=49$ ) HHroster.Any(x=> $x.hh_q01$ == 2 && $x.hh_q03.1$		_q03>=15 &
	4. During the <u>past 2 weeks</u> has anybody	SINGLE-SELECT	hh_d04
	suffered from an <u>illness or injury</u> ?	01 O YES	
		02 <b>O</b> NO	
	5. What was the illness or injury?	MULTI-SELECT: ORDERED	hh_d05
ī	LIST UP TO TWO OPTIONS	01  FEVER, MALARIA	
	hh_d04==1	02 DIARRHEA	
		03 STOMACH ACHE	
		04 <b>U</b> VOMITING	
		05 SORE THROAT	
		06 UPPER RESPIRATORY	
		(SINUSES)	
		07 LOWER RESPIRATORY(CHEST, LUNGS)	
		08  FLU	
		09 ☐ ASTHMA	
		10 ☐ HEADACHE	
		11  FAINTING	
		12 ☐ SKIN PROBLEM	
		13 ☐ DENTAL PROBLEM	
		14 ☐ EYE PROBLEM	
		14 ☐ EYE PROBLEM  15 ☐ EAR/NOSE/THROAT  16 ☐ BACKACHE	

ENABLING AND VALIDATION CONDITIONS 23 / 74

# ENABLING AND VALIDATION CONDITIONS GENERATED VARIABLES

	1. Does any member of this household own any following [CONSUMER DURABLE] at present, exclusively and/or jointly with someone else?	MULTI-SELECT: YES/NO  1101	GV01
	ENABLING AND VALIDATION CONDITIONS / GENERATED VARIABLES Roster: DURABLES generated by multi-select question GV01	G	V_roster
	How many %rostertitle% do you have?	NUMERIC: INTEGER	GV02
V1	(@rowcode.InRange(1105,1108) && self.InRange(1,3))    !@rowcode.InRange(1105,1108)		
M1	The number of durables seems to be unlikely. Please revise.		

ENABLING AND VALIDATION CONDITIONS 24 / 74

### MACRO & AMP; VARIABLES

Start section	DATE: CURRENT TIME MaV00
What kind of dry pulses and protein crops for the production of grain does your holding grow?  ISANSWERED (MAYOO)	MULTI-SELECT MAV01  11  Field peas  12  Beans  13  Sweet lupins  14  Other dried pulses (lentils, chick peas, broad beans etc.)
MACRO & VARIABLES Roster: CROP generated by multi-select question Mav01	MaV_roster
How much have you paid for %rostertitle% seeds?	NUMERIC: DECIMAL MaV02
What is the area of plot where %rostertitle% is planted? (sqm)	NUMERIC: INTEGER MAV03
Have you applied any fertilizers on the %rostertitle%'s plot	SINGLE-SELECT MAV04 01 O Yes 02 O No
What month have you harvested %rostertitle% last time?  1 harvestDate <= Mav00  1 Month cannot be in the future	SINGLE-SELECT: COMBO BOX  01   O   January  02   O   February  03   O   March  04   O   April  05   O   May  06   O   June  07   O   July  08   O   August  09   O   September  10   O   October  11   O   November  12   O   December
What Year have you harvested %rostertitle% last time?	NUMERIC: INTEGER MAV06
<ul> <li>I Enter 4 digits year</li> <li>1 //self.InRange(Mav00.Value.Year-2, Mav00.Value.Year f.InRange(\$currentYear - 2, \$currentYear)</li> <li>1 Harvest year seems to be unikely</li> </ul>	r) sel
VARIABLE  new DateTime(Mav06??(\$currentYear), Mav05??1,1)	DATETIME harvestDate
VARIABLE harvestDate.Value.ToString("MM, yyy")	STRING harvDate

STATIC TEXT

IsAnswered(Mav05) && IsAnswered(Mav06)

MACRO & VARIABLES 25 / 74

### %rostertitle% was harvested on %harvDate%

VARIABLE MaV_roster.Sum(x=>x.MaV02??0)	DOUBLE	totalExpenses
VARIABLE Mav_roster.where(x=>x.@rowcode!=14).Sum(x=>x.Mav03??0)	LONG	totalPlantedArea
VARIABLE MaV_roster.Any(x=>x.MaV04==1)	BOOLEAN	fertilizers

STATIC TEXT

Total expenses on seeds were %totalExpenses% Total crops' area planted is %totalPlantedArea%sqm Fertilizers were applied on some plots - %fertilizers%

MACRO & VARIABLES 26 / 74

### **FILTERS**

What are the sources of electricity that you use	MULTI-SELECT	FS00		
in your enterprise?	001 ☐ National grid 002 ☐ Mini-grid 003 ☐ Electric generator 004 ☐ Solar Lantern			
	004 ☐ Solar Lantern 005 ☐ Solar Lighting System			
	006 Solar Home System			
	007 Rechargeable Battery 008 Dry-cell battery			
	111 No electricity			
What is the main type of heat source do you	SINGLE-SELECT	FS02		
use?	01 O Central heating 02 O Electricity			
(FS00.ContainsAny(1,2,3) && @optioncode== 2)    @optioncode!= 2	03 O Natural gas			
	04 O Liquefied gas 05 O Oil and diesel			
	05 O Oil and diesel 06 O Wood			
	07 O Manure			
	08 <b>O</b> Other			
ILTERS				
FILTER IN MULTI-SELECT				
What is the present ownership status of this	SINGLE-SELECT	FM01		
dwelling?	01 O Owned by someone in household			
	02 O Rented			
	03 <b>O</b> Free 96 <b>O</b> Other			
	98 O Don't know			
What spances for a house have you paid last	MULTI-SELECT	FM02		
month?	01 ☐ Water charges 02 ☐ Electricity			
FM01==2 && @optioncode==3    @optioncode!= 3	02 Li Electricity 03 Rent			
FILTERS FILTER IN A LINKED QUESTION				
Make a complete list of household members. Start with the household head	LIST	flq_01		

FILTERS / FILTER IN A LINKED QUESTION ROSTER: HOUSEHOLD ROSTER generated by list question flq\_01

flq\_roster

	1. SEX	SINGLE-SELECT  01 O MALE  02 O FEMALE	f1q_02
M1 V2 M2 W3	2. RELATIONSHIP TO HEAD:  // Conditional expression: // Is this person the house hold head? //flq_03 == 1 ? // If household head, check t hat there is only one household head listed //(flq_roste r.Count(x=>x.flq_ And 331 other symbols [2]  There must be only one person in the household designated as head. // Has relationship to head been answered for all household members? flq_roster.All(x=>x.flq_03!=null) ? // If all information has been filled out, check for a head was listed !(flq_rost And 105 other symbols [2]  There is no household head in the household // If head of household, check that no spouse has the same sex as the head self == 2 ? flq_roster.Count(x=>x.flq_03=1 && x.flq_02==flq_02)==0 : // If spouse of head, check that that no head And 162 other symbols [2]  Unlikely answer. It's rare that the head of household and his/her spouse have the same sex.	SINGLE-SELECT  01 O HEAD  02 O WIFE/HUSBAND  03 O CHILD/ADOPTED CHILD  04 O GRANDCHILD  05 O NIECE/NEPHEW  06 O FATHER/MOTHER  07 O SISTER/BROTHER  08 O SON/DAUGHTER-IN-LAW  09 O BROTHER/SISTER-IN-LAW  10 O GRANDFATHER/MOTHER  11 O FATHER/MOTHER  11 O FATHER/MOTHER-IN-LAW  12 O OTHER RELATIVE  13 O SERVANT OR SERVANT'S RELATIVE  14 O LODGER/LODGER'S RELATIVE  15 O OTHER NON-RELATIVE  16 O OTHER (SPECIFY)	flq_03
	3. Age	NUMERIC: INTEGER	f1q_04
E	FILTERS / FILTER IN A LINKED QUESTION Roster: HOUSEHOLD ROSTER'S DETAILS generated by list question flq_01 flq_04.InRange(0,14)		flq_details_roster
	4. Does the father of %rostertitle% live in the household?	SINGLE-SELECT  01 O Yes  02 O No	flq_05
	5.Who is the %rostertitle%'s father?  // select male flq_02==1 && // Cannot select his/herself as father @cur rent.@rowcode!=@rowcode && // Show members 14 years older then current member ( flq_04!=null ? (flq_04 - 14) >= @current.flq And 13 other symbols [1] flq_05 == 1	SINGLE-SELECT: LINKED	flq_06

FILTERS 28 / 74

## FORMATTING, ATTACHMENTS, AND SUBSTITUTIONS

STATIC TEXT		
Question texts and static-texts can be formatted with a The html tags that can currently be used in Survey Solut	series of html tags. tions are described in this article.	
Line break		
Italic		
<u>Underline</u>		
Teletype		
Size		
Big		
Small		
Script		
Subscript. <sub>Subscript</sub>		
Superscript. <sup>Superscript</sup>		
Color Standard (case-insensitive) color names as per HTML 4.		
FORMATTING, ATTACHMENTS, AND SUBSTITUTIONS HYPERLINKS		
In which year have you moved to the city?	NUMERIC: INTEGER	FAO
<pre>self &gt;= yearOfBirth Error year couldn't be earlier that year of [birth (%yearOfBirth%)](yearOfBirth)</pre>	r	
STATIC TEXT		
Resources used		
Detailed structure and explanatory notes [ISIC Rev 4](https://unstats.un.org/home/)		
Option filters have been added. Accordingly, please refer to the lookup table named isictable to see how the filter operates.		
Note that the alpha codes for the Main Category have been replaced with numeric values in order to be compatiable with the software framework.		
What is your [BMI index] (https://en.wikipedia.org/wiki/Body_mass_index)	NUMERIC: INTEGER	bm
FORMATTING, ATTACHMENTS, AND SUBSTITUTIONS		

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Image attachment



STATIC TEXT

### PDF attachment



STATIC TEXT

Video attachment Advanced features

## ADVANCED CATEGORICAL QUESTIONS

# ADVANCED CATEGORICAL QUESTIONS CASCADING QUESTIONS

County	SINGLE-SELECT: COMBO BOX  010 O JUDEŢUL ALBA  029 O JUDEŢUL ARAD  038 O JUDEŢUL ARGEŞ  047 O JUDEŢUL BACĂU  056 O JUDEŢUL BIHOR  065 O JUDEŢUL BISTRIŢA-NĂSĂUD  074 O JUDEŢUL BOTOŞANI  083 O JUDEŢUL BRAŞOV  092 O JUDEŢUL BRĀILA  109 O JUDEŢUL BUZĂU  118 O JUDEŢUL CARAŞ-SEVERIN  127 O JUDEŢUL CONSTANŢA  145 O JUDEŢUL COVASNA  154 O JUDEŢUL DÂMBOVIŢA  163 O JUDEŢUL DOLJ  And 26 other symbols [7]	county
Municipality/ Commune/ Town	SINGLE-SELECT: CASCADING  001017	municipality

ADVANCED CATEGORICAL QUESTIONS 31 / 74

	Component locality (village) (SIRUTA Code)	SINGLE-SELECT: CASCADING  001026	siruta
	ADVANCED CATEGORICAL QUESTIONS LINKED QUESTIONS		
	Please list all countries that you visited for last 12 months	LIST	LQ01
Ι	List up to 15	•••••	•••••
E	What was the last country that you visited?  LQ01.Length >2	SINGLE-SELECT: LINKED	LQ02
E	What countries have you visited for work?  ISAnswered(LQ01)	MULTI-SELECT: LINKED	LQ03
E	ADVANCED CATEGORICAL QUESTIONS / LINKED QUESTIONS Roster: COUNTRY generated by list question LQ01 LQ03. Contains (@rowcode)	LQ	04_roster
	What was the date of the visit to %rostertitle%?	DATE	LQ05
	How long was your mission to %rostertitle%? (days)	NUMERIC: INTEGER	LQ06
	Which hotel have you stayed in?	техт	LQ07
	What was the last country that you visited for a mission?	SINGLE-SELECT: LINKED	LQ08
	LQ06>=14 LQ04_roster.Count(x=>(x.LQ06??0)>=14)>1		

ADVANCED CATEGORICAL QUESTIONS 32 / 74

In which hotels brekfasts were included?	MULTI-SELECT: LINKED	LQ09
<pre>E LQ04_roster.Any(x=&gt;IsAnswered(x.LQ07))</pre>		

ADVANCED CATEGORICAL QUESTIONS 33 / 74

### **RECOURCES AND COMMUNICATION**

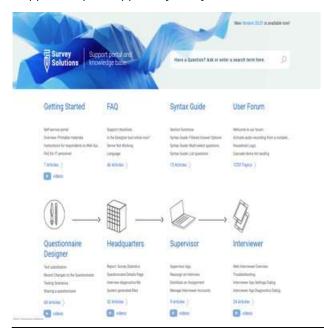
STATIC TEXT

[Survey Solutions Portal](https://mysurvey.solutions/)



STATIC TEXT

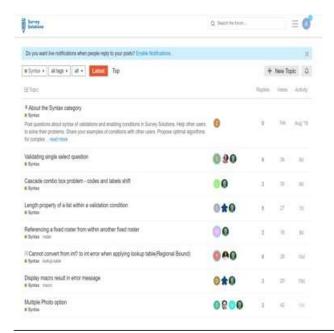
### [Support](https://support.mysurvey.solutions/)



STATIC TEXT

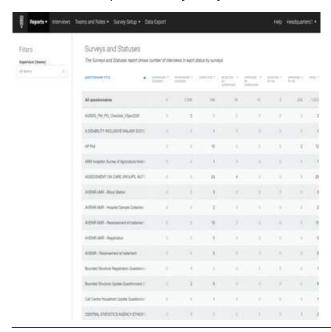
[Forum](https://forum.mysurvey.solutions/)

RECOURCES AND COMMUNICATION 34 / 74



#### STATIC TEXT

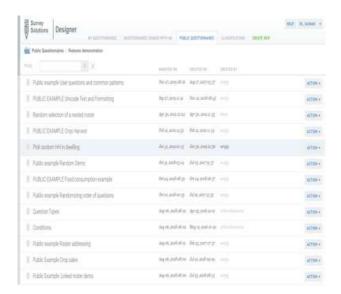
#### [Demo Server](https://demo.mysurvey.solutions/)



STATIC TEXT

[Questionnaire designer](https://designer.mysurvey.solutions/)

RECOURCES AND COMMUNICATION 35 / 74



STATIC TEXT

[Most common expressions, functions, operators](https://docs.google.com/document/d/1cvuZ-RCJIFuNBG1oHVXDqzORP\_IMpQ9ENNm1s5xSy1Y/edit?usp=sharing)

RECOURCES AND COMMUNICATION 36 / 74

#### **EXERCISES**

STATIC TEXT

#### EXERCISE 4:

- 1. Create a new section in your questionnaire with "Agriculture" title.
- 2. Add following questions to the section.

#### *Link to the [Exersize questionnaire]*

(https://docs.google.com/spreadsheets/d/1DalnykGBQwtJhRYsS0QQq6t7vs1WzkxfS4UMbWqPQr8/edit?usp=sharing) or use the link below to download the attachment in PDF format

- 3. Create a Reusable categories called "cropConditions" with categories from the questions above.
- 4. Replace Your categories on Reusable one in questions 2 and 6.
- 5. Compile your questionnaire and test the questionnaire with both Tester tools.



STATIC TEXT

#### EXERCISE 5:

- 1. Create a new section "Demographics, Land & Livestock"
- 2. Download the PDF version of the questionnaire
- 3. Implement the section. Skip all enabling conditions.



STATIC TEXT

#### EXERCISE 6:

- 1. Create a New section called "Plot roster".
- 2. Download the file and create the questionnaire from the PDF questionnaire. Skip all conditions for now.
- 3. After you will finish, compile the questionnaire.
- 4. Test the section with Web-tester.



STATIC TEXT

#### EXERCISE 8:

- 1. Create a new section with title "Soil sample"
- 2. Download the PDF questionnaire.
- 3. Create the questionnaire from PDF version.

EXERCISES 37 / 74

- 4. Compile the questionnaire.5. Test your questionnaire with both Tester tools



STATIC TEXT

[Assesment](https://krivtsov.mysurvey.solutions/WebInterview/QSJA6DEQ/Start)

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#### APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

#### [1] hh\_q02: 2. RELATIONSHIP TO HEAD:

```
Validation Condition:
```

Validation Message: There must be only one person in the household designated as head. Validation Condition:

```
// Has relationship to head been answered for all household members?
HHroster.All(x=>x.hh_q02!=null) ?

// If all information has been filled out, check for a head was listed
!(HHroster.Count(x=>x.hh_q02==1)==0)

// If all information has not been filled, do not do anything
: true
```

Validation Message: There is no household head in the household Validation Condition:

```
// If head of household, check that no spouse has the same sex as the head self == 2 ?  
HHroster.Count(x=>x.hh_q02==1 && x.hh_q01==hh_q01)==0 :  
// If spouse of head, check that that no head has the same sex as the spouse self == 1 ?  
HHroster.Count(x=>x.hh_q02==2 && x.hh_q01==hh_q01)==0 :  
// If neither chef nor spouse, nothing to check true
```

Validation Message: Unlikely answer. It's rare that the head of household and his/her spouse have the same sex.

#### [2] flq\_03: 2. RELATIONSHIP TO HEAD:

Validation Condition:

Validation Message: There must be only one person in the household designated as head. Validation Condition:

```
// Has relationship to head been answered for all household members?
flq_roster.All(x=>x.flq_03!=null) ?

    // If all information has been filled out, check for a head was listed
    !(flq_roster.Count(x=>x.flq_03==1)==0)

    // If all information has not been filled, do not do anything
: true
```

Validation Message: There is no household head in the household Validation Condition:

```
// If head of household, check that no spouse has the same sex as the head
self == 2 ?
    flq_roster.Count(x=>x.flq_03==1
    && x.flq_02==flq_02)==0 :
```

```
// If spouse of head, check that that no head has the same sex as the spouse
self == 1 ?
    flq_roster.Count(x=>x.flq_03==2
    && x.flq_02==flq_02)==0 :
// If neither chef nor spouse, nothing to check
true
```

Validation Message: Unlikely answer. It's rare that the head of household and his/her spouse have the same sex.

#### APPENDIX B — CATEGORIES

#### [1] Fruit

Categories: 1: Apple, 2: Orange, 4: Peach, 5: Apricot, 6: Tangerine, 7: Papaya, 8: Plum, 9: Grapefruit

#### [2] mainCrop: What is the main crop on this plot?

Categories: 1010:BEANS/COWPEA, 1040:COCOYAM, 1050:COTTON, 1060:GROUND NUT/PEANUTS, 1070:GUINEA CORN/SORGHUM, 1080: MAIZE, 1090:MELON/EGUSI, 1100:MILLET/MAIWA, 1110:RICE, 1121:WHITE YAM, 1122:YELLOW YAM, 1123:WATER YAM, 1124:THREE LEAV E YAM, 2010:ACHA, 2020:BAMBARA NUT, 2040:BEENI-SEED/SESAME, 2050:CARROT, 2060:CUCUMBER, 2070:CABBAGE, 2071:LETTUCE, 2 080:GARDEN EGG, 2090:GARLIC, 2100:GINGER, 2120:OKRO, 2130:ONION, 2141:SWEET/BELL PEPPER (TATASHE), 2142:SMALL PEPPER (RO DO), 3030:CHILLI PEPPER (SHOMBO), 2150:PIGEON PEA, 2180:IRISH POTATO, 2181:SWEET POTATO, 2190:PUMPKIN, 2194:GREEN VEGETA BLE, 2220:SOYA BEANS, 2230:SUGAR CANE, 2250:TOBACCO, 2260:TOMATO, 2280:WHEAT, 2290:ZOBO, 9998:OTHER, TEMPORARY CROP ( SPECIFY), 1020:CASSAVA, 2030:BANANA, 2160:PINEAPPLE, 2170:PLANTAIN, 2240:TEA, 2270:WALNUT, 3010:APPLE, 3020:CASHEW, 3040: COCOA, 3050:COCONUT, 3060:COFFEE, 3080:GRAPE FRUIT, 3090:GUAVA, 3110:KOLANUT, 3120:LEMON, 3130:LIME, 3150:MANDARIN/TA NGERINE, 3160:MANGO, 3170:ORANGE, 3180:OIL PALM TREE, 3190:AGBONO(ORO SEED), 3200:OIL BEAN, 3210:PAWPAW, 3220:PEAR, 322 1:AVOCADO PEAR, 3230:RUBBER, 9999:OTHER, PERMANENT CROP (SPECIFY)

#### [3] cultivatedCrops: Please select all crops that you have cultivated.

Categories: 1010:BEANS/COWPEA, 1040:COCOYAM, 1050:COTTON, 1060:GROUND NUT/PEANUTS, 1070:GUINEA CORN/SORGHUM, 1080: MAIZE, 1090:MELON/EGUSI, 1100:MILLET/MAIWA, 1110:RICE, 1121:WHITE YAM, 1122:YELLOW YAM, 1123:WATER YAM, 1124:THREE LEAV E YAM, 2010:ACHA, 2020:BAMBARA NUT, 2040:BEENI-SEED/SESAME, 2050:CARROT, 2060:CUCUMBER, 2070:CABBAGE, 2071:LETTUCE, 2 080:GARDEN EGG, 2090:GARLIC, 2100:GINGER, 2120:OKRO, 2130:ONION, 2141:SWEET/BELL PEPPER (TATASHE), 2142:SMALL PEPPER (RO DO), 3030:CHILLI PEPPER (SHOMBO), 2150:PIGEON PEA, 2180:IRISH POTATO, 2181:SWEET POTATO, 2190:PUMPKIN, 2194:GREEN VEGETA BLE, 2220:SOYA BEANS, 2230:SUGAR CANE, 2250:TOBACCO, 2260:TOMATO, 2280:WHEAT, 2290:ZOBO, 9998:OTHER, TEMPORARY CROP ( SPECIFY), 1020:CASSAVA, 2030:BANANA, 2160:PINEAPPLE, 2170:PLANTAIN, 2240:TEA, 2270:WALNUT, 3010:APPLE, 3020:CASHEW, 3040: COCOA, 3050:COCONUT, 3060:COFFEE, 3080:GRAPE FRUIT, 3090:GUAVA, 3110:KOLANUT, 3120:LEMON, 3130:LIME, 3150:MANDARIN/TA NGERINE, 3160:MANGO, 3170:ORANGE, 3180:OIL PALM TREE, 3190:AGBONO(ORO SEED), 3200:OIL BEAN, 3210:PAWPAW, 3220:PEAR, 322 1:AVOCADO PEAR, 3230:RUBBER, 9999:OTHER, PERMANENT CROP (SPECIFY)

#### [4] twoMainCrops: Please select two main crops that grow.

Categories: 1010:BEANS/COWPEA, 1040:COCOYAM, 1050:COTTON, 1060:GROUND NUT/PEANUTS, 1070:GUINEA CORN/SORGHUM, 1080: MAIZE, 1090:MELON/EGUSI, 1100:MILLET/MAIWA, 1110:RICE, 1121:WHITE YAM, 1122:YELLOW YAM, 1123:WATER YAM, 1124:THREE LEAV E YAM, 2010:ACHA, 2020:BAMBARA NUT, 2040:BEENI-SEED/SESAME, 2050:CARROT, 2060:CUCUMBER, 2070:CABBAGE, 2071:LETTUCE, 2 080:GARDEN EGG, 2090:GARLIC, 2100:GINGER, 2120:OKRO, 2130:ONION, 2141:SWEET/BELL PEPPER (TATASHE), 2142:SMALL PEPPER (RO DO), 3030:CHILLI PEPPER (SHOMBO), 2150:PIGEON PEA, 2180:IRISH POTATO, 2181:SWEET POTATO, 2190:PUMPKIN, 2194:GREEN VEGETA BLE, 2220:SOYA BEANS, 2230:SUGAR CANE, 2250:TOBACCO, 2260:TOMATO, 2280:WHEAT, 2290:ZOBO, 9998:OTHER, TEMPORARY CROP ( SPECIFY), 1020:CASSAVA, 2030:BANANA, 2160:PINEAPPLE, 2170:PLANTAIN, 2240:TEA, 2270:WALNUT, 3010:APPLE, 3020:CASHEW, 3040: COCOA, 3050:COCONUT, 3060:COFFEE, 3080:GRAPE FRUIT, 3090:GUAVA, 3110:KOLANUT, 3120:LEMON, 3130:LIME, 3150:MANDARIN/TA NGERINE, 3160:MANGO, 3170:ORANGE, 3180:OIL PALM TREE, 3190:AGBONO(ORO SEED), 3200:OIL BEAN, 3210:PAWPAW, 3220:PEAR, 322 1:AVOCADO PEAR, 3230:RUBBER, 9999:OTHER, PERMANENT CROP (SPECIFY)

#### [5] NE08: What crops do you grow on this plot?

Categories: 1010: BEANS/COWPEA, 1040: COCOYAM, 1050: COTTON, 1060: GROUND NUT/PEANUTS, 1070: GUINEA CORN/SORGHUM, 1080: MAIZE, 1090: MELON/EGUSI, 1100: MILLET/MAIWA, 1110: RICE, 1121: WHITE YAM, 1122: YELLOW YAM, 1123: WATER YAM, 1124: THREE LEAV E YAM, 2010: ACHA, 2020: BAMBARA NUT, 2040: BEENI-SEED/SESAME, 2050: CARROT, 2060: CUCUMBER, 2070: CABBAGE, 2071: LETTUCE, 2 080: GARDEN EGG, 2090: GARLIC, 2100: GINGER, 2120: OKRO, 2130: ONION, 2141: SWEET/BELL PEPPER (TATASHE), 2142: SMALL PEPPER (RO DO), 3030: CHILLI PEPPER (SHOMBO), 2150: PIGEON PEA, 2180: IRISH POTATO, 2181: SWEET POTATO, 2190: PUMPKIN, 2194: GREEN VEGETA BLE, 2220: SOYA BEANS, 2230: SUGAR CANE, 2250: TOBACCO, 2260: TOMATO, 2280: WHEAT, 2290: ZOBO, 9998: OTHER, TEMPORARY CROP ( SPECIFY)

#### [6] hh\_d05: 5. What was the illness or injury?

Categories: 1: FEVER, MALARIA, 2: DIARRHEA, 3: STOMACH ACHE, 4: VOMITING, 5: SORE THROAT, 6: UPPER RESPIRATORY (SINUSES), 7: LOWE R RESPIRATORY(CHEST, LUNGS), 8: FLU, 9: ASTHMA, 10: HEADACHE, 11: FAINTING, 12: SKIN PROBLEM, 13: DENTAL PROBLEM, 14: EYE PROBLEM, 15: EAR/NOSE/THROAT, 16: BACKACHE, 17: HEART PROBLEM, 18: BLOOD PRESSURE, 19: PAIN WHEN PASSING URINE, 20: DIABETES, 21: MENTAL DISORDER, 22: TB, 23: SEXUALLY TRANSMITTED DISEASE, 24: BURN, 25: FRACTURE, 26: WOUND, 27: POISONING, 28: PREGNANCY, 29: UNSPECIFIED LONG-TERM ILLNESS, 30: OTHER (SPECIFY)

#### [7] county: County

Categories: 10:JUDEŢUL ALBA, 29:JUDEŢUL ARAD, 38:JUDEŢUL ARGEŞ, 47:JUDEŢUL BACÃU, 56:JUDEŢUL BIHOR, 65:JUDEŢUL BISTRIŢA-NÃS ÂUD, 74:JUDEŢUL BOTOŞANI, 83:JUDEŢUL BRAŞOV, 92:JUDEŢUL BRĂILA, 109:JUDEŢUL BUZÃU, 118:JUDEŢUL CARAŞ-SEVERIN, 127:JUDEŢU L CLUJ, 136:JUDEŢUL CONSTANŢA, 145:JUDEŢUL COVASNA, 154:JUDEŢUL DÂMBOVIŢA, 163:JUDEŢUL DOLJ, 172:JUDEŢUL GALAŢI, 181:JUD EŢUL GORJ, 190:JUDEŢUL HARGHITA, 207:JUDEŢUL HUNEDOARA, 216:JUDEŢUL IALOMIŢA, 225:JUDEŢUL IAŞI, 234:JUDEŢUL ILFOV, 243:JUDEŢUL MARAMUREŞ, 252:JUDEŢUL MEHEDINŢI, 261:JUDEŢUL MUREŞ, 270:JUDEŢUL NEAMŢ, 289:JUDEŢUL OLT, 298:JUDEŢUL PRAHOVA, 305:JUDEŢUL SATU MARE, 314:JUDEŢUL SĂLAJ, 323:JUDEŢUL SIBIU, 332:JUDEŢUL SUCEAVA, 341:JUDEŢUL TELEORMAN, 350:JUDEŢUL TIMIŞ, 369:JUDEŢUL TULCEA, 378:JUDEŢUL VASLUI, 387:JUDEŢUL VÂLCEA, 396:JUDEŢUL VRANCEA, 403:MUNICIPIUL BUCUREŞTI, 519:JUDEŢUL CĀLĀRAŞI, 528:JUDEŢUL GIURGIU

#### [8] municipality: Municipality/ Commune/ Town

Categories: 1017: MUNICIPIUL ALBA IULIA, 1071: CIUGUD, 1151: ORAŞ ABRUD, 1213: MUNICIPIUL AIUD, 1348: MUNICIPIUL BLAJ, 1455: ORA Ş CÂMPENI, 1696: ORAŞ CUGIR, 1794: ORAŞ OCNA MUREŞ, 1874: MUNICIPIUL SEBEŞ, 1936: ORAŞ ZLATNA, 2130: ALBAC, 2309: ALMAŞU MAR E, 2381: ARIEŞENI, 2577: AVRAM IANCU, 2915: ORAŞ BAIA DE ARIEŞ, 2988: BERGHIN, 3039: BISTRA, 3397: BLANDIANA, 3459: BUCIUM, 3761: CENADE, 3805: CERGÃU, 3841: CERU-BÃCÃINŢI, 3958: CETATEA DE BALTÃ, 4008: CIURULEASA, 4106: CÂLNIC, 4142: CRICÃU, 4188: CRÃCIUN ELU DE JOS, 4240: DAIA ROMÂNÃ, 4268: DOŞTAT, 4302: FÃRÃU, 4366: GALDA DE JOS, 4482: GÂRBOVA, 4525: GÂRDA DE SUS, 4703: HOPÂRTA, 4767: HOREA, 4927: IGHIU, 4981: ÎNTREGALDE, 5103: JIDVEI, 5167: LIVEZILE, 5210: LOPADEA NOUÃ, 5309: LUNCA MUREŞULUI, 5336: LUPŞA

APPENDIX B — CATEGORIES 41 / 74

, 5577 : METEŞ, 5700 : MIHALŢ, 5755 : MIRÃSLÃU, 5826 : MOGOŞ, 6048 : NOŞLAC, 6119 : OCOLIŞ, 6164 : OHABA, 6217 : PIANU, 6271 : POIANA VAD ULUI, 6397: PONOR, 6468: POŞAGA, 6547: RÃDEŞTI, 6592: RÂMETEA, 6627: RÂMET, 6761: ROŞIA MONTANÃ, 6930: ROŞIA DE SECAŞ, 6976: SÃ LCIUA, 7044:SÃLIŞTEA, 7099:SÃSCIORI, 7197:SCÃRIŞOARA, 7348:SÂNCEL, 7384:SÂNTIMBRU, 7446:SOHODOL, 7767:STREMŢ, 7810:ŞIBOT , 7865: SONA, 7945: SPRING, 8014: SUGAG, 8096: ORAS TEIUS, 8158: UNIREA, 8229: VADU MOŢILOR, 8354: VALEA LUNGÃ, 8425: VIDRA, 8826 :VINŢU DE JOS, 9019:CUT, 9026:BUCERDEA GRÂNOASĂ, 9262:MUNICIPIUL ARAD, 9280:FÂNTÂNELE, 9333:LIVADA, 9360:ŞOFRONEA, 9397 : VLADIMIRESCU, 9459: ORAŞ CHIŞINEU-CRIŞ, 9495: ORAŞ CURTICI, 9538: ORAŞ INEU, 9574: ORAŞ LIPOVA, 9627: ORAŞ NÃDLAC, 9654: ORAŞ PÂNCOTA, 9690: ORAŞ SEBIŞ, 9743: ALMAŞ, 9798: APATEU, 9832: ARCHIŞ, 9887: BATA, 9930: BELIU, 10006: BIRCHIŞ, 10051: BÂRSA, 10104: BÂRZAVA, 10195: BOCSIG, 10239: BRAZII, 10293: BUTENI, 10346: CÃRAND, 10373: CERMEI, 10417: CHISINDIA, 10453: CONOP, 10514: COVÃ SINT, 10532: CRAIVA, 10649: DEZNA, 10701: DIECI, 10765: USUSĂU, 10827: FELNAC, 10872: GHIOROC, 10916: GRÃNICERI, 10943: GURAHON Ţ, 11058: HĀLMAGIU, 11174: HÃLMÃGEL, 11236: HÃŞMAŞ, 11307: IGNEŞTI, 11352: IRATOŞU, 11398: MACEA, 11423: MIŞCA, 11478: MONEAS A, 11502:OLARI, 11539:PÃULIŞ, 11584:ORAŞ PECICA, 11637:PEREGU MARE, 11664:PETRIŞ, 11735:PILU, 11762:PLEŞCUȚA, 11842:SÃVÂRŞI N, 11940: SECUSIGIU, 11995: SELEUŞ, 12037: SEMLAC, 12055: SINTEA MARE, 12091: ORAŞ SÂNTANA, 12126: SOCODOR, 12144: ŞAGU, 12206 :ŞEITIN, 12224:ŞEPREUŞ, 12242:ŞICULA, 12288:ŞILINDIA, 12340:ŞIMAND, 12368:ŞIRIA, 12402:ŞIŞTAROVÃŢ, 12457:TAUŢ, 12509:TÂRNO VA, 12572: VÃRÃDIA DE MUREŞ, 12643: VINGA, 12689: VÂRFURILE, 12778: ZÃBRANI, 12812: ZÃRAND, 12849: ZERIND, 12876: ZIMANDU NOU, 12912:DOROBANȚI, 12920:FRUMUŞENI, 12938:ZÃDĂRENI, 13169:MUNICIPIUL PITEŞTI, 13187:BASCOV, 13276:BRADU, 13301:ORAŞ MIOV ENI, 13365: MÃRÃCINENI, 13392: ORAŞ ŞTEFĂNEŞTI, 13490: MUNICIPIUL CÂMPULUNG, 13524: VALEA MARE PRAVĂŢ, 13622: MUNICIPIUL CU RTEA DE ARGEŞ, 13668: ORAŞ COSTEŞTI, 13757: ORAŞ TOPOLOVENI, 13819: ALBEŞTII DE ARGEŞ, 13891: ALBEŞTII DE MUSCEL, 13935: ALBOT A, 13999: ANINOASA, 14049: AREFU, 14085: BÃBANA, 14165: BÃICULEŞTI, 14272: BÃLILEŞTI, 14352: BELEŢI-NEGREŞTI, 14405: BEREVOEŞTI, 14450:BÂRLA, 14584:BOGAŢI, 14673:BOTENI, 14726:BOŢEŞTI, 14753:BRÃDULEŢ, 14851:BUDEASA, 14922:BUGHEA DE JOS, 14940:BUZO EȘTI, 15064: CĂLDĂRARU, 15108: CĂLINEȘTI, 15233: CĂTEASCA, 15313: CEPARI, 15402: CETĂȚENI, 15448: CICĂNEȘTI, 15493: CIOFRÂNGENI, 15554:CIOMÃGEŞTI, 15652:COCU, 15741:CORBENI, 15830:CORBI, 15901:COŞEŞTI, 15983:COTMEANA, 16132:CUCA, 16285:DAVIDEŞTI, 1 6329: DÂMBOVICIOARA, 16365: DÂRMÃNEŞTI, 16427: DOBREŞTI, 16454: DOMNEŞTI, 16472: DRAGOSLAVELE, 16506: DRÃGANU, 16551: GOD ENI, 16613: HÂRSEŞTI, 16659: HÂRTIEŞTI, 16739: IZVORU, 16757: LEORDENI, 16908: LEREŞTI, 16944: LUNCA CORBULUI, 17049: MÃLURENI, 1 7101: MERIŞANI, 17209: MICEŞTI, 17254: MIHÃEŞTI, 17334: MIOARELE, 17398: MIROŞI, 17423: MORÃREŞTI, 17496: MOŞOAIA, 17575: MOZÃ CENI, 17619: MUŞÃTEŞTI, 17726: NEGRAŞI, 17771: NUCŞOARA, 17824: OARJA, 17851: PIETROŞANI, 17913: POIENARII DE ARGEŞ, 17968: POIE NARII DE MUSCEL, 18028: POIANA LACULUI, 18162: POPEŞTI, 18242: PRIBOIENI, 18331: RÃTEŞTI, 18411: RECEA, 18475: ROCIU, 18527: RUCÃ R, 18554:SÃLÃTRUCU, 18581:SÃPATA, 18670:SCHITU GOLEŞTI, 18741:SLOBOZIA, 18778:STÂLPENI, 18858:STOENEŞTI, 18938:STOLNICI, 1 9007:SUSENI, 19114:ŞTEFAN CEL MARE, 19141:ŞUICI, 19212:TEIU, 19249:TIGVENI, 19338:ŢIŢEŞTI, 19392:UDA, 19560:UNGHENI, 19631: VALEA DANULUI, 19695: VALEA IAŞULUI, 19793: VEDEA, 19999: VLÃDEŞTI, 20048: RÂCA, 20055: VULTUREŞTI, 20063: BUGHEA DE SUS, 20297 :MUNICIPIUL BACÃU, 20313:HEMEIUŞ, 20359:LETEA VECHE, 20411:MÃGURA, 20466:MÃRGINENI, 20563:MUNICIPIUL ONEŞTI, 20607:GU RA VÃII, 20670:\$TEFAN CEL MARE, 20778:ORA\$ BUHUŞI, 20821:ORA\$ COMÃNEŞTI, 20876:MUNICIPIUL MOINEŞTI, 20910:ORA\$ SLÃNIC-M OLDOVA, 20965: ORAŞ TÂRGU OCNA, 21007: AGÃŞ, 21098: ARDEOANI, 21123: ASÃU, 21196: BALCANI, 21249: BEREŞTI-BISTRIŢA, 21338: BER EŞTI-TAZLÂU, 21418: BERZUNŢI, 21454: BÂRSÂNEŞTI, 21506: BLĀGEŞTI, 21560: BOGDÂNEŞTI, 21597: BRUSTUROASA, 21668: BUHOCI, 21720 :CAŞIN, 21757:CÃIUŢI, 21855:CLEJA, 21891:COLONEŞTI, 21971:CORBASCA, 22059:COŢOFÃNEŞTI, 22111:DÃMIENEŞTI, 22166:ORAŞ DÃR MÃNEŞTI, 22237: DEALU MORII, 22380: DOFTEANA, 22460: FARAOANI, 22488: FILIPENI, 22576: FILIPEŞTI, 22665: GÃICEANA, 22718: GHIMEŞ-FÃGET, 22781:GÂRLENI, 22834:GLÃVÃNEŞTI, 22898:HELEGIU, 22941:HORGEŞTI, 23047:HURUIEŞTI, 23127:IZVORU BERHECIULUI, 23207:L IPOVA, 23289: LIVEZI, 23350: LUIZI-CÃLUGÃRA, 23387: MÃGIREŞTI, 23449: MÃNÃSTIREA CAŞIN, 23494: MOTOŞENI, 23644: NEGRI, 23715: NI COLAE BÃLCESCU, 23797: OITUZ, 23868: ONCEŞTI, 23948: ORBENI, 23975: PALANCA, 24034: PARAVA, 24089: PARINCEA, 24187: PÂNCEŞTI, 2 4276: PÂRGÃREŞTI, 24338: PÂRJOL, 24427: PLOPANA, 24524: PODU TURCULUI, 24631: PODURI, 24711: RACOVA, 24766: RÃCÃCIUNI, 24837: R ÃCHITOASA, 24999:ROŞIORI, 25068:SASCUT, 25148:SÃNDULENI, 25228:SÃUCEŞTI, 25291:SCORŢENI, 25362:SECUIENI, 25488:SOLONŢ, 2 5521:STÃNIŞEŞTI, 25629:STRUGARI, 25692:TAMAŞI, 25745:TÃTÃRÃŞTI, 25825:TÂRGU TROTUŞ, 25861:TRAIAN, 25932:UNGURENI, 26029: URECHEŞTI, 26083: VALEA SEACÃ, 26118: VULTURENI, 26289: ZEMEŞ, 26320: SÃRATA, 26338: BUCIUMI, 26346: GIOSENI, 26353: ODOBEŞTI, 26361:PRĂJEŞTI, 26379:ITEŞTI, 26564:MUNICIPIUL ORADEA, 26582:SÂNMARTIN, 26653:SÂNTANDREI, 26699:ORAŞ ALEŞD, 26742:AŞTILE U, 26804: MUNICIPIUL BEIUŞ, 26840: ORAŞ ŞTEI, 26877: MUNICIPIUL MARGHITA, 26920: ORAŞ NUCET, 26975: MUNICIPIUL SALONTA, 27007 :ORAŞ VAŞCÃU, 27070:ABRAM, 27169:ABRÃMUT, 27212:AUŞEU, 27285:AVRAM IANCU, 27329:BALC, 27383:BATÃR, 27436:BIHARIA, 2750 6:BOIANU MARE, 27560:BOROD, 27631:BORŞ, 27686:BRATCA, 27757:BRUSTURI, 27846:BUDUREASA, 27908:BUDUSLÃU, 27935:BULZ, 27 971:BUNTEŞTI, 28077:CĂBEŞTI, 28139:CĂPÂLNA, 28193:CĂRPINET, 28246:CEFA, 28335:CEICA, 28415:CETARIU, 28497:CHERECHIU, 2853 0:CHIŞLAZ, 28610:SÂNIOB, 28665:CIUMEGHIU, 28709:CÂMPANI, 28763:COCIUBA MARE, 28816:COPÃCEL, 28889:CRIŞTIORU DE JOS, 289 41:CURĂŢELE, 29001:CURTUIȘENI, 29038:DERNA, 29092:DIOSIG, 29154:DOBREȘTI, 29243:DRĂGĂNEȘTI, 29341:DRĂGEȘTI, 29403:FINIȘ, 29467 : GIRIŞU DE CRIŞ, 29519 : HIDIŞELU DE SUS, 29573 : HOLOD, 29662 : HUSASÃU DE TINCA, 29724 : INEU, 29760 : LAZURI DE BEIUŞ, 29813 :LÃZÃRENI, 29902:LUGAŞU DE JOS, 29948:LUNCA, 30014:MÃDÃRAS, 30069:MÃGEŞTI, 30149:NOJORID, 30229:OLCEA, 30274:OŞORHEI, 30 336:PIETROASA, 30416:POCOLA, 30470:POMEZEU, 30568:POPEŞTI, 30648:RÃBÃGANI, 30719:REMETEA, 30773:RIENI, 30844:ROŞIA, 3087 1:SÃCÃDAT, 30915:ORAŞ SÃCUENI, 30988:SÃLACEA, 31011:SÃLARD, 31057:SÂMBÃTA, 31128:SÂRBI, 31208:SPINUŞ, 31262:SUPLACU DE BARCÃU, 31333:ŞIMIAN, 31379:ŞINTEU, 31422:ŞOIMI, 31510:ŞUNCUIUŞ, 31565:TARCEA, 31609:TÃRCAIA, 31654:TÃUTEU, 31716:TILEAG D, 31789:TINCA, 31841:TULCA, 31878:ŢEŢCHEA, 31921:UILEACU DE BEIUŞ, 31976:VADU CRIŞULUI, 32027:ORAŞ VALEA LUI MIHAI, 32045 : VIIŞOARA, 32090 : VÂRCIOROG, 32153 : TÃMÃŞEU, 32161 : PALEU, 32179 : SÂNNICOLAU ROMÂN, 32187 : ROŞIORI, 32195 : GEPIU, 32201 : TOBO LIU, 32394: MUNICIPIUL BISTRIȚA, 32483: ORAȘ BECLEAN, 32544: ORAȘ NÂSÃUD, 32599: ORAȘ SÂNGEORZ-BÃI, 32633: BISTRIȚA BÂRGÃULU I, 32660:BRANIŞTEA, 32704:BUDACU DE JOS, 32768:BUDEŞTI, 32811:CÃIANU MIC, 32884:CETATE, 32955:CICEU-GIURGEŞTI, 33015:CHIO CHIŞ, 33122:CHIUZA, 33177:COŞBUC, 33202:DUMİTRA, 33248:FELDRU, 33275:GALAŢII BISTRIŢEI, 33337:ILVA MARE, 33364:ILVA MICA, 3 3382:JOSENII BÂRGÃULUI, 33435:LECHINŢA, 33514:LEŞU, 33541:LIVEZILE, 33603:LUNCA ILVEI, 33621:MAIERU, 33658:MATEI, 33729:MÂ GURA ILVEI, 33765: MÃRIŞELU, 33845: MICEŞTII DE CÂMPIE, 33881: MILAŞ, 33952: MONOR, 33989: NIMIGEA, 34075: NUŞENI, 34155: PARVA, 34173: PETRU RAREŞ, 34235: PRUNDU BÂRGÃULUI, 34262: REBRA, 34280: REBRIŞOARA, 34333: RODNA, 34360: ROMULI, 34397: SALVA, 3442 2:SILIVAŞU DE CÂMPIE, 34477:SÂNMIHAIU DE CÂMPIE, 34547:SPERMEZEU, 34618:ŞANŢ, 34645:ŞIEU, 34690:ŞIEU-MÃGHERUŞ, 34770:ŞI EU-ODORHEI, 34850:ŞIEUŢ, 34903:ŞINTEREAG, 34985:TEACA, 35054:TELCIU, 35090:TIHA BÂRGÃULUI, 35152:TÂRLIŞUA, 35269:URIU, 353 12: URMENIŞ, 35429: ZAGRA, 35731: MUNICIPIUL BOTOŞANI, 35759: CURTEŞTI, 35839: RÃCHIŢI, 35884: STÃUCENI, 35946: ORAŞ DARABANI, 36006: MUNICIPIUL DOROHOI, 36060: ORAŞ SÃVENI, 36131: ALBEŞTI, 36202: AVRÃMENI, 36300: BÃLUŞENI, 36373: BRÃEŞTI, 36426: BROSCÃ UTI, 36453: ORAȘ BUCECEA, 36499: CĂLĂRAȘI, 36532: CONCEȘTI, 36569: COPĂLĂU, 36649: CORDĂRENI, 36676: CORLĂTENI, 36756: CORNI, 3 6809:COŢUŞCA, 36907:CRISTEŞTI, 36952:CRISTINEŞTI, 37011:DERSCA, 37057:DÂNGENI, 37100:DOBÂRCENI, 37173:DRÃGUŞENI, 37217: DURNEŞTI, 37280: ORAŞ FLÃMÂNZI, 37324: FRUMUŞICA, 37397: GEORGE ENESCU, 37459: GORBÃNEŞTI, 37547: HAVÂRNA, 37618: HÃNEŞTI, 37672: HILIŞEU-HORIA, 37734: HLIPICENI, 37770: HUDEŞTI, 37823: IBÃNEŞTI, 37850: LEORDA, 37912: LUNCA, 37958: MANOLEASA, 38063: M IHAI EMINESCU, 38161: MIHÃILENI, 38241: MIHÃLÃŞENI, 38321: MILEANCA, 38376: MITOC, 38456: NICŞENI, 38492: PÃLTINIŞ, 38544: POMÂ RLA, 38580: PRÃJENI, 38633: RÃDÃUŢI-PRUT, 38679: RÃUŞENI, 38731: RIPICENI, 38811: ROMA, 38848: ROMÂNEŞTI, 38893: SANTA MARE, 389 82:SUHARÃU, 39051:SULIŢA, 39122:ŞENDRICENI, 39168:ORAŞ ŞTEFÃNEŞTI, 39220:ŞTIUBIENI, 39266:TODIRENI, 39328:TRUŞEŞTI, 39391: TUDORA, 39417:UNGURENI, 39532:UNŢENI, 39612:VÃCULEŞTI, 39658:VIIŞOARA, 39694:VÂRFU CÂMPULUI, 39738:VLÃDENI, 39792:VLÃSI NEŞTI, 39836: VORNICENI, 39872: VORONA, 39942: LOZNA, 39959: DIMÃCHENI, 39967: CÂNDEŞTI, 39975: COŞULA, 39983: BLÂNDEŞTI, 4003 5:ADĂŞENI, 40198:MUNICIPIUL BRAŞOV, 40214:ORAŞ GHIMBAV, 40241:MUNICIPIUL CODLEA, 40278:MUNICIPIUL FÃGÃRAŞ, 40303:ORAŞ PREDEAL, 40367: ORAŞ RÂŞNOV, 40394: ORAŞ RUPEA, 40438: MUNICIPIUL SÃCELE, 40465: ORAŞ VICTORIA, 40492: ORAŞ ZÃRNEŞTI, 40526: A

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PAŢA, 40544: BECLEAN, 40606: BOD, 40633: BRAN, 40688: BUDILA, 40704: BUNEŞTI, 40768: CAŢA, 40820: CINCU, 40857: COMANA, 40900: C RISTIAN, 40928: DUMBRÃVIŢA, 40955: FELDIOARA, 40991: FUNDATA, 41033: HÂLCHIU, 41088: HÃRMAN, 41113: HÂRSENI, 41177: HOGHIZ, 4 1248: HOMOROD, 41284: JIBERT, 41346: LISA, 41382: MÃIERUŞ, 41417: MÂNDRA, 41471: MOIECIU, 41541: ORMENIŞ, 41578: PÃRÃU, 41621: POIANA MÃRULUI, 41667: PREJMER, 41701: RACOŞ, 41738: RECEA, 41818: ŞERCAIA, 41854: ŞINCA, 41925: SÂNPETRU, 41943: ŞOARŞ, 42003: TÃRLUNGENI, 42058: TELIU, 42076: TICUŞU, 42101: UCEA, 42156: UNGRA, 42183: VAMA BUZÃULUI, 42236: VIŞTEA, 42307: VOILA, 42398: VU LCAN, 42449: ŞINCA NOUÃ, 42456: CRIZBAV, 42464: SÂMBĂTA DE SUS, 42472: HOLBAV, 42480: DRÃGUŞ, 42498: AUGUSTIN, 42682: MUNICI PIUL BRÃILA, 42708: CHISCANI, 42753: ORAŞ FĂUREI, 42771: SURDILA-GRECI, 42824: BÃRÃGANUL, 42842: BERTEŞTII DE JOS, 42913: BORDEI VERDE, 42968: CIOCILE, 43019: CIREŞU, 43073: DUDEŞTI, 43117: FRECÃŢEI, 43180: GALBENU, 43242: GEMENELE, 43279: GRADIŞTEA, 43313 :GROPENI, 43331:ORAŞ IANCA, 43411:ORAŞ ÎNSURĀŢEI, 43466:JIRLÃU, 43493:MÃRAŞU, 43563:MÃXINENI, 43625:MIRCEA VODÃ, 43652: MOVILA MIRESII, 43698: RACOVIȚÃ, 43732: RÂMNICELU, 43787: ROMANU, 43812: ROŞIORI, 43867: SALCIA TUDOR, 43929: SCORȚARU NOU, 4 3992:SILIŞTEA, 44060:STÃNCUŢA, 44113:SURDILA-GÃISEANCA, 44140:ŞUŢEŞTI, 44177:TICHILEŞTI, 44202:TRAIAN, 44257:TUDOR VLADI MIRESCU, 44300:TUFEŞTI, 44328:ULMU, 44355:UNIREA, 44391:VÃDENI, 44435:VICTORIA, 44462:VIŞANI, 44505:VIZIRU, 44532:ZÃVOAIA, 44560 : CAZASU, 44818 : MUNICIPIUL BUZÃU, 44845 : MUNICIPIUL RÂMNICU SÃRAT, 44863 : AMARU, 44934 : BALTA ALBÂ, 44989 : BÂLÂCEANU , 45003:BECENI, 45101:BERCA, 45245:BISOCA, 45334:BLÃJANI, 45361:BOLDU, 45389:BOZIORU, 45496:BRÃDEANU, 45539:BRÃEŞTI, 4561 9:BREAZA, 45673:BUDA, 45753:CALVINI, 45815:C.A. ROSETTI, 45888:CÃNEŞTI, 45959:CÃTINA, 46019:CERNÃTEŞTI, 46108:CHILIILE, 4618 0:CHIOJDU, 46251:CILIBIA, 46313:CISLÃU, 46377:COCHIRLEANCA, 46439:COLŢI, 46484:COSTEŞTI, 46554:COZIENI, 46769:GÃLBINAŞI, 46 803: GHERÃSENI, 46830: GHERGHEASA, 46867: GLODEANU SÃRAT, 46910: GLODEANU-SILIŞTEA, 47006: GREBÃNU, 47079: GURA TEGHII, 47 159: LARGU, 47186: LOPÃTARI, 47300: LUCIU, 47337: MÃGURA, 47373: MÃRÃCINENI, 47417: MÃRGÃRITEŞTI, 47453: MEREI, 47578: MIHÃILE \$TI, 47630: MÂNZÃLEŞTI, 47774: MOVILA BANULUI, 47818: MURGEŞTI, 47854: NÃENI, 47916: ORAŞ NEHOIU, 48021: ODÃILE, 48138: PADINA, 48165: PARDOSI, 48227: PÃNÃTÃU, 48325: ORAŞ PÃTÂRLAGELE, 48487: PIETROASELE, 48557: PÂRSCOV, 48682: PODGORIA, 48744: ORAŞ PO GOANELE, 48771: POŞTA CÂLNÃU, 48842: PUIEŞTI, 48922: RACOVIŢENI, 48968: RÂMNICELU, 49019: ROBEASCA, 49046: RUŞEŢU, 49073: SÃG EATA, 49153:SÃHÃTENI, 49206:SÃPOCA, 49233:SÃRULESTI, 49313:SCORTOASA, 49439:SCUTELNICI, 49484:SIRIU, 49545:SMEENI, 49625: STÂLPU, 49643:TISÃU, 49769:TOPLICENI, 49849:ŢINTEŞTI, 49894:ULMENI, 49956:VADU PAŞII, 50022:VALEA RÂMNICULUI, 50068:VALEA SALCIEI, 50102: VERNEŞTI, 50228: VINTILĂ VODĂ, 50326: VIPEREŞTI, 50399: VÂLCELELE, 50415: ZĂRNEŞTI, 50479: ZIDURI, 50549: UNGURIU, 50564: FLORICA, 50790: MUNICIPIUL REŞIŢA, 50889: ORAŞ ANINA, 50923: ORAŞ BÃILE HERCULANE, 50969: ORAŞ BOCŞA, 50987: OCNA DE FI ER, 51010: MUNICIPIUL CARANSEBEŞ, 51056: ORAŞ MOLDOVA NOUÃ, 51118: ORAŞ ORAVIŢA, 51207: ORAŞ OŢELU ROŞU, 51243: ARMENIŞ, 51 305:BÃNIA, 51332:BÃUŢAR, 51387:BERLIŞTE, 51449:BERZASCA, 51500:BERZOVIA, 51546:BOLVAŞNIŢA, 51573:BOZOVICI, 51626:BREBU, 5 1662: BREBU NOU, 51699: BUCHIN, 51751: BUCOŞNIŢA, 51804: CARAŞOVA, 51840: CÃRBUNARI, 51877: CONSTANTIN DAICOVICIU, 51948: C ICLOVA ROMÂNĂ, 51984:CIUCHICI, 52035:CIUDANOVIŢA, 52062:COPĂCELE, 52115:CORNEA, 52160:CORNEREVA, 52570:DALBOŞEŢ, 5265 0:DOCLIN, 52696:DOGNECEA, 52721:DOMAŞNEA, 52758:EZERIŞ, 52785:FÂRLIUG, 52856:FOROTIC, 52909:GÂRNIC, 52936:GLIMBOCA, 52 954: GORUIA, 52990: GRÃDINARI, 53023: IABLANIȚA, 53069: LÃPUŞNICEL, 53103: LÃPUŞNICU MARE, 53130: LUNCAVIȚA, 53167: LUPAC, 532 10: MARGA, 53247: MÃURENI, 53274: MEHADIA, 53327: MEHADICA, 53345: NAIDÃŞ, 53372: OBREJA, 53425: PÃLTINIŞ, 53489: CORONINI, 53 513: POJEJENA, 53577: PRIGOR, 53639: RAMNA, 53675: RÃCÃŞDIA, 53700: EFTIMIE MURGU, 53728: RUSCA MONTANÃ, 53755: SACU, 53791: S ASCA MONTANÃ, 53853:SICHEVIŢA, 54056:SLATINA-TIMIŞ, 54109:SOCOL, 54163:ŞOPOTU NOU, 54270:TEREGOVA, 54305:TICVANIU MAR E, 54350:TÂRNOVA, 54387:TOPLEŢ, 54412:TURNU RUIENI, 54485:VÃLĪUG, 54500:VÃRÃDIA, 54537:VERMEŞ, 54573:VRANI, 54617:ZÃVOI, 5 4699:ZORLENŢU MARE, 54975:MUNICIPIUL CLUJ-NAPOCA, 55008:MUNICIPIUL DEJ, 55062:CUZDRIOARA, 55106:JICHIŞU DE JOS, 55160:MI CA, 55259: MUNICIPIUL TURDA, 55277: MIHAI VITEAZU, 55311: SÃNDULEŞTI, 55357: MUNICIPIUL CÂMPIA TURZII, 55384: MUNICIPIUL GHER LA, 55446: ORAŞ HUEDIN, 55473: AGHIREŞU, 55598: AITON, 55623: ALUNIŞ, 55687: APAHIDA, 55776: AŞCHILEU, 55838: BACIU, 55918: BÃIŞ OARA, 56014:BELIŞ, 56096:BOBÂLNA, 56210:BONŢIDA, 56265:BORŞA, 56327:BUZA, 56354:CÃIANU, 56425:CÃLÃRAŞI, 56461:CÃLÃŢELE, 56522:CÃMÃRAŞU, 56568:CÃPUŞU MARE, 56666:CÃŞEIU, 56773:CÃTINA, 56844:CEANU MARE, 56988:CHINTENI, 57083:CHIUIEŞTI, 5716 3:CIUCEA, 57225:CIURILA, 57314:CÂŢCÃU, 57350:COJOCNA, 57449:CORNEŞTI, 57546:DÃBÂCA, 57582:FELEACU, 57644:FIZEŞU GHERLII, 57706: FLOREȘTI, 57742: FRATA, 57831: GEACA, 57902: GILÃU, 57948: GÂRBÃU, 58008: IARA, 58142: ICLOD, 58204: IZVORU CRIŞULUI, 58259 :JUCU, 58311:LUNA, 58357:MÃGURI-RÃCÃTÃU, 58393:MÃNÃSTIRENI, 58464:MÃRGÃU, 58534:MÃRIŞEL, 58552:MINTIU GHERLII, 58623:M OCIU, 58721: MOLDOVENEȘTI, 58794: PÃLATCA, 58856: PANTICEU, 58918: PETREȘTII DE JOS, 58990: PLOSCOŞ, 59041: POIENI, 59130: RECEA -CRISTUR, 59238: RÂŞCA, 59283: SÃCUIEU, 59327: SÃVÃDISLA, 59416: SIC, 59434: SÂNCRAIU, 59498: SÂNMÃRTIN, 59586: SÂNPAUL, 59657: SUATU, 59693:TRITENII DE JOS, 59764:TURENI, 59826:ŢAGA, 59880:UNGURAŞ, 59942:VAD, 60026:VALEA IERII, 60062:VIIŞOARA, 60099:V ULTURENI, 60169: NEGRENI, 60419: MUNICIPIUL CONSTANȚA, 60455: ORAȘ EFORIE, 60482: MUNICIPIUL MANGALIA, 60507: ORAȘ NÃVODAR I, 60534: ORAŞ TECHIRGHIOL, 60570: AGIGEA, 60598: 23 AUGUST, 60632: LIMANU, 60687: ORAŞ OVIDIU, 60721: TUZLA, 60776: ORAŞ CERNA VODÃ, 60801: ORAŞ HÂRŞOVA, 60847: MUNICIPIUL MEDGIDIA, 60883: ADAMCLISI, 60945: ALBEŞTI, 61005: ALIMAN, 61069: BÃNEASA, 61121 :CASTELU, 61167:CERCHEZU, 61210:CHIRNOGENI, 61256:CIOBANU, 61283:CIOCÂRLIA, 61318:COBADIN, 61372:COGEALAC, 61452:COM ANA, 61513:CORBU, 61559:CRUCEA, 61620:CUMPÃNA, 61675:DELENI, 61737:DOBROMIR, 61808:GÂRLICIU, 61826:GHINDÃREŞTI, 61871: INDEPENDENȚA, 61951:ION CORVIN, 62020:ISTRIA, 62057:LIPNIȚA, 62137:MERENI, 62191:MIHAIL KOGÂLNICEANU, 62253:MIHAI VITEAZ U, 62280: MIRCEA VODÃ, 62360: ORAŞ MURFATLAR, 62397: ORAŞ NEGRU VODÃ, 62440: NICOLAE BÃLCESCU, 62486: OLTINA, 62538: OSTROV, 62609: PANTELIMON, 62672: PECINEAGA, 62707: PEŞTERA, 62761: POARTA ALBÃ, 62798: RASOVA, 62823: SARAIU, 62878: SÃCELE, 62903: SE IMENI, 62949:SILIŞTEA, 62985:TÂRGUŞOR, 63045:TOPALU, 63072:TOPRAISAR, 63125:VALU LUI TRAIAN, 63152:LUMINA, 63161:DUMBRÃV ENI, 63170: VULTURU, 63189: TORTOMAN, 63198: AMZACEA, 63278: HORIA, 63286: COSTINEŞTI, 63294: BĀRĀGANU, 63300: CUZA VODĀ, 63 318:SALIGNY, 63326:GRÃDINA, 63334:FÂNTÂNELE, 63394:MUNICIPIUL SFÂNTU GHEORGHE, 63447:ORAŞ BARAOLT, 63526:ORAŞ COVASN A, 63553: COMANDÃU, 63580: ORAŞ ÎNTORSURA BUZÃULUI, 63633: BARCANI, 63688: SITA BUZÃULUI, 63740: MUNICIPIUL TÂRGU SECUIESC , 63777: AITA MARE, 63802: BÃŢANI, 63866: BELIN, 63893: BODOC, 63937: BOROŞNEU MARE, 64005: BRATEŞ, 64041: BRÃDUŢ, 64096: BREŢC U, 64130:CATALINA, 64194:CERNAT, 64238:CHICHIŞ, 64265:DOBÂRLÃU, 64318:GHELINŢA, 64345:GHIDFALÃU, 64390:HÃGHIG, 64425:ILI ENI, 64461: LEMNIA, 64504: MALNAŞ, 64568: MOACŞA, 64602: OJDULA, 64639: OZUN, 64719: POIAN, 64773: RECI, 64826: SÂNZIENI, 64871: TURIA, 64906: VALEA CRIŞULUI, 64942: VÂLCELE, 64997: VÂRGHIŞ, 65011: ZAGON, 65048: ZÃBALA, 65099: VALEA MARE, 65105: MERENI, 651 13:ARCUŞ, 65121:BIXAD, 65139:MICFALÃU, 65147:DALNIC, 65154:ESTELNIC, 65342:MUNICIPIUL TÂRGOVIŞTE, 65379:ANINOASA, 65413: DOICEŞTI, 65431:RÃZVAD, 65477:ŞOTÂNGA, 65501:ULMI, 65609:ORAŞ FIENI, 65645:MOŢÃIENI, 65681:ORAŞ GÃEŞTI, 65707:GURA FOII, 6 5752: PETREŞTI, 65841: MUNICIPIUL MORENI, 65869: IEDERA, 65921: ORAŞ PUCIOASA, 66009: BRÃNEŞTI, 66081: ORAŞ TITU, 66152: BRANIŞ TEA, 66198: BÂLENI, 66223: BÂRBULEŢU, 66330: BEZDEAD, 66401: BILCIUREŞTI, 66438: BUCIUMENI, 66474: BUCŞANI, 66526: CÂNDEŞTI, 66 580:COBIA, 66697:COJASCA, 66731:COMISANI, 66768:CONTESTI, 66857:CORBII MARI, 66955:CORNÃTELU, 67014:CORNESTI, 67121:COS TEŞTII DIN VALE, 67167: CRÂNGURILE, 67256: DÃRMÃNEŞTI, 67292: DOBRA, 67327: DRAGODANA, 67407: DRAGOMIREŞTI, 67470: FINTA, 675 22:GLODENI, 67595:GURA OCNIȚEI, 67648:GURA ȘUȚII, 67675:HULUBEȘTI, 67737:I. L. CARAGIALE, 67773:LUCIENI, 67835:LUDEȘTI, 6790 6:LUNGULEŢU, 67942:MALU CU FLORI, 68002:MÃNEŞTI, 68048:MÃTÃSARU, 68128:MOGOŞANI, 68182:MOROENI, 68253:MORTENI, 68280 :NUCET, 68324:OCNIŢA, 68342:ODOBEŞTI, 68404:PIETROŞIŢA, 68431:POIANA, 68468:POTLOGI, 68529:PRODULEŞTI, 68565:PUCHENI, 68 627: ORAŞ RÃCARI, 68716: RUNCU, 68789: SÃLCIOARA, 68887: ŞELARU, 68921: TÃTÃRANI, 68976: ULIEŞTI, 69063: VALEA LUNGÃ, 69170: VAL EA MARE, 69250: VÃCÃREŞTI, 69303: VÃLENI-DÂMBOVIŢA, 69330: VIŞINA, 69394: VIŞINEŞTI, 69447: VÂRFURI, 69526: VOINEŞTI, 69615: VULC ANA-BÃI, 69900: MUNICIPIUL CRAIOVA, 69964: BUCOVÃŢ, 70094: IŞALNIŢA, 70110: PODARI, 70174: ŞIMNICU DE SUS, 70316: MUNICIPIUL B ÃILEŞTI, 70352:MUNICIPIUL CALAFAT, 70414:ORAŞ FILIAŞI, 70502:ORAŞ SEGARCEA, 70520:AFUMAŢI, 70566:ALMÃJ, 70637:AMÃRÃŞTII DE JOS, 70673:AMÃRÃŞTII DE SUS, 70726:APELE VII, 70744:ARGETOAIA, 70879:ORAŞ BECHET, 70897:BISTREŢ, 70940:BÂRCA, 70968:BOTOŞE ŞTI-PAIA, 70986:BRABOVA, 71055:BRÃDEŞTI, 71126:BRALOŞTIŢA, 71199:BRATOVOEŞTI, 71260:BREASTA, 71340:BULZEŞTI, 71457:CALOP

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ÃR, 71518:CARAULA, 71536:CARPEN, 71572:CASTRANOVA, 71607:CÃLÃRAŞI, 71634:CELARU, 71698:CERÃT, 71723:CERNÃTEŞTI, 71787:C ETATE, 71812:CIOROIAȘI, 71858:CIUPERCENII NOI, 71885:COŞOVENI, 71910:COŢOFENII DIN DOS, 71956:DANEŢI, 72007:ORAŞ DÃBULENI , 72034:DESA, 72052:DIOŞTI, 72098:DOBREŞTI, 72150:DRÃGOTEŞTI, 72221:DRÃNIC, 72276:FÃRCAŞ, 72383:GALICEA MARE, 72409:GHER CEŞTI, 72463: GIGHERA, 72506: GIUBEGA, 72533: GIURGIŢA, 72579: GÂNGIOVA, 72604: GOGOŞU, 72640: GOICEA, 72677: GOIEŞTI, 72819: G RECEŞTI, 72882:IZVOARE, 72926:LEU, 72953:LIPOVU, 72980:MÃCEŞU DE JOS, 73013:MÃCEŞU DE SUS, 73031:MAGLAVIT, 73068:MALU MA RE, 73102: MELINESTI, 73246: MISCHII, 73317: MÂRSANI, 73335: MOTÃTEI, 73371: MURGASI, 73460: NEGOI, 73503: ORODEL, 73567: OSTRO VENI, 73594: PERIŞOR, 73629: PIELEŞTI, 73665: PISCU VECHI, 73709: PLENIŢA, 73736: POIANA MARE, 73772: PREDEŞTI, 73852: RADOVAN, 73 905:RAST, 73923:ROBÃNEŞTI, 73996:SADOVA, 74028:SÃLCUŢA, 74073:SCÃEŞTI, 74108:SEACA DE CÂMP, 74135:SEACA DE PÃDURE, 7417 1:SECU, 74224:SILIŞTEA CRUCII, 74242:SOPOT, 74322:TEASC, 74359:TERPEZIŢA, 74411:TESLUI, 74509:TUGLUI, 74536:UNIREA, 74554:U RZICUŢA, 74581:VALEA STANCIULUI, 74616:VELA, 74705:VERBIŢA, 74732:VÂRTOP, 74750:VÂRVORU DE JOS, 74842:CATANE, 74859:CÂRCE A, 74867: CÂRNA, 74875: COŢOFENII DIN FAŢÃ, 74883: DOBROTEŞTI, 74891: GALICIUICA, 74907: GHIDICI, 74915: GHINDENI, 74923: ÎNTORS URA, 74931: PLEŞOI, 74949: ROJIŞTE, 74956: TÃLPAŞ, 75098: MUNICIPIUL GALAŢI, 75114: ŞENDRENI, 75150: VÂNÃTORI, 75203: MUNICIPIUL TECUCI, 75221: DRÃGÂNEŞTI, 75258: MUNTENI, 75338: ORAŞ BEREŞTI, 75356: BEREŞTI-MERIA, 75472: ORAŞ TÂRGU BUJOR, 75515: BARCEA, 75542:BÃLÃBÃNEŞTI, 75613:BÃLÃŞEŞTI, 75668:BÃLENI, 75686:BÃNEASA, 75711:BRANIŞTEA, 75766:BRÃHÂŞEŞTI, 75819:BUCIUMENI, 75 864:CAVADINEŞTI, 75917:CERŢEŞTI, 75953:COROD, 76004:CORNI, 76040:COSMEŞTI, 76111:COSTACHE NEGRI, 76139:CUCA, 76157:CUD ALBI, 76175:DRÃGUŞENI, 76255:FÂRŢÃNEŞTI, 76282:FOLTEŞTI, 76317:FRUMUŞIŢA, 76353:FUNDENI, 76406:GHIDIGENI, 76497:GOHOR, 7 6558:GRIVIȚA, 76585:INDEPENDENȚA, 76601:IVEȘTI, 76638:JORÃȘTI, 76674:LIEȘTI, 76692:MATCA, 76718:MÃSTÃCANI, 76745:MOVILENI, 76763:NÃMOLOASA, 76807:NICOREŞTI, 76932:OANCEA, 76969:PECHEA, 76996:PISCU, 77028:PRIPONEŞTI, 77082:REDIU, 77126:SCÂNTEI EŞTI, 77153:SCHELA, 77180:SLOBOZIA CONACHI, 77224:SMÂRDAN, 77260:SMULŢI, 77288:SUCEVENI, 77313:TUDOR VLADIMIRESCU, 773 31:TULUCEŞTI, 77377:TEPU, 77402:UMBRÃREŞTI, 77475:VALEA MÃRULUI, 77509:VÂRLEZI, 77536:VLÃDEŞTI, 77561:RÃDEŞTI, 77579:NEG RILEŞTI, 77587: POIANA, 77595: CUZA VODĂ, 77601: SUHURLUI, 77812: MUNICIPIUL TÂRGU JIU, 77910: BĂLEŞTI, 78016: DRÃGUŢEŞTI, 78089 :TURCINEȘTI, 78141:MUNICIPIUL MOTRU, 78258:ORAȘ NOVACI, 78329:ORAȘ TÂRGU CĂRBUNEȘTI, 78454:ORAȘ ȚICLENI, 78472:ALBENI, 7 8542:ALIMPEŞTI, 78604:ANINOASA, 78668:ARCANI, 78711:BAIA DE FIER, 78748:BĂLĂNEŞTI, 78828:BĂRBĂTEŞTI, 78873:BENGEŞTI-CIOCA DIA, 78926: BERLEŞTI, 79004: BÂLTENI, 79077: BOLBOŞI, 79157: BORÃSCU, 79237: BRÃNEŞTI, 79308: ORAŞ BUMBEŞTI-JIU, 79362: BUMBEŞTI -PIŢIC, 79406:BUSTUCHIN, 79497:CÃPRENI, 79585:CÃTUNELE, 79656:CIUPERCENI, 79736:CÂLNIC, 79834:CRASNA, 79932:CRUŞET, 80043 : DÃNCIULEŞTI, 80123: DÃNEŞTI, 80249: DRÃGOTEŞTI, 80285: FÃRCÃŞEŞTI, 80365: GLOGOVA, 80427: GODINEŞTI, 80506: HUREZANI, 80560: IONEŞTI, 80613: JUPÂNEŞTI, 80677: LELEŞTI, 80711: LICURICI, 80766: LOGREŞTI, 80846: MÃTÁSARI, 80908: MUŞETEŞTI, 80980: NEGOMIR, 81 095: PADES, 81184: PESTISANI, 81264: PLOPSORU, 81380: POLOVRAGI, 81415: PRIGORIA, 81497: ROSIA DE AMARADIA, 81576: RUNCU, 81656 :SAMARINEŞTI, 81754:SÃCELU, 81816:SÃULEŞTI, 81861:SCOARŢA, 81987:SCHELA, 82047:SLIVILEŞTI, 82136:STÃNEŞTI, 82243:STEJARI, 82 314:STOINA, 82396:TELEŞTI, 82430:ORAŞ TISMANA, 82555:TURBUREA, 82617:ORAŞ TURCENI, 82680:ŢÂNŢÃRENI, 82733:URDARI, 82779: VÃGIULEŞTI, 82831: VLADIMIR, 82895: ORAŞ ROVINARI, 83133: MUNICIPIUL ODORHEIU SECUIESC, 83151: BRÃDEŞTI, 83197: FELICENI, 83320 :MUNICIPIUL MIERCUREA CIUC, 83375: PÃULENI-CIUC, 83428: ORAŞ BÃILE TUŞNAD, 83464: ORAŞ BÃLAN, 83491: ORAŞ BORSEC, 83525: OR AŞ CRISTURU SECUIESC, 83561: MUNICIPIUL GHEORGHENI, 83632: MUNICIPIUL TOPLITA, 83749: ORAŞ VLÃHIŢA, 83785: ATID, 83847: AVRÃ MEŞTI, 83936:BILBOR, 83963:CÃPÂLNITA, 83981:CIUCSÂNGEORGIU, 84086:CIUMANI, 84102:CÂRȚA, 84148:CORBU, 84175:CORUND, 842 37:DÃNEŞTI, 84264:DEALU, 84344:DITRÃU, 84380:DÂRJIU, 84415:FRUMOASA, 84460:GÃLÃUŢAŞ, 84558:JOSENI, 84594:LÃZAREA, 84629: LUETA, 84656: LUNCA DE JOS, 84754: LUNCA DE SUS, 84825: LUPENI, 84923: MÃRTINIŞ, 85056: MEREŞTI, 85074: MIHÂILENI, 85127: MUGENI , 85243: OCLAND, 85289: PLÃIEŞII DE JOS, 85341: PRAID, 85412: REMETEA, 85467: SÃCEL, 85528: SÃRMAŞ, 85582: SECUIENI, 85626: SICULEN I, 85680:SÂNCRÃIENI, 85760:SÂNDOMINIC, 85788:SÂNMARTIN, 85840:SÂNSIMION, 85877:SUBCETATE, 85920:SUSENI, 85984:ŞIMONEŞT I, 86133:TULGHEŞ, 86188:TUŞNAD, 86222:ULIEŞ, 86311:VÃRŞAG, 86339:VOŞLÃBENI, 86366:ZETEA, 86438:MÃDÃRAŞ, 86446:COZMENI, 8 6453:TOMEŞTI, 86461:CICEU, 86479:LELICENI, 86487:PORUMBENI, 86495:RACU, 86501:SATU MARE, 86519:SÂNTIMBRU, 86687:MUNICI PIUL DEVA, 86749: CÂRJIŢI, 86810: MUNICIPIUL HUNEDOARA, 86883: GHELARI, 86936: TELIUCU INFERIOR, 86990: MUNICIPIUL PETROŞANI, 8 7059: MUNICIPIUL LUPENI, 87077: ORAŞ PETRILA, 87139: ORAŞ URICANI, 87175: MUNICIPIUL VULCAN, 87219: ORAŞ ANINOASA, 87246: BÃN IŢA, 87291:MUNICIPIUL BRAD, 87362:CRIŞCIOR, 87424:ORAŞ CÃLAN, 87576:ORAŞ HAŢEG, 87638:MUNICIPIUL ORÃŞTIE, 87665:ORAŞ SIM ERIA, 87745:BAIA DE CRIŞ, 87843:BALŞA, 87996:BARU, 88047:BÃCIA, 88092:BÃIŢA, 88216:BÃTRÂNA, 88261:BERIU, 88350:BLÃJENI, 8844 9:BOŞOROD, 88546:BRÃNIŞCA, 88644:BRETEA ROMÂNÃ, 88788:BUCEŞ, 88868:BUCUREŞCI, 88920:BULZEŞTII DE SUS, 89026:BUNILA, 890 80:BURJUC, 89151:CERBĂL, 89240:CERTEJU DE SUS, 89348:DENSUŞ, 89428:DOBRA, 89561:ORAŞ GEOAGIU, 89687:GURASADA, 89801:HÃ RÃU, 89856: ILIA, 89954: LÃPUGIU DE JOS, 90066: LELESE, 90119: LUNCA CERNII DE JOS, 90208: LUNCOIU DE JOS, 90262: MÃRTINEŞTI, 90342 :ORÃŞTIOARA DE SUS, 90431:PESTIŞU MIC, 90538:PUI, 90663:RAPOLTU MARE, 90725:RÃCHITOVA, 90805:RIBIŢA, 90878:RÂU DE MORI, 90 994: ROMOS, 91054: SARMIZEGETUSA, 91116: SÃLAŞU DE SUS, 91232: SÂNTÃMÃRIA-ORLEA, 91330: ŞOIMUŞ, 91447: TOMEŞTI, 91535: TOPLI TA, 91624:TOTEŞTI, 91688:TURDAŞ, 91731:GENERAL BERTHELOT, 91795:VAŢA DE JOS, 91937:VĀLIŞOARA, 91982:VEŢEL, 92097:VORŢA, 92 177: ZAM, 92569: MUNICIPIUL CĂLĂRAȘI, 92587: MODELU, 92658: MUNICIPIUL SLOBOZIA, 92701: MUNICIPIUL FETEȘTI, 92765: ORAȘ ȚĂND ÃREI, 92783:ALBEŞTI, 92836:ORAŞ AMARA, 92872:ANDRÃŞEŞTI, 92907:BALACIU, 92961:BORCEA, 92989:BORDUŞANI, 93021:BUCU, 9306 7:ORAŞ CÃZÃNEŞTI, 93085:CIOCÃNEŞTI, 93101:CIOCHINA, 93156:CIULNIŢA, 93209:COCORA, 93236:COSÂMBEŞTI, 93281:CUZA VODA, 93 325: DICHISENI, 93370: DOR MÃRUNT, 93441: DOROBANŢU, 93487: DRAGALINA, 93539: DRAGOŞ VODÃ, 93575: FÃCÃENI, 93600: GHEORGH E DOJA, 93628: GHEORGHE LAZĂR, 93646: GIURGENI, 93664: GRĂDIŞTEA, 93717: GRINDU, 93735: GRIVIȚA, 93771: INDEPENDENȚA, 93815: JE GÃLIA, 93851:LEHLIU, 93888:ORAŞ LEHLIU- GARÃ, 93931:LUPŞANU, 93995:MIHAIL KOGÃLNICEANU, 94045:MILOŞEŞTI, 94081:MOVILA, 94 107: MUNTENI-BUZÃU, 94125: ALEXANDRU ODOBESCU, 94161: PERIEȚI, 94223: PERIŞORU, 94269: REVIGA, 94312: ROSEȚI, 94330: SÃLCIOAR A, 94376: SÃVENI, 94429: SCÂNTEIA, 94456: SFÂNTU GHEORGHE, 94492: STELNICA, 94535: SUDIŢI, 94562: ŞTEFAN CEL MARE, 94580: ŞTEFA N VODÃ, 94606: ULMU, 94651: UNIREA, 94688: VALEA CIORII, 94731: VÂLCELELE, 94768: VLAD ŢEPEŞ, 94795: VLÃDENI, 95060: MUNICIPIUL I AŞI, 95088: BÂRNOVA, 95159: HOLBOCA, 95239: REDIU, 95293: TOMEŞTI, 95355: ORAŞ HÂRLÃU, 95391: MUNICIPIUL PAŞCANI, 95471: ORAŞ TÂRGU FRUMOS, 95499: ION NECULCE, 95612: ALEXANDRU I. CUZA, 95667: ANDRIEŞENI, 95747: ARONEANU, 95792: BĂLŢAŢI, 95872: BELCE \$TI, 95943:BIVOLARI, 96003:UNGHENI, 96058:BRÃE\$TI, 96110:BUTEA, 96147:CEPLENIȚA, 96192:CIORTE\$TI, 96254:CIUREA, 96334:COAR NELE CAPREI, 96370: COMARNA, 96423: COSTULENI, 96478: COTNARI, 96593: COZMEŞTI, 96637: CRISTEŞTI, 96664: CUCUTENI, 96717: DAG ÂTA, 96815: DELENI, 96888: DOBROVÃT, 96904: DOLHESTI, 96940: DUMESTI, 97009: ERBICENI, 97063: FOCURI, 97090: GOLÃIESTI, 97189: G ORBAN, 97241: GRAJDURI, 97321: GROPNIȚA, 97394: GROZEȘTI, 97438: HÃLÃUCEȘTI, 97465: HELEȘTENI, 97517: HORLEȘTI, 97553: IPATELE, 97606:LESPEZI, 97679:LEȚCANI, 97722:LUNGANI, 97777:MÃDÂRJAC, 97811:MIRCEŞTI, 97875:MIRONEASA, 97919:MIROSLAVA, 98051:MI ROSLOVESTI, 98113: MOGOSESTI, 98168: MOGOSESTI-SIRET, 98202: MOSNA, 98220: MOTCA, 98257: MOVILENI, 98300: OTELENI, 98337: PLU GARI, 98373: ORAȘ PODU ILOAIEI, 98435: POPEȘTI, 98505: POPRICANI, 98603: PRISĂCANI, 98649: PROBOTA, 98685: RĂDUCĂNENI, 98738: RO MÂNEŞTI, 98774:RUGINOASA, 98827:SCHITU DUCA, 98916:SCÂNTEIA, 98998:SCOBINŢI, 99058:SINEŞTI, 99101:SIREŢEL, 99165:STOLNIC ENI-PRÃJESCU, 99209: STRUNGA, 99290: ŞCHEIA, 99370: ŞIPOTE, 99441: TANSA, 99478: TÃTÃRUŞI, 99539: TODIREŞTI, 99600: TRIFEŞTI, 9967 3:ŢIBANA, 99780:ŢIBĂNEŞTI, 99879:ŢIGĂNĂŞI, 99922:ŢUŢORA, 99968:VALEA SEACĂ, 100004:VICTORIA, 100086:VÂNĂTORI, 100148:VLĂD ENI, 100219: VOINEȘTI, 100273: BALȘ, 100282: COSTEȘTI, 100308: DRĂGUȘENI, 100317: FÂNTÂNELE, 100326: HÃRMÃNEȘTI, 100335: RĂCHI TENI, 100344: ROŞCANI, 100353: VALEA LUPULUI, 100362: CIOHORÃNI, 100521: MUNICIPIUL GIURGIU, 100549: SLOBOZIA, 100576: ORAŞ BU FTEA, 100610: MUNICIPIUL OLTENIȚA, 100638: MITRENI, 100683: MUNICIPIUL URZICENI, 100709: CIOCÂRLIA, 100736: MANASIA, 100754: A DÂNCATA, 100781: ADUNAŢII-COPÃCENI, 100834: AFUMAŢI, 100852: ALEXENI, 100870: ARMÃŞEŞTI, 100923: AXINTELE, 100969: BALOTEŞTI, 101001: BÃNEASA, 101056: BÃRCÃNEŞTI, 101083: BELCIUGATELE, 101145: BERCENI, 101163: BOLINTIN-DEAL, 101190: ORAŞ BOLINTIN-VAL E, 101243:RADULEŞTI, 101298:BRÃNEŞTI, 101341:BREZOAELE, 101378:BUCŞANI, 101458:ORAŞ BUDEŞTI, 101519:BULBUCATA, 101564:B

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UTIMANU, 101617: BUTURUGENI, 101662: CÃLUGÃRENI, 101724: CÃSCIOARELE, 101742: CERNICA, 101804: CHIRNOGI, 101822: CHISELET, 1 01840:CIOCÂNEŞTI, 101902:CIOLPANI, 101957:CIOROGÂRLA, 101984:CLEJANI, 102035:CLINCENI, 102071:COLIBAŞI, 102106:COMANA, 1 02160:CORBEANCA, 102213:CORNETU, 102240:COŞERENI, 102286:CREVEDIA, 102348:CREVEDIA MARE, 102419:CURCANI, 102446:DAIA, 102473: DASCÃLU, 102525: DÃRÃŞTI-ILFOV, 102543: 1 DECEMBRIE, 102570: DOMNEŞTI, 102605: DRAGOMIREŞTI-VALE, 102641: DRÃGOEŞTI, 102703:DRIDU, 102749:ORAŞ FIERBINŢI-TÂRG, 102794:FLOREŞTI-STOENEŞTI, 102838:FRÃSINET, 102909:FRÃTEŞTI, 102945:FRUMUŞANI, 1 03014: FUNDENI, 103032: ORAŞ FUNDULEA, 103087: GÃISENI, 103130: GÃNEASA, 103194: GÃUJANI, 103238: GHIMPAŢI, 103283: GÂRBOVI, 103309:GOGOŞARI, 103354:GOSTINU, 103372:GOSTINARI, 103407:GRÃDINARI, 103443:GRÃDIŞTEA, 103470:GREACA, 103513:GRUIU, 10 3568: GURBÃNEŞTI, 103639: HOTARELE, 103693: IEPUREŞTI, 103764: ILEANA, 103862: ION ROATÃ, 103899: IZVOARELE, 103960: JILAVELE, 10 3997: JOIŢA, 104047: LETCA NOUÃ, 104083: LUICA, 104118: MIHAI BRAVU, 104136: ORAŞ MIHĀILEŞTI, 104181: MÂNĀSTIREA, 104225: MÂRŞ A, 104243: MOARA VLÃSIEI, 104270: MOVILIȚA, 104323: NANA, 104341: NICOLAE BÃLCESCU, 104387: NICULEȘTI, 104421: NUCI, 104485: OG REZENI, 104519: OINACU, 104546: PERIŞ, 104582: PETRÃCHIOAIA, 104635: PLÃTÃREŞTI, 104680: PRUNDU, 104715: PUTINEIU, 104751: RADO VANU, 104788: RÃSUCENI, 104831: ROATA DE JOS, 104886: SÃRULEŞTI, 104975: SCHITU, 105026: SINEŞTI, 105106: SINGURENI, 105142: SLO BOZIA MOARÃ, 105160: SNAGOV, 105222: SOHATU, 105259: SPANŢOV, 105295: STÃNEŞTI, 105348: STOENEŞTI, 105384: ŞOLDANU, 105419: ŞTEFÂNEŞTII DE JOS, 105455:TÂMÂDÂU MARE, 105534:TÂRTÂŞEŞTI, 105570:TUNARI, 105605:ULMENI, 105623:ULMI, 105712:VALEA ARG OVEI, 105776: VALEA DRAGULUI, 105794: VALEA MÃCRIŞULUI, 105829: VASILAŢI, 105874: VÃRÃŞTI, 105909: VEDEA, 105936: VIDRA, 105972: VÂNÃTORII MICI, 106318: MUNICIPIUL BAIA MARE, 106363: GROŞI, 106407: RECEA, 106461: ORAŞ TÃUŢII-MÃGHERÂUŞ, 106559: MUNICIPIU L SIGHETU MARMAŢIEI, 106620: SARASÃU, 106648: VADU IZEI, 106684: ORAŞ BAIA SPRIE, 106746: ORAŞ BORŞA, 106782: ORAŞ CAVNIC, 106 817: ORAŞ TÂRGU LÃPUŞ, 106979: ORAŞ VIŞEU DE SUS, 107001: ARDUSAT, 107047: ARINIŞ, 107083: ASUAJU DE SUS, 107118: BÃIŢA DE SUB CODRU, 107154: BÃIUŢ, 107190: BÃSEŞTI, 107234: BICAZ, 107270: BISTRA, 107314: BÂRSANA, 107350: BOCICOIU MARE, 107403: BOGDAN V ODÃ, 107430: BOIU MARE, 107485: BOTIZA, 107519: BUDEȘTI, 107546: CÃLINEȘTI, 107582: CERNEȘTI, 107662: CICÂRLÃU, 107715: CÂMPUL UNG LA TISA, 107733:COPALNIC-MÃNÃŞTUR, 107868:COROIENI, 107920:CUPŞENI, 107975:DESEŞTI, 108017:ORAŞ DRAGOMIREŞTI, 10803 5:DUMBRÃVĪŢA, 108106:FÃRCAŞA, 108151:GIULEŞTI, 108204:IEUD, 108222:LÃPUŞ, 108240:LEORDINA, 108268:MIREŞU MARE, 108348:M OISEI, 108366: OARȚA DE JOS, 108400: OCNA ŞUGATAG, 108455: PETROVA, 108473: POIENILE DE SUB MUNTE, 108491: REMETEA CHIOARUL UI, 108552:REMEŢI, 108598:REPEDEA, 108614:RONA DE JOS, 108632:RONA DE SUS, 108669:ROZAVLEA, 108696:RUSCOVA, 108712:SATUL UNG, 108794:SÃCÃLÃŞENI, 108874:SÃCEL, 108892:ORAŞ SÃLIŞTEA DE SUS, 108918:SÃLSIG, 108945:SÃPÂNŢA, 108963:ORAŞ SEINI, 10900 5:STRÂMTURA, 109041:SUCIU DE SUS, 109096:ŞISEŞTI, 109176:ORAŞ ŞOMCUTA MARE, 109265:ORAŞ ULMENI, 109354:VALEA CHIOARUL UI, 109425: VIMA MICÃ, 109504: VIȘEU DE JOS, 109773: MUNICIPIUL DROBETA-TURNU SEVERIN, 109826: ŞIMIAN, 109924: ORAȘ BAIA DE AR AMÃ, 110027: OBÂRŞIA-CLOŞANI, 110063: MUNICIPIUL ORŞOVA, 110116: ORAŞ STREHAIA, 110232: ORAŞ VÂNJU MARE, 110296: BALA, 11045 6:BALTA, 110535:BÃLÃCIŢA, 110571:BÂCLEŞ, 110688:BÂLVÃNEŞTI, 110740:BREZNIŢA-MOTRU, 110820:BREZNIŢA-OCOL, 110875:BROŞTE NI, 110946:BURILA MARE, 111006:BUTOIEȘTI, 111097:CÃZĂNEȘTI, 111220:CIREȘU, 111275:CORCOVA, 111417:CORLĂȚEL, 111444:CUJMI R, 111480: DEVESEL, 111550: DÂRVARI, 111587: DUMBRAVA, 111685: FLOREŞTI, 111783: GÂRLA MARE, 111818: GODEANU, 111863: GOGOŞU , 111916:GRECI, 111989:GROZEŞTI, 112030:GRUIA, 112076:HINOVA, 112129:HUSNICIOARA, 112245:EŞELNIŢA, 112263:ILOVÃŢ, 112334:I LOVIȚA, 112370:ISVERNA, 112469:IZVORU BÂRZII, 112548:JIANA, 112600:LIVEZILE, 112664:MALOVÃŢ, 112744:OBÂRŞIA DE CÂMP, 112771 :OPRIŞOR, 112806: PÃDINA, 112879: PÃTULELE, 112904: DUBOVA, 112959: PODENI, 112995: PONOARELE, 113153: POROINA MARE, 113206: PRISTOL, 113233: PRUNIŞOR, 113395: PUNGHINA, 113466: ROGOVA, 113493: SALCIA, 113518: STÂNGÃCEAUA, 113607: SVINIŢA, 113625: ŞIŞ EŞTI, 113698:ŞOVARNA, 113732:TÂMNA, 113849:VÂNÃTORI, 113894:VÂNJULEŢ, 113929:VLÃDAIA, 113974:VOLOIAC, 114060:BRANIŞTEA, 114079:VRATA, 114319:MUNICIPIUL TÂRGU MUREŞ, 114355:CRISTEŞTI, 114382:SÂNCRAIU DE MUREŞ, 114417:SÂNGEORGIU DE MUREŞ, 1 14453: SÂNTANA DE MUREŞ, 114514: MUNICIPIUL SIGHIŞOARA, 114603: ALBEŞTI, 114710: ORAŞ LUDUŞ, 114809: MUNICIPIUL REGHIN, 114 854: ORAŞ SOVATA, 114925: MUNICIPIUL TÂRNÃVENI, 114970: ACÃŢARI, 115076: ADÃMUŞ, 115147: ALUNIŞ, 115183: APOLD, 115236: AŢINT IŞ, 115307:BAHNEA, 115389:BAND, 115520:BATOŞ, 115575:BÃGACIU, 115600:BÃLA, 115637:BÃLÃUŞERI, 115708:BEICA DE JOS, 115771: BICHIŞ, 115824: BOGATA, 115851: BREAZA, 115897: BRÂNCOVENEŞTI, 115959: CEUAŞU DE CÂMPIE, 116046: CHEȚANI, 116126: CHIHERU D E JOS, 116171: COROISÂNMÃRTIN, 116224: COZMA, 116288: CRÃCIUNEȘTI, 116340: CRÃIEȘTI, 116395: CUCERDEA, 116439: CUCI, 116493: D ANEŞ, 116545: DEDA, 116590: EREMITU, 116652: ERNEI, 116723: FÃRÃGÃU, 116796: FÂNTÂNELE, 116867: GÃLEŞTI, 116938: GÃNEŞTI, 11698 3:GHEORGHE DOJA, 117042:GHINDARI, 117113:GLODENI, 117177:GORNEŞTI, 117275:GREBENIŞU DE CÂMPIE, 117319:GURGHIU, 117426 :HODAC, 117505:HODOŞA, 117550:IBÃNEŞTI, 117667:ICLÃNZEL, 117783:IDECIU DE JOS, 117827:ORAŞ IERNUT, 117925:LIVEZENI, 117998 :LUNCA, 118058:LUNCA BRADULUI, 118094:MÃGHERANI, 118209:MICA, 118281:ORAŞ MIERCUREA NIRAJULUI, 118370:MIHEŞU DE CÂMPI E, 118469:NADEŞ, 118511:NEAUA, 118575:OGRA, 118637:PAPIU ILARIAN, 118691:PÃNET, 118753:PÃSÃRENI, 118799:PETELEA, 118824:P OGÃCEAUA, 118931: RÃSTOLIȚA, 118995: RÂCIU, 119153: RUŞII-MUNȚI, 119206: SASCHIZ, 119242: ORAŞ SARMAŞU, 119331: ORAŞ SÂNGEO RGIU DE PÃDURE, 119386:SÂNGER, 119466:SÂNPAUL, 119527:SÂNPETRU DE CÂMPIE, 119590:SOLOVÃSTRU, 119625:STÂNCENI, 119661:S UPLAC, 119723: SUSENI, 119750: ŞÃULIA, 119803: ŞINCAI, 119858: TÃURENI, 119894: ORAŞ UNGHENI, 119974: VALEA LARGÃ, 120076: VÃRG ATA, 120138:VÃTAVA, 120174:VEŢCA, 120218:VIIŞOARA, 120254:VÂNÃTORI, 120316:VOIVODENI, 120343:ZAGÃR, 120370:ZAU DE CÂMPIE , 120478: CHIBED, 120487: CORUNCA, 120496: SĂRĂŢENI, 120502: MÃDĂRAŞ, 120511: BERENI, 120726: MUNICIPIUL PIATRA-NEAMŢ, 120771 :DUMBRAVA ROŞIE, 120824:SÃVINEŞTI, 120860:MUNICIPIUL ROMAN, 120888:CORDUN, 120922:HORIA, 120968:ORAŞ BICAZ, 121055:OR AŞ TÂRGU NEAMŢ, 121108: AGAPIA, 121153: BAHNA, 121242: BÃLŢÃTEŞTI, 121297: BICAZ-CHEI, 121340: BICAZU ARDELEAN, 121386: BIRA, 121466:BÂRGÃUANI, 121607:BODEŞTI, 121652:BORCA, 121732:BORLEŞTI, 121796:BOTEŞTI, 121876:BOZIENI, 121938:BRUSTURI, 122025 :CEAHLÃU, 122061:CÂNDEŞTI, 122132:COSTIŞA, 122187:CRÃCÃOANI, 122249:DÃMUC, 122285:DOBRENI, 122347:DOLJEŞTI, 122392:DRA GOMIREŞTI, 122463: DULCEŞTI, 122551: FARCAŞA, 122613: FÃUREI, 122668: GHERÃEŞTI, 122702: GIROV, 122828: GÂRCINA, 122864: GRINŢI EŞ, 122908: GRUMÂZEŞTI, 122953: HANGU, 123013: ICUŞEŞTI, 123102: ION CREANGĂ, 123175: MĂRGINENI, 123228: MOLDOVENI, 123255: ONICENI, 123371: PÃSTRÃVENI, 123424: PETRICANI, 123479: PIATRA ŞOIMULUI, 123521: PIPIRIG, 123601: PÂNGÃRAŢI, 123674: PODOLENI, 1 23709 : POIENARI, 123790 : POIANA TEIULUI, 123914 : RÃUCEŞTI, 123969 : RÃZBOIENI, 124028 : REDIU, 124073 : ROMÂNI, 124117 : ORAŞ ROZN OV, 124153:SAGNA, 124206:SÃBÃOANI, 124233:SECUIENI, 124331:STÃNIŢA, 124411:ŞTEFAN CEL MARE, 124493:TARCÃU, 124563:TAŞCA , 124616: TAZLÃU, 124634: TÃMÃŞENI, 124661: TIMIŞEŞTI, 124723: TRIFEŞTI, 124750: TUPILAŢI, 124803: ŢIBUCANI, 124849: URECHENI, 124 885: VALEA URSULUI, 124938: ALEXANDRU CEL BUN, 125016: VÂNĂTORI-NEAMŢ, 125061: ZÃNEŞTI, 125098: DOCHIA, 125105: RUGINOASA, 125114: GHINDÃOANI, 125123: VÃLENI, 125132: DRÃGÃNEŞTI, 125141: PÂNCEŞTI, 125150: GÂDINŢI, 125169: NEGREŞTI, 125178: BOGHICEA , 125347: MUNICIPIUL SLATINA, 125374: SLÃTIOARA, 125418: ORAŞ BALŞ, 125472: MUNICIPIUL CARACAL, 125490: DRÃGHICENI, 125542: OR AŞ CORABIA, 125588: GÂRCOV, 125622: ORAŞ DRÃGÃNEŞTI-OLT, 125659: BÃBICIU, 125677: BALDOVINEŞTI, 125757: BÃRÃŞTI, 125846: BÂRZ A, 125873:BOBICESTI, 125962:BRASTAVÃŢU, 125999:BREBENI, 126022:BRÂNCOVENI, 126077:BUCINISU, 126102:CEZIENI, 126148:CILIEN I, 126166: CÂRLOGANI, 126228: COLONEȘTI, 126326: CORBU, 126380: COTEANA, 126406: CRÂMPOIA, 126433: CURTIȘOARA, 126503: CUNGR EA, 126585: DÃNEASA, 126647: DEVESELU, 126674: DOBREŢU, 126718: DOBROSLOVENI, 126772: DOBROTEASA, 126825: DOBRUN, 126905: F ÃGEŢELU, 126978: FÃLCOIU, 127019: FÃRCAŞELE, 127064: GÃNEASA, 127126: GIUVÃRÃŞTI, 127144: GOSTAVÃŢU, 127171: GRÃDINARI, 1272 24: GROJDIBODU, 127251: IANCA, 127288: IANCU JIANU, 127322: ICOANA, 127368: IZBICENI, 127386: IZVOARELE, 127411: LELEASCA, 12749 3: MÃRUNŢEI, 127536: MIHÃEŞTI, 127563: MILCOV, 127625: MORUNGLAV, 127689: MOVILENI, 127714: NICOLAE TITULESCU, 127750: OBÂRŞ IA, 127812:OBOGA, 127858:OPORELU, 127901:OPTAŞI-MÃGURA, 127938:ORLEA, 127983:OSICA DE SUS, 128052:PERIEŢI, 128105:ORAŞ PI ATRA-OLT, 128178: PÂRŞCOVENI, 128221: PLEŞOIU, 128301: POBORU, 128374: ORAŞ POTCOAVA, 128436: PRISEACA, 128472: RADOMIREŞTI, 128524: REDEA, 128560: ROTUNDA, 128588: RUSÃNEŞTI, 128613: SCÃRIŞOARA, 128659: SCHITU, 128711: ORAŞ SCORNICEŞTI, 128864: SEAC A, 128882:SÂMBUREŞTI, 128962:SPINENI, 129040:SPRÂNCENATA, 129095:STOENEŞTI, 129111:STOICÃNEŞTI, 129139:STREJEŞTI, 129184: STUDINA, 129246: ŞERBÃNEŞTI, 129282: ŞTEFAN CEL MARE, 129317: TÃTULEŞTI, 129380: TESLUI, 129460: TIA MARE, 129503: TOPANA, 1295

APPENDIX B — CATEGORIES 45 / 74

67:TRAIAN, 129585:TUFENI, 129629:URZICA, 129656:VALEA MARE, 129718:VÃDASTRA, 129745:VÃDÃSTRIŢA, 129763:VÃLENI, 129816:VE RGULEASA, 129898:VIŞINA, 129914:VITOMIREŞTI, 129987:VÂLCELE, 130026:VLÃDILA, 130062:VOINEASA, 130124:VULPENI, 130231:VULT UREȘTI, 130286: BÃLTENI, 130295: CÃLUI, 130302: GÃVÃNEȘTI, 130311: GHIMPEŢENI, 130320: GRÃDINILE, 130339: GURA PADINII, 130348: I POTEȘTI, 130357: OSICA DE JOS, 130366: SÂRBII - MÃGURA, 130375: VIŞINA NOUÃ, 130384: ŞOPÂRLIȚA, 130534: MUNICIPIUL PLOIEȘTI, 1305 52:BĀRCÃNEŞTI, 130614:BERCENI, 130678:BLEJOI, 130712:BRAZI, 130785:BUCOV, 130847:PÃULEŞTI, 130892:TÂRGŞORU VECHI, 130954: ORAŞ AZUGA, 130981: ORAŞ BÃICOI, 131069: ORAŞ BOLDEŞTI-SCÃENI, 131103: ORAŞ BREAZA, 131210: ORAŞ BUŞTENI, 131256: MUNICIPIUL CÂMPINA, 131274: POIANA CÂMPINA, 131336: ORAŞ COMARNIC, 131407: ORAŞ MIZIL, 131443: ORAŞ PLOPENI, 131461: DUMBRÃVEŞTI, 1315 40:ORAŞ SINAIA, 131577:ORAŞ SLÃNIC, 131620:ORAŞ URLAŢI, 131817:ORAŞ VÃLENII DE MUNTE, 131835:GURA VITIOAREI, 131899:ADUN AŢI, 131933: ALBEŞTI-PALEOLOGU, 131988: ALUNIŞ, 132011: APOSTOLACHE, 132075: ARICEŞTII RAHTIVANI, 132137: ARICEŞTII ZELETIN, 132 164:BABA ANA, 132226:BALTA DOAMNEI, 132271:BÃLŢEŞTI, 132315:BÃNEŞTI, 132342:BERTEA, 132379:BOLDEŞTI-GRADIŞTEA, 132404:B REBU, 132459: CÃLUGÃRENI, 132486: CÃRBUNEŞTI, 132510: CEPTURA, 132574: CERAŞU, 132645: CHIOJDEANCA, 132681: CIORANI, 132716: COCORÃȘTII MISLII, 132752: COLCEAG, 132805: CORNU, 132841: COSMINELE, 132896: DRAJNA, 133018: DRÃGÃNEȘTI, 133090: DUMBRAVA, 133161:FILIPEŞTII DE PĂDURE, 133214:FILIPEŞTII DE TÂRG, 133278:FÂNTÂNELE, 133330:FLOREŞTI, 133394:FULGA, 133429:GHERGHIŢA, 1 33508: GORGOTA, 133562: GORNET, 133615: GORNET-CRICOV, 133688: GURA VADULUI, 133722: IORDÃCHEANU, 133795: IZVOARELE, 13386 6:JUGURENI, 133919:LAPOŞ, 133964:LIPÃNEŞTI, 134014:MÃGURELE, 134050:MÃGURENI, 134096:MÃNECIU, 134194:MÃNEŞTI, 134336:P ÃCUREȚI, 134390: PLOPU, 134443: PODENII NOI, 134559: POIENARII BURCHII, 134648: POSEȘTI, 134755: PREDEAL-SÃRARI, 134853: PROVIȚA DE JOS, 134899: PROVIȚA DE SUS, 134942: PUCHENII MARI, 135020: RÂFOV, 135128: SALCIA, 135146: SÃLCIILE, 135164: SCORȚENI, 135226: SECÃRIA, 135244: SÂNGERU, 135315: STARCHIOJD, 135404: SURANI, 135431: ŞIRNA, 135501: ŞOIMARI, 135547: ŞOTRILE, 135618: ŞTEFEŞTI, 135654:TALEA, 135681:TÃTARU, 135725:TEIŞANI, 135789:TELEGA, 135850:TINOSU, 135896:TOMŞANI, 135949:VALEA CÂLUGÂREASCÂ, 1 36107: VALEA DOFTANEI, 136134: VÃRBILÃU, 136198: VÂLCÃNESTI, 136241: COCORĂSTII COLT, 136250: OLARI, 136269: VADU SÃPAT, 13627 8:BĂTRÂNI, 136483: MUNICIPIUL SATU MARE, 136526: MUNICIPIUL CAREI, 136553: CÃPLENI, 136599: ORAȘ NEGREȘTI-OAȘ, 136642: ORAȘ T ÃŞNAD, 136713:ACÂŞ, 136768:ANDRID, 136802:APA, 136848:ORAŞ ARDUD, 136919:BÃTARCI, 136964:BELTIUG, 137032:BERVENI, 137069 :BIXAD, 137103:BÂRSÃU, 137130:BOGDAND, 137185:BOTIZ, 137229:CÃLINEŞTI-OAŞ, 137274:CÃMÃRZANA, 137292:CÃUAŞ, 137363:CEH AL, 137407: CERTEZE, 137443: CRAIDOROLŢ, 137504: CRUCIŞOR, 137540: CULCIU, 137611: DOBA, 137675: DOROLŢ, 137728: FOIENI, 137746 :GHERŢA MICÃ, 137764:HALMEU, 137844:HODOD, 137899:HOMOROADE, 137960:LAZURI, 138039:ORAŞ LIVADA, 138084:MEDIEŞU AURI T, 138164:MICULA, 138208:MOFTIN, 138280:ODOREU, 138351:ORAŞU NOU, 138431:PÃULEŞTI, 138501:PETREŞTI, 138538:PIR, 138574:PI ŞCOLT, 138618: POMI, 138663: SANISLÃU, 138734: SANTÃU, 138770: SÃCÃŞENI, 138805: SÃUCA, 138869: SOCOND, 138921: SUPUR, 139009 :TARNA MARE, 139054:TEREBEŞTI, 139107:TIREAM, 139143:TÂRŞOLŢ, 139170:TURŢ, 139214:TURULUNG, 139250:URZICENI, 139287:VAL EA VINULUI, 139330: VAMA, 139358: VETIŞ, 139394: VIILE SATU MARE, 139704: MUNICIPIUL ZALÃU, 139740: ORAŞ CEHU SILVANIEI, 139811: ORAŞ JIBOU, 139884: ORAŞ ŞIMLEU SILVANIEI, 139937: AGRIJ, 139982: ALMAŞU, 140084: BÃBENI, 140146: BÃLAN, 140208: BÃNIŞOR, 140244 :BENESAT, 140280:BOBOTA, 140324:BOCŞA, 140379:BUCIUMI, 140440:CAMÃR, 140477:CARASTELEC, 140501:CHIEŞD, 140547:CIZER, 14 0583:COŞEIU, 140627:CRASNA, 140672:CREACA, 140770:CRISTOLŢ, 140823:CRIŞENI, 140869:CUZÃPLAC, 140958:DOBRIN, 141027:DRAG U, 141081: FILDU DE JOS, 141134: GÂLGÃU, 141232: GÂRBOU, 141312: HALMÃŞD, 141376: HERECLEAN, 141447: HIDA, 141535: HOROATU C RASNEI, 141580:ILEANDA, 141722:IP, 141786:LETCA, 141884:LOZNA, 141946:MARCA, 142006:MÃERIŞTE, 142079:MESEŞENII DE JOS, 142 122: MIRŞID, 142177: NĂPRADEA, 142239: NUŞFALÃU, 142284: PERICEI, 142337: PLOPIŞ, 142373: POIANA BLENCHII, 142426: ROMÂNAŞI, 14 2499:RUS, 142550:SÃLÃTIG, 142612:SÂG, 142676:SÂNMIHAIU ALMAŞULUI, 142710:SOMEŞ-ODORHEI, 142774:SURDUC, 142854:ŞAMŞU D, 142881:ŞÃRMÃŞAG, 142952:VALCÃU DE JOS, 143021:VÂRŞOLT, 143067:ZALHA, 143147:ZIMBOR, 143450:MUNICIPIUL SIBIU, 143487:C RISTIAN, 143502: POPLACA, 143520: RÃŞINARI, 143557: ŞELIMBÂR, 143619: MUNICIPIUL MEDIAŞ, 143646: TÂRNAVA, 143682: ORAŞ AGNITA, 143735: ORAŞ CISNÃDIE, 143771: ORAŞ COPŞA MICÃ, 143806: ORAŞ DUMBRÃVENI, 143851: ORAŞ OCNA SIBIULUI, 143888: ALŢINA, 143922: APOLDU DE JOS, 143959: ARPAŞU DE JOS, 143995: AŢEL, 144054: ORAŞ AVRIG, 144116: AXENTE SEVER, 144152: BAZNA, 144198: BIERTAN, 14 4232:BÂRGHIŞ, 144303:BLÃJEL, 144349:BRATEIU, 144376:BRÃDENI, 144410:BRUIU, 144456:CHIRPÃR, 144508:CÂRŢA, 144535:CÂRŢIŞOA RA, 14453: DÂRLOS, 144599: GURA RÂULUI, 144615: HOGHILAG, 144651: IACOBENI, 144713: JINA, 144731: LASLEA, 144795: LOAMNES, 144 866:LUDOŞ, 144893:MARPOD, 144928:ORAŞ MIERCUREA SIBIULUI, 144964:MERGHINDEAL, 144991:MICÃSASA, 145042:MIHĀILENI, 1451 04: MOŞNA, 145140: NOCRICH, 145202: ORLAT, 145220: PÃUCA, 145275: POIANA SIBIULUI, 145293: PORUMBACU DE JOS, 145355: RACOVIŢ A, 145382: RÂU SADULUI, 145408: ROŞIA, 145471: SADU, 145499: ORAŞ SÃLIŞTE, 145603: SLIMNIC, 145667: ŞEICA MARE, 145738: ŞEICA MIC Ã, 145765:ŞURA MARE, 145792:ŞURA MICÃ, 145827:ORAŞ TÂLMACIU, 145907:TILIŞCA, 145934:TURNU ROŞU, 145961:VALEA VIILOR, 1459 98: VURPÃR, 146012: ALMA, 146021: BOIŢA, 146263: MUNICIPIUL SUCEAVA, 146281: IPOTEŞTI, 146325: MITOCU DRAGOMIRNEI, 146370: OR AŞ SALCEA, 146432:ŞCHEIA, 146502:MUNICIPIUL CÂMPULUNG MOLDOVENESC, 146539:MUNICIPIUL FÃLTICENI, 146584:ORAŞ GURA HUM ORULUI, 146628: MUNICIPIUL RÃDÃUŢI, 146655: ORAŞ SIRET, 146708: ORAŞ SOLCA, 146744: MUNICIPIUL VATRA DORNEI, 146799: ADÂNCAT A, 146860: ARBORE, 146904: BAIA, 146931: ORAŞ MILIŞÃUŢI, 146995: BÃLCÃUŢI, 147036: BILCA, 147054: BOGDÃNEŞTI, 147072: BOROAIA, 1 47134:BOSANCI, 147161:BOTOŞANA, 147205:BREAZA, 147241:BRODINA, 147358:ORAŞ BROŞTENI, 147465:BUNEŞTI, 147526:CACICA, 14 7580: CALAFINDEŞTI, 147633: ORAŞ CAJVANA, 147660: ILIŞEŞTI, 147713: CÂRLIBABA, 147786: CORNU LUNCII, 147884: CRUCEA, 147937: DÃ RMÃNEŞTI, 148006: ORAŞ DOLHASCA, 148097: DOLHEŞTI, 148131: DORNA-ARINI, 148202: DORNA CANDRENILOR, 148293: DORNEŞTI, 14813 8:DRÃGOIEŞTI, 148382:DRÃGUŞENI, 148426:DUMBRÃVENI, 148453:FÂNTÂNELE, 148514:FORÃŞTI, 148612:ORAŞ FRASIN, 148667:FRÃTÃU ŢII NOI, 148694: FRÃTÃUŢII VECHI, 148729: FRUMOSU, 148765: FUNDU MOLDOVEI, 148872: GÃLÃNEŞTI, 148916: GRÃMEŞTI, 148970: GRÃNI CEŞTI, 149049: HORODNICENI, 149101: HORODNIC DE JOS, 149138: IACOBENI, 149183: IZVOARELE SUCEVEI, 149227: ORAŞ LITENI, 149290: MARGINEA, 149316: MÃLINI, 149370: MÃNÃSTIREA HUMORULUI, 149414: MOARA, 149502: MOLDOVA-SULIŢA, 149539: MOLDOVIŢA, 149584 :MUŞENIŢA, 149655:OSTRA, 149682:PANACI, 149753:PĀLTINOASA, 149780:PÂRTEŞTII DE JOS, 149833:PĀTRĀUŢI, 149851:POIANA STAMP EI, 149931:POJORÂTA, 149968:PREUTEŞTI, 150043:PUTNA, 150070:RÃDÃŞENI, 150114:RÂŞCA, 150178:SADOVA, 150196:SATU MARE, 150 221:SIMINICEA, 150258:SLATINA, 150294:STRAJA, 150310:STROIEŞTI, 150356:STULPICANI, 150418:SUCEVIŢA, 150445:ŞARU DORNEI, 15 0524:TODIREŞTI, 150588:UDEŞTI, 150702:ULMA, 150766:VADU MOLDOVEI, 150891:VALEA MOLDOVEI, 150935:VAMA, 150980:VATRA MO LDOVIŢEI, 151022: VEREŞTI, 151077: VICOVU DE JOS, 151095: ORAŞ VICOVU DE SUS, 151120: VOLOVÃŢ, 151157: VULTUREŞTI, 151246: ZAMO STEA, 151344: ZVORIȘTEA, 151433: COMÂNEȘTI, 151442: IASLOVĂŢ, 151451: CIOCÂNEȘTI, 151460: ŞERBÂUŢI, 151479: HORODNIC DE SUS, 1 51488: FÂNTÂNA MARE, 151497: COŞNA, 151503: CAPU CÂMPULUI, 151512: HĂNŢEŞTI, 151521: BURLA, 151530: BÃLÃCEANA, 151549: HÂRT OP, 151558: VOITINEL, 151567: CIPRIAN PORUMBESCU, 151576: BERCHIŞEŞTI, 151585: POIENI-SOLCA, 151683: MUNICIPIUL TURNU MĂGUR ELE, 151709: CIUPERCENI, 151736: ISLAZ, 151763: LITA, 151790: MUNICIPIUL ALEXANDRIA, 151816: NANOV, 151834: POROSCHIA, 151870: MUNICIPIUL ROSIORI DE VEDE, 151905: ORAȘ VIDELE, 151932: CREVENICU, 151978: ORAȘ ZIMNICEA, 151996: BALACI, 152038: BĂBÂITA, 15 2083: BLEJEŞTI, 152127: BOGDANA, 152172: BOTOROAGA, 152234: BRAGADIRU, 152252: BRÂNCENI, 152270: BUJORENI, 152314: BUJORU, 15 2332:BUZESCU, 152350:CÃLINEŞTI, 152412:CÃLMÃŢUIU, 152467:CÃLMÃŢUIU DE SUS, 152500:CERVENIA, 152528:CIOLÃNEŞTI, 152564:C ONŢĘŞTI, 152582:COSMEŞTI, 152617:CRÂNGENI, 152662:CRÂNGU, 152724:DIDEŞTI, 152760:DOBROTEŞTI, 152797:DRÃCŞENEI, 152868: DRÃGÃNEŞTI DE VEDE, 152902: DRÃGÃNEŞTI-VLAŞCA, 152948: FURCULEŞTI, 152993: FRUMOASA, 153026: GÃLÃTENI, 153062: GRATIA, 1531 06:IZVOARELE, 153124:LISA, 153151:LUNCA, 153204:MAVRODIN, 153240:MÃGURA, 153277:MÃLDÃENI, 153295:MERENI, 153339:MÂRZÃ NEŞTI, 153384: MOŞTENI, 153400: NÃSTURELU, 153437: NECŞEŞTI, 153473: OLTENI, 153507: ORBEASCA, 153543: PERETU, 153561: PIATRA, 153589:PIETROŞANI, 153605:PLOSCA, 153623:PLOPII-SLĀVITEŞTI, 153696:POENI, 153776:VITĀNEŞTI, 153829:PUTINEIU, 153865:RĀDOIE \$TI, 153909: RÃSMIRE\$TI, 153936: SALCIA, 153972: SÃCENI, 154013: SCRIOA\$TEA, 154068: SCURTU MARE, 154139: SEACA, 154166: SFINŢE\$ TI, 154184:SEGARCEA-VALE, 154228:SILIŞTEA, 154282:SILIŞTEA-GUMEŞTI, 154308:SÂRBENI, 154344:SLOBOZIA MÂNDRA, 154380:SMÂRD IOASA, 154415:STEJARU, 154460:SUHAIA, 154497:ŞTOROBÃNEASA, 154521:TALPA, 154585:TÃTÃRÃŞTII DE JOS, 154665:TÃTÃRÃŞTII DE S

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US, 154709:TOPORU, 154736:TRAIAN, 154754:TRIVALEA-MOȘTENI, 154790:TROIANUL, 154834:ŢIGÃNEŞTI, 154852:VEDEA, 154914:VIIŞO ARA, 154932: VÂRTOAPE, 154978: ZÂMBREASCA, 154996: NENCIULEŞTI, 155083: BECIU, 155092: BEUCA, 155109: DRACEA, 155118: FÂNTÂN ELE, 155127: FRÃSINET, 155136: PURANI, 155145: SAELELE, 155154: UDA-CLOCOCIOV, 155243: MUNICIPIUL TIMIŞOARA, 155261: DUMBRÃVI TA, 155289: GHIRODA, 155314: GIROC, 155350: MUNICIPIUL LUGOJ, 155403: ORAŞ BUZIAŞ, 155458: ORAŞ DETA, 155494: ORAŞ JIMBOLIA, 15 5528: ORAŞ SÂNNICOLAU MARE, 155546: BALINŢ, 155591: BANLOC, 155662: BARA, 155724: BEBA VECHE, 155760: BECICHERECU MIC, 15579 7:BELINT, 155840:BETHAUSEN, 155911:BILED, 155957:BÂRNA, 156035:BOGDA, 156106:BOLDUR, 156151:BRESTOVÃT, 156213:CÃRPINIS , 156259: CENAD, 156277: CENEI, 156311: CHEVEREŞU MARE, 156357: ORAŞ CIACOVA, 156437: COMLOŞU MARE, 156473: COŞTEIU, 156534: CRICIOVA, 156589: CURTEA, 156623: DAROVA, 156669: DENTA, 156712: DUDEŞTII VECHI, 156767: DUMBRAVA, 156801: ORAŞ FÂGET, 156927 :FÂRDEA, 157004:FOENI, 157031:GAVOJDIA, 157086:ORAŞ GÃTAIA, 157193:GHIZELA, 157246:GIARMATA, 157273:GIERA, 157317:GIULVÃ Z, 157362: JAMU MARE, 157424: JEBEL, 157451: LENAUHEIM, 157497: LIEBLING, 157530: LOVRIN, 157585: MARGINA, 157683: MAŞLOC, 1577 36: MÃNÃŞTIUR, 157781: MORAVIŢA, 157834: MOŞNIŢA NOUÃ, 157898: NÃDRAG, 157923: NIŢCHIDORF, 157969: OHABA LUNGÃ, 158010: OR ŢIŞOARA, 158065: PECIU NOU, 158109: PERIAM, 158136: PIETROASA, 158181: PIŞCHIA, 158243: RACOVIŢA, 158314: ORAŞ RECAŞ, 158396: RE METEA MARE, 158449:SACOŞU TURCESC, 158528:SATCHINEZ, 158564:SÃCÃLAZ, 158608:SECAŞ, 158653:SÂNANDREI, 158699:SÂNMIHAI U ROMÂN, 158733:SÂNPETRU MARE, 158779:ŞAG, 158804:ŞTIUCA, 158859:TEREMIA MARE, 158895:TOMEŞTI, 158966:TOPOLOVĀŢU MAR E, 159035:TORMAC, 159071:TRAIAN VUIA, 159142:UIVAR, 159213:VARIAŞ, 159259:VICTOR VLAD DELAMARINA, 159339:VOITEG, 159366:B IRDA, 159375: CHECEA, 159384: DUDEȘTII NOI, 159393: FIBIŞ, 159400: GHILAD, 159419: GOTTLOB, 159428: IECEA MARE, 159437: PARŢA, 15 9446: PÃDURENI, 159455: SARAVALE, 159464: ŞANDRA, 159473: TOMNATIC, 159482: VĂLCANI, 159491: LIVEZILE, 159507: PESAC, 159516: B UCOVĂŢ, 159525: OTELEC, 159614: MUNICIPIUL TULCEA, 159650: ORAŞ BABADAG, 159687: ORAŞ ISACCEA, 159730: ORAŞ MÂCIN, 159767: ORAŞ SULINA, 159785:BAIA, 159847:BEIDAUD, 159883:C.A. ROSETTI, 159945:CARCALIU, 159963:CASIMCEA, 160047:CEATALCHIOI, 1600 92: CEAMURLIA DE JOS, 160127: CERNA, 160172: CHILIA VECHE, 160225: CIUCUROVA, 160261: CRIŞAN, 160305: DÃENI, 160323: DOROBANT U, 160387:FRECÃŢEI, 160430:GRECI, 160458:GRINDU, 160476:HAMCEARCA, 160528:HORIA, 160564:IZVOARELE, 160617:JIJILA, 160644:JU RILOVCA, 160680: LUNCAVIŢA, 160724: MAHMUDIA, 160779: MALIUC, 160831: MIHAI BRAVU, 160877: MIHAIL KOGÃLNICEANU, 160911: MU RIGHIOL, 160993: NALBANT, 161035: NICULIȚEL, 161053: NUFĂRU, 161106: OSTROV, 161133: PARDINA, 161151: PECENEAGA, 161179: SARIC HIOI, 161231:SFÂNTU GHEORGHE, 161259:SLAVA CERCHEZÃ, 161286:SMÂRDAN, 161302:SOMOVA, 161348:STEJARU, 161384:TOPOLOG, 1 61464:TURCOAIA, 161482:VALEA NUCARILOR, 161525:I.C.BRÃTIANU, 161543:VÃCÃRENI, 161552:BEŞTEPE, 161561:VALEA TEILOR, 161794 :MUNICIPIUL BÂRLAD, 161829:MUNICIPIUL HUŞI, 161856:ORAŞ NEGREŞTI, 161945:MUNICIPIUL VASLUI, 162014:ALBEŞTI, 162069:ALEXA NDRU VLAHUŢÃ, 162149: ARSURA, 162194: BANCA, 162327: BÃCANI, 162381: BÃCEŞTI, 162452: BÃLTENI, 162498: BEREZENI, 162559: BLÃG EŞTI, 162595:BOGDANA, 162693:BOGDÂNEŞTI, 162791:BOGDÂNIŢA, 162871:BOŢEŞTI, 162924:BUNEŞTI-AVEREŞTI, 163002:CODÂEŞTI, 1 63057:COROIEŞTI, 163137:COSTEŞTI, 163208:CREŢEŞTI, 163253:DÃNEŞTI, 163324:DELENI, 163379:DELEŞTI, 163486:DRAGOMIREŞTI, 16 3618: DRÂNCENI, 163681: DUDA-EPURENI, 163734: DUMEŞTI, 163789: EPURENI, 163832: FÃLCIU, 163903: GÃGEŞTI, 163967: GHERGHEŞTI, 1 64062:GÂRCENI, 164133:GRIVIȚA, 164197:HOCENI, 164277:DIMITRIE CANTEMIR, 164339:IANA, 164393:IVÃNEŞTI, 164543:IVEŞTI, 164598 :LAZA, 164687:LIPOVÃŢ, 164749:LUNCA BANULUI, 164829:MÃLUŞTENI, 164892:MICLEŞTI, 164936:MUNTENII DE JOS, 164981:ORAŞ MUR GENI, 165069: OLTENEŞTI, 165130: OŞEŞTI, 165185: PĀDURENI, 165274: PERIENI, 165336: POIENEŞTI, 165416: POGANA, 165470: PUIEŞTI, 16 5611: PUNGEŞTI, 165719: REBRICEA, 165817: ROŞIEŞTI, 165899: SOLEŞTI, 165979: STÃNILEŞTI, 166057: ŞTEFAN CEL MARE, 166137: ŞULETE A, 166182:TANACU, 166235:TÃCUTA, 166315:TÃTÃRÃNI, 166413:TODIREŞTI, 166529:TUTOVA, 166636:VÃLENI, 166672:VETRIŞOAIA, 1667 07: VIISOARA, 166770: VINDEREI, 166869: VOINESTI, 166985: VULTURESTI, 167035: VUTCANI, 167071: ZÃPODENI, 167179: ZORLENI, 167222: IBÃNEŞTI, 167231: FRUNTIŞENI, 167240: RAFAILA, 167259: POGONEŞTI, 167268: CIOCANI, 167277: COZMEŞTI, 167286: DODEŞTI, 167295: FE REŞTI, 167302: MUNTENII DE SUS, 167311: POCHIDIA, 167320: PUŞCAŞI, 167473: MUNICIPIUL RÂMNICU VÂLCEA, 167641: ORAŞ BĂILE GOV ORA, 167696: ORAŞ BÃILE OLÂNEŞTI, 167794: ORAŞ BREZOI, 167909: ORAŞ CĂLIMÂNEŞTI, 167981: MUNICIPIUL DRĀGĀŞANI, 168041: ORAŞ HOREZU, 168130: ORAŞ OCNELE MARI, 168229: ALUNU, 168309: AMĀRĀŞTI, 168372: ORAŞ BĀBENI, 168452: ORAŞ BĀLCEŞTI, 168559: BĀRBĀ TEŞTI, 168602:ORAŞ BERBEŞTI, 168675:BERISLÃVEŞTI, 168755:BOIŞOARA, 168791:BUDEŞTI, 168880:BUJORENI, 168960:BUNEŞTI, 169039 :CERNIŞOARA, 169119:CÂINENI, 169182:COPÃCENI, 169253:COSTEŞTI, 169306:CREŢENI, 169351:DÃEŞTI, 169404:DÃNICEI, 169547:DRÃ GOEŞTI, 169583:FÂUREŞTI, 169681:FÂRTÂŢEŞTI, 169896:FRÂNCEŞTI, 169994:GALICEA, 170097:GHIOROIU, 170168:GLÃVILE, 170220:GOL EŞTI, 170346:GRÃDIŞTEA, 170444:GUŞOENI, 170514:IONEŞTI, 170612:LALOŞU, 170685:LÃDEŞTI, 170792:LÃPUŞATA, 170872:LIVEZI, 1709 52:LUNGEŞTI, 171021:MALAIA, 171067:MATEEŞTI, 171101:MÃCIUCA, 171209:MÃDULARI, 171272:MÃLDÃREŞTI, 171325:MIHÃEŞTI, 1714 69: MILCOIU, 171539: MUEREASCA, 171628: NICOLAE BÃLCESCU, 171806: OLANU, 171879: ORLEŞTI, 171931: OTEŞANI, 171995: PÃUŞEŞTI, 1 72082:PÃUŞEŞTI-MÃGLAŞI, 172153:PERIŞANI, 172279:PESCEANA, 172340:PIETRARI, 172377:POPEŞTI, 172457:PRUNDENI, 172509:RACOV IȚA, 172581: ROEȘTI, 172698: ROȘIILE, 172812: RUNCU, 172894: SĂLĂTRUCEL, 172947: SCUNDU, 172992: SINEȘTI, 173061: SLĂTIOARA, 1731 32:STÃNEŞTI, 173230:STOENEŞTI, 173374:STOILEŞTI, 173533:STROEŞTI, 173597:SUTEŞTI, 173686:ŞIRINEASA, 173748:ŞTEFÃNEŞTI, 1737 93: \$U\$ANI, 173855: TETOIU, 173935: TOM\$ANI, 174021: VAIDEENI, 174085: VALEA MARE, 174156: VLÃDEŞTI, 174218: VOICEŞTI, 174254: VO INEASA, 174290: ZÃTRENI, 174496: TITEŞTI, 174502: DICULEŞTI, 174511: LÃCUSTENI, 174520: MITROFANI, 174744: MUNICIPIUL FOCŞANI, 1 74780: CÂMPINEANCA, 174824: GOLEŞTI, 174860: MUNICIPIUL ADJUD, 174922: ORAŞ MÃRÃŞEŞTI, 175019: ORAŞ ODOBEŞTI, 175055: ORAŞ PANCIU, 175126: ANDREIAȘU DE JOS, 175206: BĂLEȘTI, 175224: BÂRSEȘTI, 175260: BOGHEȘTI, 175368: BOLOTEȘTI, 175439: BORDEȘTI, 175 466:BROŞTENI, 175509:CHIOJDENI, 175590:CIORÃŞTI, 175670:CÂMPURI, 175732:CÂRLIGELE, 175787:CORBIŢA, 175885:COTEŞTI, 175938 :DUMBRÃVENI, 175983:DUMITREȘTI, 176150:FITIONEȘTI, 176212:GAROAFA, 176301:GUGEȘTI, 176338:GURA CALIȚEI, 176445:HOMOCE A, 176506: JARIŞTEA, 176551: JITIA, 176613: MÃICÃNEŞTI, 176686: MERA, 176748: MILCOVUL, 176793: MOVILIȚA, 176855: NÃNEŞTI, 176891: NÃRUJA, 176944: NEREJU, 177003: NISTOREȘTI, 177101: PALTIN, 177236: PÃUNEȘTI, 177263: POIANA CRISTEI, 177352: PUFEȘTI, 177405: RÃ COASA, 177469: REGHIU, 177557: RUGINEŞTI, 177600: SIHLEA, 177655: SLOBOZIA BRADULUI, 177726: SLOBOZIA CIORÂŞTI, 177762: SOVEJA, 177799:STRÃOANE, 177842:SURAIA, 177879:TÃNÃSOAIA, 177986:TÃTÃRANU, 178046:TÂMBOEŞTI, 178117:TULNICI, 178180:ŢIFEŞTI, 178 279: URECHEŞTI, 178313: VALEA SÃRII, 178377: VIDRA, 178475: VINTILEASCA, 178545: VIZANTEA-LIVEZI, 178607: VÂNÃTORI, 178689: VÂRTE \$COIU, 178750:VRÂNCIOAIA, 178821:VULTURU, 178885:NEGRILEŞTI, 178894:PLOSCUŢENI, 178901:POPEŞTI, 178910:PĂULEŞTI, 178929:B ILIEŞTI, 178938: GOLOGANU, 178947: OBREJIȚA, 178956: RĂSTOACA, 178965: SPULBER, 179132: MUNICIPIUL BUCUREȘTI, 179221: ORAȘ BR AGADIRU, 179249: CHIAJNA, 179285: ORAŞ CHITILA, 179310: DOBROEŞTI, 179347: GLINA, 179383: JILAVA, 179409: ORAŞ MÂĞURELE, 179463 :MOGOŞOAIA, 179481: ORAŞ OTOPENI, 179515: ORAŞ PANTELIMON, 179533: ORAŞ POPEŞTI LEORDENI, 179551: ORAŞ VOLUNTARI, 179588: COPĂCENI, 179604: POIENILE IZEI, 179613: ŞIEU, 179622: GROŞII ŢIBLEŞULUI, 179631: TREZNEA, 179640: VULCANA-PANDELE, 179659: NEG RILEŞTI, 179677: CÃMIN, 179686: DUMITRIŢA, 179695: ŞIMIŞNA, 179702: TRAIAN, 179711: VLÃDENI, 179720: POIANA ILVEI, 179739: MALU, 1 79748:COSOBA, 179757:HERÃSTI, 179766:ISVOARELE, 179775:SÃBÃRENI, 179784:BORÃNESTI, 179793:BUESTI, 179800:MAIA, 179819:O GRADA, 179828:ROŞIORI, 179837:COAŞ, 179846:COLTÃU, 179855:GÂRDANI, 179864:ONCEŞTI, 179873:AGRIŞ, 179882:CIUMEŞTI, 179891 :RACIU, 179908:PIETRARI, 179917:RÂU ALB, 179926:RÃSCÃEŢI, 179935:PERŞINARI, 179944:RUNCU SALVEI, 179953:CICEU-MIHĂIEŞTI, 17 9962:GĂLBINAŞI, 179971:COLELIA, 179980:MĂRCULEŞTI, 179999:MOLDOVENI, 180000:PLATONEŞTI, 180019:SĂRĂŢENI, 180028:PORUM BEŞTI, 180037:BOGHIŞ, 180046:GURA IALOMIŢEI, 180055:CRIVĂŢ, 180064:BĂRBULEŞTI, 180091:RACŞA

#### [9] siruta: Component locality (village) (SIRUTA Code)

Categories: 1026:ALBA IULIA, 1035:BÃRÃBANŢ, 1044:MICEŞTI, 1053:OARDA, 1062:PÂCLIŞA, 1080:CIUGUD, 1099:DRÂMBAR, 1106:LIMBA, 1115:HÃPRIA, 1124:ŞEUŞA, 1133:TELEAC, 1160:ABRUD, 1179:ABRUD-SAT, 1188:GURA CORNEI, 1197:SOHARU, 1222:AIUD, 1231:AIUDUL DE SUS, 1240:GÂMBAŞ, 1259:MÃGINA, 1268:PÃGIDA, 1277:CIUMBRUD, 1286:GÂRBOVA DE JOS, 1295:GÂRBOVA DE SUS, 1302:GÂRBOVIŢ A, 1311:SÂNCRAI, 1320:ŢIFRA, 1357:BLAJ, 1366:DELENI-OBÂRŞIE, 1375:FLITEŞTI, 1384:IZVOARELE, 1393:PETRISAT, 1400:TIUR, 1419:VEZ

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A, 1428: MÃNÃRADE, 1437: SPÃTAC, 1464: CÂMPENI, 1473: BONCEŞTI, 1482: BORLEŞTI, 1491: BOTEŞTI, 1507: CERTEGE, 1516: COASTA VÂSC ULUI, 1525: DÃNDUŢ, 1534: DEALU BISTRII, 1543: DEALU CAPSEI, 1552: DRIC, 1561: FAŢA ABRUDULUI, 1570: FLOREŞTI, 1589: FURDUIEŞTI, 1 598: MIHOEŞTI, 1605: MOTORĀŞTI, 1614: PESTE VALEA BISTRII, 1623: PODURI, 1632: SORLIȚA, 1641: TOMUŞEŞTI, 1650: VALEA BISTRII, 1669 : VALEA CASELOR, 1678: VÂRŞI, 1703: CUGIR, 1712: BOCŞITURA, 1721: BUCURU, 1730: CÃLENE, 1749: FEŢENI, 1758: GOAŞELE, 1767: MUGEŞ TI, 1776: VINEREA, 1801: OCNA MUREȘ, 1810: UIOARA DE JOS, 1829: UIOARA DE SUS, 1838: CISTEIU DE MUREȘ, 1847: MICOȘLACA, 1856: RÃ ZBOIENI-CETATE, 1883: SEBEŞ, 1892: LANCRÃM, 1909: PETREŞTI, 1918: RÃHÃU, 1945: ZLATNA, 1954: BOTEŞTI, 1963: BUDENI, 1972: DEALU ROATEI, 1981: DOBROT, 1990: DUMBRAVA, 2005: FENEŞ, 2014: GALAŢI, 2023: IZVORU AMPOIULUI, 2032: PĂTRÂNGENI, 2041: PIRITA, 2050: P ÂRĂU GRUIULUI, 2069: PODU LUI PAUL, 2078: RUNC, 2087: RUȘI, 2096: SUSENI, 2103: TRÂMPOIELE, 2112: VALEA MICÃ, 2121: VÂLTORI, 2149 :ALBAC, 2158:BÃRÃŞTI, 2167:BUDÃIEŞTI, 2176:CIONEŞTI, 2185:COSTEŞTI, 2194:DEALU LÃMÃŞOI, 2201:DEVE, 2210:DUPÃ PLEŞE, 2229:F AŢA, 2238: PLEŞEŞTI, 2247: POTIONCI, 2256: ROGOZ, 2265: ROŞEŞTI, 2274: RUSEŞTI, 2283: SOHODOL, 2292: TAMBOREŞTI, 2318: ALMAŞU M ARE, 2327:ALMAŞU DE MIJLOC, 2336:BRÃDET, 2345:CHEILE CIBULUI, 2354:CIB, 2363:GLOD, 2372:NÃDÃŞTIA, 2390:ARIEŞENI, 2407:AVRÃ MEŞTI, 2416:BUBEŞTI, 2425:CASA DE PIATRÃ, 2434:COBLEŞ, 2443:DEALU BAJULUI, 2452:FAŢA CRISTESEI, 2461:FAŢA LÃPUŞULUI, 2470:G ALBENA, 2489: HODOBANA, 2498: IZLAZ, 2504: PÃNTEŞTI, 2513: PÃTRÃHÃIŢEŞTI, 2522: POIENIŢA, 2531: RAVICEŞTI, 2540: STURU, 2559: ŞTEI -ARIEŞENI, 2568:VANVUCEŞTI, 2586:AVRAM IANCU, 2595:ACHIMEŢEŞTI, 2602:AVRÃMEŞTI, 2611:BÃDÃI, 2620:BOLDEŞTI, 2639:CÃLUGÃR EŞTI, 2648:CÃSOAIA, 2657:CÂNDEŞTI, 2666:CÂRÃŞTI, 2675:CÂRŢULEŞTI, 2684:COCEŞTI, 2693:COCOŞEŞTI, 2700:COROIEŞTI, 2719:DEAL U CRIŞULUI, 2728: DOLEŞTI, 2737: DUMÃCEŞTI, 2746: GOJEIEŞTI, 2755: HELEREŞTI, 2764: INCEŞTI, 2773: JOJEI, 2782: MÃRTEŞTI, 2791: ORGE ŞTI, 2808:PÃTRUŢEŞTI, 2817:PLAI, 2826:PUŞELEŞTI, 2835:ŞOICEŞTI, 2844:ŞTERTEŞTI, 2853:TÂRSA, 2862:TÂRSA-PLAI, 2871:VALEA MACIU LUI, 2880: VALEA UŢULUI, 2899: VERDEŞTI, 2906: VIDRIŞOARA, 2924: BAIA DE ARIEŞ, 2933: BRÃZEŞTI, 2942: CIOARA DE SUS, 2951: MUNCEL U, 2960:SARTÃŞ, 2979:SIMULEŞTI, 2997:BERGHIN, 3002:GHIRBOM, 3011:HENIG, 3020:STRAJA, 3048:BISTRA, 3057:ARONEŞTI, 3066:BÃL EŞTI, 3075:BÂLEŞTI-CÂTUN, 3084:BÂRLEŞTI, 3093:CHELETENI, 3100:CIULDEŞTI, 3119:CRETEŞTI, 3128:DEALU MUNTELUI, 3137:DÂMBUR ENI, 3146: DURÃŞTI, 3155: GÃNEŞTI, 3164: GÂRDE, 3173: HODIŞEŞTI, 3182: HUDRICEŞTI, 3191: LIPAIA, 3208: LUNCA LARGÃ, 3217: LUNCA M ERILOR, 3226: MIHÃIEŞTI, 3235: NÃMAŞ, 3244: NOVÃCEŞTI, 3253: PERJEŞTI, 3262: POIANA, 3271: POIU, 3280: RÃTITIŞ, 3299: RUNCURI, 3306: SÃLÃGEŞTI, 3315:ŞTEFANCA, 3324:TOLÃCEŞTI, 3333:TOMNATEC, 3342:TRIŞOREŞTI, 3351:ŢÃRÃNEŞTI, 3360:VÂRŞI-RONTU, 3379:VÂRŞII M ARI, 3388:VÂRŞII MICI, 3404:BLANDIANA, 3413:ACMARIU, 3422:IBRU, 3431:POIENI, 3440:RÃCÃTÃU, 3468:BUCIUM, 3477:ANGHELEŞTI, 3 486:BISERICANI, 3495:BUCIUM-SAT, 3501:CERBU, 3510:CIUCULEŞTI, 3529:COLEŞENI, 3538:DOGÃREŞTI, 3547:FEREŞTI, 3556:FLOREŞTI, 3 565: GURA IZBITEI, 3574: HELEŞTI, 3583: IZBICIOARA, 3592: IZBITA, 3609: JURCUIEŞTI, 3618: LUPULEŞTI, 3627: MÃGURA, 3636: MUNTARI, 36 45:PETRENI, 3654:POIANA, 3663:POIENI, 3672:STÂLNIŞOARA, 3681:VALEA ABRUZEL, 3690:VALEA ALBÃ, 3707:VALEA CERBULUI, 3716:VAL EA NEGRILESII, 3725: VALEA POIENII, 3734: VALEA ȘESII, 3743: VÃLENI, 3752: VÂLCEA, 3770: CENADE, 3789: CAPU DEALULUI, 3798: GORGAN , 3814:CERGÃU MARE, 3823:CERGÃU MIC, 3832:LUPU, 3850:CERU-BÃCÃINŢI, 3869:BOLOVÃNEŞTI, 3878:BULBUC, 3887:CUCUTA, 3896:C URPENI, 3903: DUMBRÃVIŢA, 3912: FÂNTÂNELE, 3921: GROŞI, 3930: VALEA MARE, 3949: VIEZURI, 3967: CETATEA DE BALTÃ, 3976: CRACIUNE LU DE SUS, 3985: SÂNTÃMÃRIE, 3994: TÃTÂRLAUA, 4017: CIURULEASA, 4026: BIDIGEŞTI, 4035: BODREŞTI, 4044: BOGLEŞTI, 4053: BUNINGIN EA, 4062:GHEDULEŞTI, 4071:MÃTIŞEŞTI, 4080:MORĂREŞTI, 4099:VULCAN, 4115:CÂLNIC, 4124:CUT, 4133:DEAL, 4151:CRICÃU, 4160:CRA IVA, 4179:TIBRU, 4197:CRÃCIUNELU DE JOS, 4204:BUCERDEA GRÂNOASÃ, 4213:CORNU, 4222:PÃDURE, 4231:PÂNCA, 4259:DAIA ROMÂN Ã, 4277 : DOŞTAT, 4286 : BOZ, 4295 : DEALU DOŞTATULUI, 4311 : FĂRÃU, 4320 : HERIA, 4339 : MEDVEŞ, 4348 : SÂNBENEDIC, 4357 : ŞILEA, 4375 : GALDA DE JOS, 4384: BENIC, 4393: CETEA, 4400: GALDA DE SUS, 4419: LUPŞENI, 4428: MÃGURA, 4437: MESENTEA, 4446: OIEJDEA, 4455: POI ANA GALDEI, 4464: RÃICANI, 4473: ZÃGRIŞ, 4491: GÂRBOVA, 4507: CÃRPINIŞ, 4516: RECIU, 4534: GÂRDA DE SUS, 4543: BIHARIA, 4552: DEAL U FRUMOS, 4561: DEALU ORDÂNCUŞII, 4570: DOBREŞTI, 4589: GHEŢARI, 4598: GÂRDA SEACÃ, 4605: HANÃŞEŞTI, 4614: HUZÃREŞTI, 4623: IZ VOARELE, 4632: MUNUNÃ, 4641: OCOALE, 4650: PLAI, 4669: PLIŞTI, 4678: SCOARŢA, 4687: SUCEŞTI, 4696: SNIDE, 4712: HOPÂRTA, 4721: SILI VAŞ, 4730:ŞPÃLNACA, 4749:TURDAŞ, 4758:VAMA SEACÃ, 4776:HOREA, 4785:BABA, 4794:BUTEŞTI, 4801:DÂRLEŞTI, 4810:FERICET, 4829: GIURGIUŢ, 4838: MÃNCEŞTI, 4847: MÃTIŞEŞTI, 4856: NICULEŞTI, 4865: PÃTRUŞEŞTI, 4874: PETREASA, 4883: PRELUCA, 4892: TEIU, 4909: TRI FEŞTI, 4918: ZÂNZEŞTI, 4936: IGHIU, 4945: BUCERDEA VÂNOASĂ, 4954: IGHIEL, 4963: ŞARD, 4972: ŢELNA, 4990: ÎNTREGALDE, 5005: DEALU GEOAGIULUI, 5014:GHIONCANI, 5023:ILIEŞTI, 5032:IVÃNIŞ, 5041:MÃRINEŞTI, 5050:MODOLEŞTI, 5069:NECRILEŞTI, 5078:POPEŞTI, 5087: SFÂRCEA, 5096:TECŞEŞTI, 5112:JIDVEI, 5121:BÃLCACIU, 5130:CÃPÂLNA DE JOS, 5149:FEISA, 5158:VESEUŞ, 5176:LIVEZILE, 5185:IZVOARE LE, 5194: POIANA AIUDULUI, 5201: VÃLIŞOARA, 5229: LOPADEA NOUÃ, 5238: ASINIP, 5247: BEŢA, 5256: BÃGÃU, 5265: CICÂRD, 5274: CIUGU ZEL, 5283: OCNIŞOARA, 5292: ODVEREM, 5318: LUNCA MUREŞULUI, 5327: GURA ARIEŞULUI, 5345: LUPŞA, 5354: BÂRDEŞTI, 5363: BÂRZAN, 5 372:CURMÃTURÃ, 5381:DUPÃ DEAL, 5390:GEAMÃNA, 5407:HÃDÃRÃU, 5416:HOLOBANI, 5425:LAZURI, 5434:LUNCA, 5443:MÃNÃSTIRE, 5 452: MÃRGAIA, 5461: MUŞCA, 5470: PIŢIGA, 5489: PÂRÂU-CÃRBUNÃRI, 5498: POŞOGANI, 5504: ŞASA, 5513: TRIFEŞTI, 5522: VALEA HOLHORI I, 5531:VALEA LUPŞII, 5540:VALEA ŞESII, 5559:VÃI, 5568:VINŢA, 5586:METEŞ, 5595:AMPOIŢA, 5602:ISCA, 5611:LUNCA AMPOIŢEI, 5620:L UNCA METEŞULUI, 5639: PÃDUREA, 5648: POIANA AMPOIULUI, 5657: POIANA URSULUI, 5666: PRESACA AMPOIULUI, 5675: REMETEA, 5684: TÃUŢI, 5693:VÃLENI, 5719:MIHALŢ, 5728:CISTEI, 5737:OBREJA, 5746:ZÃRIEŞ, 5764:MIRÃSLÃU, 5773:CICÃU, 5782:DECEA, 5791:LOPADEA VECHE, 5808: ORMENIŞ, 5817: RACHIŞ, 5835: MOGOŞ, 5844: BÃRBEŞTI, 5853: BÂRLEŞTI, 5862: BÂRLEŞTI-CÃTUN, 5871: BÂRZOGANI, 5880: B OCEŞTI, 5899:BOGDÂNEŞTI, 5906:BUTEŞTI, 5915:COJOCANI, 5924:CRISTEŞTI, 5933:MÃMÂLIGANI, 5942:NEGREŞTI, 5951:ONCEŞTI, 5960: POIENILE-MOGOŞ, 5979: TOMEŞTI, 5988: VALEA BÂRLUŢEŞTI, 5997: VALEA BARNII, 6002: VALEA COCEŞTI, 6011: VALEA GIOGEŞTI, 6020: VAL EA MLACII, 6039: VALEA ȚUPILOR, 6057: NOȘLAC, 6066: CĂPTÂLAN, 6075: COPAND, 6084: GĂBUD, 6093: STÂNA DE MUREȘ, 6100: VALEA CIU CIULUI, 6128: OCOLIȘ, 6137: LUNCA LARGĂ, 6146: RUNC, 6155: VIDOLM, 6173: OHABA, 6182: COLIBI, 6191: MĂGHIERAT, 6208: SECĂȘEL, 622 6: PIANU DE SUS, 6235: PIANU DE JOS, 6244: PLAIURI, 6253: PURCÃREȚI, 6262: STRUNGARI, 6280: POIANA VADULUI, 6299: COSTEȘTI, 6306: DUDUIENI, 6315:FÃGETU DE JOS, 6324:FÃGETU DE SUS, 6333:HÃNÃŞEŞTI, 6342:LUPĂIEŞTI, 6351:MORCĂNEŞTI, 6360:PÃŞTEŞTI, 6379:PE TELEI, 6388:STÃNEŞTI, 6404:PONOR, 6413:DUPA DEAL, 6422:GEOGEL, 6431:MÃCÃREŞTI, 6440:VALEA BUCURULUI, 6459:VALE IN JOS, 647 7:POŞAGA DE JOS, 6486:CORŢEŞTI, 6495:INCEŞTI, 6501:LUNCA, 6510:ORÃŞTI, 6529:POŞAGA DE SUS, 6538:SAGAGEA, 6556:RÃDEŞTI, 656 5:LEORINŢ, 6574:MEŞCREAC, 6583:ŞOIMUŞ, 6609:RÂMETEA, 6618:COLŢEŞTI, 6636:RÂMEŢ, 6645:BOŢANI, 6654:BRĂDEŞTI, 6663:CHEIA, 6672:COTORÃŞTI, 6681:FLOREŞTI, 6690:OLTENI, 6707:VALEA FÃGETULUI, 6716:VALEA INZELULUI, 6725:VALEA MÃNÃSTIRII, 6734:VALEA POIENII, 6743: VALEA UZEI, 6752: VLÃDEŞTI, 6770: ROŞIA MONTANÃ, 6789: BÂLMOŞEŞTI, 6798: BLIDEŞTI, 6805: BUNTA, 6814: CÂRPINIŞ, 682 3:COASTA HENŢII, 6832:CORNA, 6841:CURÃTURI, 6850:DÃROAIA, 6869:GÂRDA-BÃRBULEŞTI, 6878:GURA ROŞIEI, 6887:IACOBEŞTI, 6896: IGNÃŢEŞTI, 6903: ŞOAL, 6912: ŢARINA, 6921: VÂRTOP, 6949: ROŞIA DE SECAŞ, 6958: TÃU, 6967: UNGUREI, 6985: SÃLCIUA DE JOS, 6994: DEA LU CASELOR, 7008: DUMEȘTI, 7017: SĂLCIUA DE SUS, 7026: SUB PIATRĂ, 7035: VALEA LARGĂ, 7053: SĂLIȘTEA, 7062: MĂRGINENI, 7071: SĂLI ŞTEA-DEAL, 7080:TÃRTÃRIA, 7106:SÃSCIORI, 7115:CÃPÂLNA, 7124:DUMBRAVA, 7133:LAZ, 7142:LOMAN, 7151:PLEŞI, 7160:RÃCHITA, 717 9:SEBEŞEL, 7188:TONEA, 7204:SCÃRIŞOARA, 7213:BÂRLEŞTI, 7222:BOTEŞTI, 7231:FAŢA-LÃZEŞTI, 7240:FLOREŞTI, 7259:LÃZEŞTI, 7268:LE SPEZEA, 7277: MAŢEI, 7286: NEGEŞTI, 7295: PRELUCÃ, 7302: RUNC, 7311: SFOARTEA, 7320: ŞTIULEŢI, 7339: TRÂNCEŞTI, 7357: SÂNCEL, 7366 :ICLOD, 7375:PÃNADE, 7393:SÂNTIMBRU, 7400:COŞLARIU, 7419:DUMITRA, 7428:GALTIU, 7437:TOTOI, 7455:SOHODOL, 7464:BÃZEŞTI, 7473:BILÃNEŞTI, 7482:BOBÃREŞTI, 7491:BRÃDEANA, 7507:BURZONEŞTI, 7516:DEONCEŞTI, 7525:DILIMANI, 7534:FURDUIEŞTI, 7543:GU RA SOHODOL, 7552: HOANCÃ, 7561: JOLDIŞEŞTI, 7570: LAZURI, 7589: LEHEŞTI, 7598: LUMINEŞTI, 7605: MEDREŞTI, 7614: MORÂREŞTI, 7623: MUNEŞTI, 7632: NÃPÃIEŞTI, 7641: NELEGEŞTI, 7650: NICOREŞTI, 7669: PELEŞ, 7678: POIANA, 7687: ROBEŞTI, 7696: SICOIEŞTI, 7703: SURDEŞ TI, 7712:SEBIŞEŞTI, 7721:ŞIMOCEŞTI, 7730:TOCI, 7749:VALEA VERDE, 7758:VLÃDOŞEŞTI, 7776:STREMŢ, 7785:FAŢA PIETRII, 7794:GEOAG IU DE SUS, 7801:GEOMAL, 7829:ŞIBOT, 7838:BALOMIRU DE CÂMP, 7847:BÃCÃINŢI, 7856:SÃRÃCSÃU, 7874:ŞONA, 7883:ALECUŞ, 7892:BI IA, 7909: DOPTÃU, 7918: LUNCA TÂRNAVEI, 7927: SÂNMICLÃUŞ, 7936: VALEA SASULUI, 7954: ŞPRING, 7963: CARPEN, 7972: CARPENII DE SU S, 7981:CUNȚA, 7990:DRAȘOV, 8005:VINGARD, 8023:ŞUGAG, 8032:ARȚI, 8041:BÂRSANA, 8050:DOBRA, 8069:JIDOȘTINA, 8078:MÃRTINIE , 8087:TÃU BISTRA, 8103:TEIUŞ, 8112:BELDIU, 8121:CÃPUD, 8130:COŞLARIU NOU, 8149:PEŢELCA, 8167:UNIREA, 8176:CIUGUDU DE JOS,

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8185: CIUGUDU DE SUS, 8194: DUMBRAVA, 8201: INOC, 8210: MÃHÃCENI, 8238: VADU MOŢILOR, 8247: BODEŞTI, 8256: BURZEŞTI, 8265: DE ALU FRUMOS, 8274: LÃZEŞTI, 8283: NECŞEŞTI, 8292: PODURI-BRICEŞTI, 8309: POPEŞTII DE JOS, 8318: POPEŞTII DE SUS, 8327: TOMUŢEŞTI, 8 336:TOŢEŞTI, 8345:VÂLTORI, 8363:VALEA LUNGÃ, 8372:FÃGET, 8381:GLOGOVEŢ, 8390:LODROMAN, 8407:LUNCA, 8416:TÃUNI, 8434:VID RA, 8443: BĂĪ, 8452: BOBĀREŞTI, 8461: BOGDĀNEŞTI, 8470: BORDEŞTII POIENI, 8489: CULDEŞTI, 8498: DEALU GOIEŞTI, 8504: DOS, 8513: DO SU LUNCII, 8522: DOSU VÃSEŞTI, 8531: DRÃGOIEŞTI-LUNCÃ, 8540: FICÃREŞTI, 8559: GLIGOREŞTI, 8568: GOIEŞTI, 8577: HAIDUCEŞTI, 8586: HÃRÃŞTI, 8595: HOANCÃ, 8602: JEFLEŞTI, 8611: LUNCA, 8620: LUNCA BISERICII, 8639: LUNCA DE JOS, 8648: LUNCA GOIEŞTI, 8657: LUNCA VE SEŞTI, 8666: MODOLEŞTI, 8675: NEMEŞI, 8684: OIDEŞTI, 8693: PITĀRCEŞTI, 8700: PLEŞCUŢA, 8719: POIENI, 8728: PONOREL, 8737: PUIULEŢE ŞTI, 8746:RUNC, 8755:SEGAJ, 8764:URDEŞ, 8773:VALEA MORII, 8782:VÃSEŞTI, 8791:VÂLCÃNEASA, 8808:VÂLCEŞTI, 8817:VÂRTÃNEŞTI, 88 35: VINŢU DE JOS, 8844: CIOCAŞU, 8853: CÂMPU GOBLII, 8862: CRIŞENI, 8871: DEALU FERULUI, 8880: GURA CUŢULUI, 8899: HAŢEGANA, 890 6:INURI, 8915:LAZ, 8924:MÃTÃCINA, 8933:MERETEU, 8942:PÂRÃU LUI MIHAI, 8951:POIENIŢA, 8960:STÃUINI, 8979:VALEA GOBLII, 8988: VALEA LUI MIHAI, 8997: VALEA VINŢULUI, 9002: VURPÃR, 9271: ARAD, 9299: FÂNTÂNELE, 9306: ALUNIŞ, 9315: FRUMUŞENI, 9324: TISA NOUÃ , 9342:LIVADA, 9351:SÂNLEANI, 9379:ŞOFRONEA, 9388:SÂNPAUL, 9404:VLADIMIRESCU, 9413:CICIR, 9422:HORIA, 9431:MÂNDRULOC, 94 68:CHIŞINEU-CRIŞ, 9477:NADAB, 9501:CURTICI, 9510:DOROBANŢI, 9547:INEU, 9556:MOCREA, 9583:LIPOVA, 9592:RADNA, 9609:ŞOIMO Ş, 9636: NÃDLAC, 9663: PÂNCOTA, 9672: MÃDERAT, 9707: SEBIŞ, 9716: DONCENI, 9725: PRUNIŞOR, 9734: SÃLÃJENI, 9752: ALMAŞ, 9761: CIL, 9770: JOIA MARE, 9789: RÃDEŞTI, 9805: APATEU, 9814: BERECHIU, 9823: MOŢIORI, 9841: ARCHIŞ, 9850: BÂRZEŞTI, 9869: GROŞENI, 9878: NE RMIŞ, 9896:BATA, 9903:BACÃU DE MIJLOC, 9912:BULCI, 9921:ŢELA, 9949:BELIU, 9958:BENEŞTI, 9967:BOCHIA, 9976:VASILE GOLDIŞ, 998 5:SECACI, 9994:TÃGÃDÃU, 10015:BIRCHIŞ, 10024:CÃPÃLNAŞ, 10033:OSTROV, 10042:VIRISMORT, 10060:BÂRSA, 10079:ALDEŞTI, 10088: HODIŞ, 10097: VOIVODENI, 10113: BÂRZAVA, 10122: BĂTUŢA, 10131: CĂPRUŢA, 10140: DUMBRĂVIŢA, 10159: GROŞII NOI, 10168: LALAŞINŢ, 10177: MONOROŞTIA, 10186: SLATINA DE MUREŞ, 10202: BOCSIG, 10211: MÂNERÃU, 10220: RÃPSIG, 10248: BRAZII, 10257: BUCEAVA-ŞOIM UŞ, 10266: IACOBINI, 10275: MÃDRIGESTI, 10284: SECAS, 10300: BUTENI, 10319: BERINDIA, 10328: CUIED, 10337: PÃULIAN, 10355: CÃRAN D, 10364: SELIŞTEA, 10382: CERMEI, 10391: AVRAM IANCU, 10408: ŞOMOŞCHEŞ, 10426: CHISINDIA, 10435: PĂIUŞENI, 10444: VĂSOAIA, 104 62: CONOP, 10471: BELOTINT, 10480: CHELMAC, 10499: MILOVA, 10505: ODVOŞ, 10523: COVÃSINT, 10541: CRAIVA, 10550: CHIŞLACA, 10569 :CIUNTEŞTI, 10578:COROI, 10587:MĀRĀUŞ, 10596:ROGOZ DE BELIU, 10603:STOINEŞTI, 10612:SUSAG, 10621:ŞIAD, 10630:TĀLMACI, 106 58:DEZNA, 10667:BUHANI, 10676:LAZ, 10685:NEAGRA, 10694:SLATINA DE CRIŞ, 10710:DIECI, 10729:COCIUBA, 10738:CROCNA, 10747: REVETIŞ, 10756:ROŞIA, 10774:DORGOŞ, 10783:BRUZNIC, 10792:PÃTÂRŞ, 10809:USUSÃU, 10818:ZÃBALŢ, 10836:FELNAC, 10845:BODROG U NOU, 10854: CÃLUGÃRENI, 10863: ZÃDÃRENI, 10881: GHIOROC, 10890: CUVIN, 10907: MINIŞ, 10925: GRÃNICERI, 10934: ŞICLÃU, 10952: G URAHONŢ, 10961:BONŢEŞTI, 10970:DULCELE, 10989:FENIŞ, 10998:HONŢIŞOR, 11003:IOSAŞ, 11012:MUSTEŞTI, 11021:PESCARI, 11030:V ALEA MARE, 11049:ZIMBRU, 11067:HÃLMAGIU, 11076:BÃNEŞTI, 11085:BODEŞTI, 11094:BRUSTURI, 11101:CRISTEŞTI, 11110:IONEŞTI, 11 129:LEASA, 11138:LEŞTIOARA, 11147:POIENARI, 11156:TISA, 11165:ŢÃRMURE, 11183:HÃLMÃGEL, 11192:LUNCŞOARA, 11209:SÂRBI, 112 18:TÂRNÃVIŢA, 11227:ŢOHEŞTI, 11245:HÃŞMAŞ, 11254:AGRIŞU MIC, 11263:BOTFEI, 11272:CLIT, 11281:COMÃNEŞTI, 11290:URVIŞU DE BELIU, 11316:IGNEŞTI, 11325:MINEAD, 11334:NÃDÃLBEŞTI, 11343:SUSANI, 11361:IRATOŞU, 11370:VARIAŞU MARE, 11389:VARIAŞU MIC, 11405:MACEA, 11414:SÂNMARTIN, 11432:MIŞCA, 11441:SATU NOU, 11450:VÂNÃTORI, 11469:ZERINDU MIC, 11487:MONEASA, 11496:R ÃNUŞA, 11511: OLARI, 11520: SINTEA MICÃ, 11548: PÃULIŞ, 11557: BARAŢCA, 11566: CLADOVA, 11575: SÂMBÃTENI, 11593: PECICA, 11600: BODROGU VECHI, 11619: SEDERHAT, 11628: TURNU, 11646: PEREGU MARE, 11655: PEREGU MIC, 11673: PETRIŞ, 11682: CORBEŞTI, 11691: IL TEU, 11708: OBÂRŞIA, 11717: ROŞIA NOUÃ, 11726: SELIŞTE, 11744: PILU, 11753: VÃRŞAND, 11771: PLEŞCUŢA, 11780: ACIUŢA, 11799: BUDE ŞTI, 11806: DUMBRAVA, 11815: GURA VÃII, 11824: ROSTOCI, 11833: TÃLAGIU, 11851: SÃVÂRŞIN, 11860: CÃPRIOARA, 11879: CUIAŞ, 11888: H ÃLÃLIŞ, 11897: PÂRNEŞTI, 11904: TEMEŞEŞTI, 11913: TOC, 11922: TROAŞ, 11931: VALEA MARE, 11959: SECUSIGIU, 11968: MUNAR, 11977: S ATU MARE, 11986: SÂNPETRU GERMAN, 12000: SELEUŞ, 12019: IERMATA, 12028: MORODA, 12046: SEMLAC, 12064: SINTEA MARE, 12073: A DEA, 12082: ŢIPAR, 12108: SÂNTANA, 12117: CAPORAL ALEXA, 12135: SOCODOR, 12153: ŞAGU, 12162: CRUCENI, 12171: FIRITEAZ, 12180: FIS CUT, 12199: HUNEDOARA TIMIŞANÃ, 12215: ŞEITIN, 12233: ŞEPREUŞ, 12251: ŞICULA, 12260: CHERELUŞ, 12279: GURBA, 12297: ŞILINDIA, 12 304:CAMNA, 12313:IERCOŞENI, 12322:LUGUZÃU, 12331:SATU MIC, 12359:ŞIMAND, 12377:ŞIRIA, 12386:GALŞA, 12395:MÂSCA, 12411:Ş IŞTAROVÂŢ, 12420:CUVEŞDIA, 12439:LABAŞINŢ, 12448:VARNIŢA, 12466:TAUŢ, 12475:MINIŞEL, 12484:MINIŞU DE SUS, 12493:NADÂŞ, 12 518:TÂRNOVA, 12527:AGRIŞU MARE, 12536:ARÃNEAG, 12545:CHIER, 12554:DRAUŢ, 12563:DUD, 12581:VÃRÃDIA DE MUREŞ, 12590:BAIA , 12607:JULTŢA, 12616:LUPEŞTT, 12625:NICOLAE BĂLCESCU, 12634:STEJAR, 12652:VINGA, 12661:MAILAT, 12670:MĂNĂŞTUR, 12698:VÂRF URILE, 12705: AVRAM IANCU, 12714: GROŞI, 12723: LAZURI, 12732: MÃGULICEA, 12741: MERMEŞTI, 12750: POIANA, 12769: VIDRA, 12787: Z ÃBRANI, 12796:CHESINT, 12803:NEUDORF, 12821:ZÃRAND, 12830:CINTEI, 12858:ZERIND, 12867:IERMATA NEAGRÃ, 12885:ZIMANDU NO U, 12894: ANDREI ŞAGUNA, 12901: ZIMANDCUZ, 13178: PITEŞTI, 13196: BASCOV, 13203: BRÃILENI, 13212: GLÂMBOCU, 13221: MICA, 13230 :PRISLOPU MIC, 13249:SCHIAU, 13258:UIASCA, 13267:VALEA URSULUI, 13285:BRADU, 13294:GEAMÃNA, 13310:MIOVENI, 13329:CLUCE REASA, 13338:COLIBAŞI, 13347:FÃGETU, 13356:RACOVIŢA, 13374:MÃRÃCINENI, 13383:ARGEŞELU, 13409:ŞTEFÃNEŞTI, 13418:ENCULEŞTI , 13427: GOLEŞTI, 13436: IZVORANI, 13445: ŞTEFÂNEŞTII NOI, 13454: VALEA MARE-PODGORIA, 13463: VIŞOARA, 13472: ZÂVOI, 13506: CÂMP ULUNG, 13515: VALEA RUMÂNEŞTILOR, 13533: VALEA MARE PRAVÃŢ, 13542: BILCEŞTI, 13551: COLNIC, 13560: FÂNTÂNEA, 13579: GURA PRA VĂŢ, 13588: NĂMĂEŞTI, 13597: PIETROASA, 13604: ŞELARI, 13631: CURTEA DE ARGEŞ, 13640: NOAPTEŞ, 13677: COSTEŞTI, 13686: BROŞTENI, 13695:LÃCENI, 13702:PÂRVU ROŞU, 13711:PODU BROŞTENI, 13720:SMEI, 13739:STÂRCI, 13766:TOPOLOVENI, 13775:BOŢÂRCANI, 13784 :CRINTEŞTI, 13793:GORÂNEŞTI, 13800:ŢIGÂNEŞTI, 13828:ALBEŞTII PAMÂNTENI, 13837:ALBEŞTII UNGURENI, 13846:BRĀTEŞTI, 13855:DO BLEA, 13864: DOBROTU, 13873: DUMIREŞTI, 13882: FLORIENI, 13908: BUGHEA DE SUS, 13917: ALBEŞTI, 13926: CÂNDEŞTI, 13944: ALBOTA, 13953:CERBU, 13962:FRÃTEŞTI, 13971:GURA VĂII, 13980:MAREŞ, 14003:ANINOASA, 14012:BROŞTENI, 14021:SLÃNIC, 14030:VALEA SILIŞ TII, 14058:CÃPÃŢÂNENII PĂMÂNTENI, 14067:AREFU, 14076:CÃPÃŢÂNENII UNGURENI, 14094:BĂBANA, 14101:BĂJÃNEȘTI, 14110:CIOBÂN EŞTI, 14129:COTMENIȚA, 14138:GROŞI, 14147:LUPUENI, 14156:SLÃATIOARELE, 14174:BÃICULEŞTI, 14183:ALUNIŞU, 14192:ANGHINEŞTI, 14209: ARGEŞANI, 14218: MÃNICEŞTI, 14227: STEJARI, 14236: TUTANA, 14245: VALEA BRAZILOR, 14254: VALEA LUI ENACHE, 14263: ZIGONE NI, 14281:BÃLILEŞTI, 14290:BÃJEŞTI, 14307:GOLEŞTI, 14316:POIENIŢA, 14325:PRIBOAIA, 14334:ULIŢA, 14343:VALEA MARE-BRATIA, 1436 1:ZGRIPCEŞTI, 14370:BELEŢI, 14389:LENŢEA, 14398:NEGREŞTI, 14414:BEREVOEŞTI, 14423:BRATIA, 14432:GÃMÃCEŞTI, 14441:OŢELU, 14 469:BÂRLA, 14478:AFRIMEŞTI, 14487:BÃDEŞTI, 14496:BRABEŢI, 14502:CIOCEŞTI, 14511:MALU, 14520:MÂNDRA, 14539:MOZÃCENII-VAL E, 14548: PODIŞORU, 14557: ŞELÂREASCA, 14566: URLUENI, 14575: ZUVELCAŢI, 14593: BOGAŢI, 14600: BÂRLOI, 14619: BUJOI, 14628: CHIŢE \$TI, 14637: DUMBRAVA, 14646: GLÂMBOCEL, 14655: GLÂMBOCELU, 14664: SUSENI, 14682: BOTENI, 14691: BALABANI, 14708: LUNCA, 1471 7:MUŞCEL, 14735:BOŢEŞTI, 14744:MOŞTENI-GRECI, 14762:BRÃDULEŢ, 14771:ALUNIŞU, 14780:BRÃDETU, 14799:COSACI, 14806:GALEŞU , 14815:PIATRA, 14824:SLÃMNEŞTI, 14833:ULENI, 14842:UNGURENI, 14860:BUDEASA MARE, 14879:BUDEASA MICÃ, 14888:CALOTEŞTI, 1 4897: GÃLÃSESTI, 14904: ROGOJINA, 14913: VALEA MÃRULUI, 14931: BUGHEA DE JOS, 14959: VULPESTI, 14968: BUJORENI, 14977: BUZOESTI, 14986: CORNÃŢEL, 14995: CURTEANCA, 15000: IONEŞTI, 15019: PODENI, 15028: REDEA, 15037: ŞERBOENI, 15046: TOMŞANCA, 15055: VLÃD UȚA, 15073: CÃLDÃRARU, 15082: BURDEA, 15091: STRÂMBENI, 15117: VRÃNEŞTI, 15126: CÃLINEŞTI, 15135: CIOCÃNEŞTI, 15144: CÂRSTIENI, 15153:GLODU, 15162:GORGANU, 15171:RADU NEGRU, 15180:RÂNCÃCIOV, 15199:UDENI-ZÃVOI, 15206:URLUCEA, 15215:VALEA CORBUL UI, 15224: VÃLENI-PODGORIA, 15242: CÃTEASCA, 15251: CATANELE, 15260: CIREŞU, 15279: COŞERI, 15288: GRUIU, 15297: RECEA, 15304: SI LIŞTEA, 15322: CEPARII PÂMÂNTENI, 15331: CÃRPENIŞ, 15340: CEPARII UNGURENI, 15359: MORÃŞTI, 15368: ŞENDRULEŞTI, 15377: URLUIEŞ TI, 15386: VALEA MÃGUREI, 15395: ZAMFIREŞTI, 15411: CETÃŢENI, 15420: LĂICÃI, 15439: VALEA CETÃŢUIA, 15457: CICÃNEŞTI, 15466: BÃRÃ ŞTI, 15475:MIOARELE, 15484:URECHEŞTI, 15509:CIOFRÂNGENI, 15518:BURLUŞI, 15527:LACURILE, 15536:PIATRA, 15545:SCHITU-MATEI, 15563: RÃDUŢEŞTI, 15572: BECULEŞTI, 15581: BRATIA, 15590: CIOMÃGEŞTI, 15607: CUNGREA, 15616: DOGARI, 15625: FEDELEŞOIU, 15634: GIUCLANI, 15643: PÃUNEŞTI, 15661: RÃCHIŢELE DE JOS, 15670: BÃRBÃTEŞTI, 15689: COCU, 15698: CRUCIŞOARA, 15705: FÃCÃLEŢEŞTI, 1571 4:GREABÃNU, 15723:POPEŞTI, 15732:RÃCHIŢELE DE SUS, 15750:CORBENI, 15769:BERINDEŞTI, 15778:BUCŞENEŞTI, 15787:OEŞTII PAMÂ

APPENDIX B — CATEGORIES 49 / 74

NTENI, 15796: OEŞTII UNGURENI, 15803: POIENARI, 15812: ROTUNDA, 15821: TURBUREA, 15849: CORBI, 15858: CORBŞORI, 15867: JGHEABU RI, 15876: PODURI, 15885: POIENÃREI, 15894: STÂNEŞTI, 15910: COŞEŞTI, 15929: JUPÂNEŞTI, 15938: LĂPUŞANI, 15947: LEICEŞTI, 15956: PÃC IOIU, 15965: PETREȘTI, 15974: PRISEACA, 15992: COTMEANA, 16007: BASCOVELE, 16016: BUNEȘTI, 16025: COSTEȘTI, 16034: DEALU PĂDURI I, 16043: DRÃGOLEŞTI, 16052: LINTEŞTI, 16061: NEGEŞTI, 16070: PIELEŞTI, 16089: SÃNDULEŞTI, 16098: SPIRIDONI, 16105: URSOAIA, 16114: VÂRLOVENI, 16123:ZAMFIREŞTI, 16141:CUCA, 16150:BĂLŢATA, 16169:BĂRBĂLANI, 16178:CÂRCEŞTI, 16187:COTU, 16196:CRIVÂŢU, 16203 :LÃUNELE DE SUS, 16212:MÃCÃI, 16221:MÃNESTI, 16230:SINESTI, 16249:STÃNICEI, 16258:TEODORESTI, 16267:VALEA CUCII, 16276:VO NIGEASA, 16294: DAVIDEȘTI, 16301: CONȚEȘTI, 16310: VOROVENI, 16338: DÂMBOVICIOARA, 16347: CIOCANU, 16356: PODU DÂMBOVIȚEI, 1 6374: DÂRMÃNEŞTI, 16383: NEGRENI, 16392: PISCANI, 16409: VALEA NANDRII, 16418: VALEA RIZII, 16436: DOBREŞTI, 16445: FUREŞTI, 16463 :DOMNEŞTI, 16481:DRAGOSLAVELE, 16490:VALEA HOTARULUI, 16515:DRÃGANU-OLTENI, 16524:BÃCEŞTI, 16533:DUMBRÃVEŞTI, 16542: PRISLOPU MARE, 16560: GODENI, 16579: BORDEIENI, 16588: CAPU PISCULUI, 16597: COTEŞTI, 16604: MALU, 16622: HÂRSEŞTI, 16631: CIOB ANI, 16640: MARTALOGI, 16668: HÂRTIEŞTI, 16677: BÂRZEŞTI, 16686: DEALU, 16695: HULUBA, 16702: LESPEZI, 16711: LUCIENI, 16720: VULT UREȘTI, 16748: IZVORU, 16766: LEORDENI, 16775: BALOTEASCA, 16784: BÃILA, 16793: BÂNŢÃU, 16800: BUDIȘTENI, 16819: CIOLCEȘTI, 1682 8:CIULNIȚA, 16837:CÂRCIUMĂREȘTI, 16846:COTU MALULUI, 16855:GLÂMBOCATA, 16864:GLÂMBOCATA-DEAL, 16873:GLODU, 16882:M OARA MOCANULUI, 16891: SCHITU SCOICEȘTI, 16917: LEREȘTI, 16926: POJORÂTA, 16935: VOINEȘTI, 16953: LUNCA CORBULUI, 16962: BUM BUENI, 16971:CATANE, 16980:CIEŞTI, 16999:LÃNGEŞTI, 17003:MÂRGHIA DE JOS, 17012:MÂRGHIA DE SUS, 17021:PÃDUREŢI, 17030:SILIŞ TENI, 17058: MÃLURENI, 17067: BUNEŞTI, 17076: PÃULEASCA, 17085: TOPLIŢA, 17094: ZÃRNEŞTI, 17110: MERIŞANI, 17129: BORLEŞTI, 1713 8:BRÃTEASCA, 17147:CAPU PISCULUI, 17156:CRÂMPOTANI, 17165:DOBROGOSTEA, 17174:MALU VÂNÃT, 17183:VÃRZARU, 17192:VÂLCEL ELE, 17218: MICEŞTI, 17227: BRÂNZARI, 17236: PÃULEASCA, 17245: PURCÃRENI, 17263: MIHÃEŞTI, 17272: DRÃGHICI, 17281: FURNICOŞI, 17 290: RUDENI, 17307: VALEA BRADULUI, 17316: VALEA POPII, 17325: VÃCAREA, 17343: MĂŢĂU, 17352: ALUNIŞ, 17361: CHILII, 17370: COCEN EŞTI, 17389:SUSLÂNESTI, 17405:MIROŞI, 17414:SURDULEŞTI, 17432:MORÂREŞTI, 17441:DEDULEŞTI, 17450:DEALU OBEJDEANULUI, 1746 9:LUMINILE, 17478:MÃNCIOIU, 17487:SÃPUNARI, 17502:MOŞOAIA, 17511:BÃTRÂNI, 17520:CIOCÃNÃI, 17539:DEALU VIILOR, 17548:HIN ŢĘŞTI, 17557:LÃZÃREŞTI, 17566:SMEURA, 17584:MOZÃCENI, 17593:BABAROAGA, 17600:ZIDURILE, 17628:VÂLSÃNEŞTI, 17637:BOLOVÂN EŞTI, 17646:COSTEŞTI-VÂSLAN, 17655:MUSÃŢEŞTI, 17664:PROSIA, 17673:ROBAIA, 17682:STROEŞTI, 17691:VALEA FAURULUI, 17708:VALE A LUI MAŞ, 17717: VALEA MUSCELULUI, 17735: NEGRAŞI, 17744: BÂRLOGU, 17753: BUTA, 17762: MOZACU, 17780: NUCŞOARA, 17799: GRUI U, 17806:SBOGHIŢEŞTI, 17815:SLATINA, 17833:OARJA, 17842:CEAUŞEŞTI, 17860:PIETROŞANI, 17879:BÃDEŞTI, 17888:GÃNEŞTI, 17897:R ETEVOIEȘTI, 17904: VÃRZÃROAIA, 17922: POIENARI, 17931: CEAUREȘTI, 17940: IOANICEȘTI, 17959: TOMULEȘTI, 17977: POIENARI, 17986: GR OŞANI, 17995: JUGUR, 18000: ŞERBÂNEŞTI, 18019: VALEA ÎNDÂRÂT, 18037: POIANA LACULUI, 18046: CÂTUNAŞI, 18055: CEPARI, 18064: DEA LU ORAŞULUI, 18073: DEALU VIILOR, 18082: DINCULEŞTI, 18091: GÃLEŢEANU, 18108: GÃRDINEŞTI, 18117: GÂLCEŞTI, 18126: METOFU, 1813 5:PÃDUROIU DIN DEAL, 18144:PÃDUROIU DIN VALE, 18153:SÃMARA, 18171:POPEŞTI, 18180:ADUNAŢI, 18199:BUCOV, 18206:PALANGA, 18215:PURCĂRENI, 18224:RÂCA, 18233:SLOBOZIA, 18251:PRIBOIENI, 18260:ALBOTELE, 18279:PARASCHIVEŞTI, 18288:SÃMĂILA, 18297:P ITOI, 18304: VALEA MARE, 18313: VALEA NENII, 18322: VALEA POPII, 18340: RÃTEŞTI, 18359: CIUPA-MÃNCIULESCU, 18368: FURDUEŞTI, 1837 7:MAVRODOLU, 18386:NEJLOVELU, 18395:PÃTULENI, 18402:TIGVENI, 18420:RECEA, 18439:DEAGU DE JOS, 18448:DEAGU DE SUS, 18457: GOLEASCA, 18466: ORODEL, 18484: ROCIU, 18493: GLIGANU DE JOS, 18509: GLIGANU DE SUS, 18518: ŞERBÃNEŞTI, 18536: RUCÃR, 18545: S ÃTIC, 18563: SÃLÃTRUCU, 18572: VÃLENI, 18590: MÂRŢEŞTI, 18607: BÃNÃREŞTI, 18616: DEALU BRADULUI, 18625: DRÃGHICEŞTI, 18634: GÃI NUŞA, 18643:LIPIA, 18652:POPEŞTI, 18661:TURCEŞTI, 18689:SCHITU GOLEŞTI, 18698:BURNEŞTI, 18705:COSTIŢÃ, 18714:LÃZÃREŞTI, 187 23:LOTURI, 18732: VALEA PECHII, 18750: SLOBOZIA, 18769: NIGRIŞOARA, 18787: STÂLPENI, 18796: DEALU FRUMOS, 18803: LIVEZENI, 18812 :OGREZEA, 18821:OPREȘTI, 18830:PIŢIGAIA, 18849:RÃDEȘTI, 18867:STOENEȘTI, 18876:BÃDENI, 18885:COTENEȘTI, 18894:LUNCA GÂRTI I, 18901: PIATRA, 18910: SLOBOZIA, 18929: VALEA BÃDENILOR, 18947: STOLNICI, 18956: COCHINEŞTI, 18965: COTMEANA, 18974: FÂLFANI, 1 8983:IZBÃŞEŞTI, 18992:VLÃŞCUŢA, 19016:SUSENI, 19025:BURDEŞTI, 19034:CERŞANI, 19043:CHIRIŢEŞTI, 19052:GÃLEŞEŞTI, 19061:ODÃ ENI, 19070: PÃDURENI, 19089: STRÂMBENI, 19098: STEFÃNEŞTI, 19105: ŢUŢULEŞTI, 19123: ŞTEFAN CEL MARE, 19132: GLAVACIOC, 19150: Ş UICI, 19169:IANCULEȘTI, 19178:PALTENU, 19187:PÃULENI, 19196:RUDENI, 19203:VALEA CALULUI, 19221:TEIU, 19230:LEȘILE, 19258:TIG VENI, 19267: BÃDISLAVA, 19276: BÃLILEŞTI, 19285: BÃLTENI, 19294: BÂRSEŞTII DE JOS, 19301: BÂRSEŞTII DE SUS, 19310: BLAJU, 19329: VLÃ DEŞTI, 19347:ŢIŢEŞTI, 19356:BUCŞENEŞTI-LOTAŞI, 19365:CIŞMEA, 19374:VALEA MÃNĀSTIRII, 19383:VALEA STÂNII, 19409:UDA, 19418:B ÃDULEŞTI, 19427: BÃRÃNEŞTI, 19436: BRANIŞTEA, 19445: CHIRIŢEŞTI, 19454: COTU, 19463: DEALU BISERICII, 19472: DEALU TOLCESII, 1948 1:DICONEŞTI, 19490:GORANI, 19506:GREABÃN, 19515:LUNGULEŞTI, 19524:MIERCANI, 19533:RÂJLEŢU-GOVORA, 19542:ROMANA, 19551: SÃLIŞTEA, 19579: UNGHENI, 19588: COLŢU, 19597: GÃUJANI, 19604: GOIA, 19613: HUMELE, 19622: SATU NOU, 19640: VALEA DANULUI, 196 59: BĂNICEȘTI, 19668: BOLCULEȘTI, 19677: BOROBĂNEȘTI, 19686: VERNEȘTI, 19702: VALEA IAȘULUI, 19711: BĂDILA, 19720: BĂRBĂLĂTEȘTI, 19739: BOROVINEŞTI, 19748: CERBURENI, 19757: MUSTĂŢEŞTI, 19766: RUGINOASA, 19775: UNGURENI, 19784: VALEA ULEIULUI, 19800: VED EA, 19819:BÃDICEA, 19828:BLEJANI, 19837:BUREŢEŞTI, 19846:CHIRIŢEŞTI, 19855:CHIŢANI, 19864:CIUREŞTI, 19873:DINCANI, 19882:FAT A, 19891: FRÃTICI, 19908: IZVORU DE JOS, 19917: IZVORU DE SUS, 19926: LUNGANI, 19935: MOGOŞEŞTI, 19944: PRODANI, 19953: RÃŢOI, 199 62:VAŢA, 19971:VEŢIŞOARA, 19980:VÂRŞEŞTI, 20000:VLÃDEŞTI, 20019:COTEASCA, 20028:DRÃGHESCU, 20037:PUTINA, 20304:BACÃU, 2 0322:HEMEIUŞ, 20331:FÂNTÂNELE, 20340:LILIECI, 20368:LETEA VECHE, 20377:HOLT, 20386:RADOMIREŞTI, 20395:RUŞI-CIUTEA, 20402:S IRETU, 20420: MÃGURA, 20439: CRIHAN, 20448: DEALU-MARE, 20457: SOHODOL, 20475: MÃRGINENI, 20484: BARAŢI, 20493: LUNCANI, 2050 9:PÃDURENI, 20518:PODIŞ, 20527:POIANA, 20536:TREBEŞ, 20545:VALEA BUDULUI, 20572:ONEŞTI, 20581:BORZEŞTI, 20590:SLOBOZIA, 2 0616:GURA VÃII, 20625:CAPÃTA, 20634:DUMBRAVA, 20643:MOTOCEŞTI, 20652:PÃLTINATA, 20661:TEMELIA, 20689:ŞTEFAN CEL MARE, 2 0698:BOGDANA, 20705:BUCIUMI, 20714:GUTINAŞ, 20723:NEGOIEŞTI, 20732:RÃCÃUŢI, 20741:RÃDEANA, 20750:VIIŞOARA, 20787:BUHU ŞI, 20796: MARGINEA, 20803: RUNCU, 20830: COMĀNEŞTI, 20849: PODEI, 20858: VERMEŞTI, 20885: MOINEŞTI, 20894: GÃZÃRIE, 20929: SLÃ NIC-MOLDOVA, 20938: CERDAC, 20947: CIREŞOAIA, 20974: TÂRGU OCNA, 20983: POIENI, 20992: VÂLCELE, 21016: AGÃŞ, 21025: BELEGHET, 21034:COŞNEA, 21043:COTUMBA, 21052:DIACONEŞTI, 21061:GOIOASA, 21070:PRELUCI, 21089:SULŢA, 21105:ARDEOANI, 21114:LEONT INEȘTI, 21132:ASÂU, 21141:APA ASÂU, 21150:CIOBÂNUȘ, 21169:LUNCA ASÂU, 21178:PÂLTINIȘ, 21187:STRAJA, 21203:BALCANI, 21212:F RUMOASA, 21221:LUDAŞI, 21230:SCHITU FRUMOASA, 21258:BEREŞTI-BISTRIŢA, 21267:BRAD, 21276:CIUMAŞI, 21285:CLIMEŞTI, 21294:D UMBRAVA, 21301: FÃGEŢEL, 21310: ITEŞTI, 21329: PÃDURENI, 21347: BEREŞTI-TAZLÃU, 21356: BOŞOTENI, 21365: ENÃCHEŞTI, 21374: PRISA CA, 21383: ROMÂNEŞTI, 21392: TESCANI, 21409: TURLUIANU, 21427: BERZUNŢI, 21436: BUDA, 21445: DRAGOMIR, 21463: BÂRSÃNEŞTI, 214 72: ALBELE, 21481: BRÃTEŞTI, 21490: CARACLÃU, 21515: BLÃGEŞTI, 21524: BUDA, 21533: POIANA NEGUSTORULUI, 21542: ŢÂRDENII MARI, 2 1551:VALEA LUI ION, 21579:BOGDÃNEŞTI, 21588:FILIPEŞTI, 21604:BRUSTUROASA, 21613:BURUIENIŞ, 21622:BURUIENIŞU DE SUS, 21631 :CAMENCA, 21640:CUCHINIŞ, 21659:HÂNGÃNEŞTI, 21677:BUHOCI, 21686:BIJGHIR, 21695:BUHOCEL, 21702:COTENI, 21711:DOSPINEŞTI , 21739:CAŞIN, 21748:CURIȚA, 21766:CÃIUȚI, 21775:BLIDARI, 21784:BOIŞTEA, 21793:FLOREŞTI, 21800:HELTIU, 21819:MÃRCEŞTI, 21828 : POPENI, 21837: PRALEA, 21846: VRÂNCENI, 21864: CLEJA, 21873: SOMUŞCA, 21882: VALEA MICÃ, 21908: COLONEŞTI, 21917: CÂLINI, 21926 : POIANA, 21935: SATU NOU, 21944: SPRIA, 21953: VALEA MARE, 21962: ZÃPODIA, 21980: CORBASCA, 21999: BÃCIOIU, 22004: MARVILA, 220 13: POGLET, 22022: ROGOAZA, 22031: SCÃRIŞOARA, 22040: VÂLCELE, 22068: COŢOFÃNEŞTI, 22077: BÂLCA, 22086: BOIŞTEA DE JOS, 22095: B ORŞANI, 22102:TÂMÂŞOAIA, 22120:DÂMIENEŞTI, 22139:CÂLUGÂRENI, 22148:DRÃGEŞTI, 22157:PÂDURENI, 22175:DÂRMÂNEŞTI, 22184: DÃRMÃNEASCA, 22193: LÃPOŞ, 22200: PÃGUBENI, 22219: PLOPU, 22228: SÃLÃTRUC, 22246: DEALU MORII, 22255: BANCA, 22264: BÃLÃNEŞ TI, 22273:BLAGA, 22282:BOBOŞ, 22291:BODEASA, 22308:BOSTÃNEŞTI, 22317:CALAPODEŞTI, 22326:CÃUIA, 22335:DOROFEI, 22344:GHI ONOAIA, 22353: GRÂDEŞTI, 22362: NEGULEŞTI, 22371: TÂVÂDÂREŞTI, 22399: DOFTEANA, 22406: BOGATA, 22415: CUCUIEŢI, 22424: HĀGHI AC, 22433:LARGA, 22442:SEACA, 22451:ŞTEFAN VODÃ, 22479:FARAOANI, 22497:FILIPENI, 22503:BÃLAIA, 22512:BRAD, 22521:FRUNTEŞTI , 22530:MÃRÃŞTI, 22549:PÃDURENI, 22558:SLOBOZIA, 22567:VALEA BOŢULUI, 22585:FILIPEŞTI, 22594:BOANŢA, 22601:CÂRLIGI, 22610: CORNEŞTI, 22629:COTU GROSULUI, 22638:GALBENI, 22647:HÂRLEŞTI, 22656:ONIŞCANI, 22674:GÃICEANA, 22683:ARINI, 22692:HUŢU, 2

APPENDIX B — CATEGORIES 50 / 74

2709: POPEŞTI, 22727: FÃGET, 22736: BOLOVÂNIŞ, 22745: FÃGETU DE SUS, 22754: GHIMEŞ, 22763: RÃCHITIŞ, 22772: TÃRHÂUŞI, 22790: GÂR LENII DE SUS, 22807: GÂRLENI, 22816: LESPEZI, 22825: ŞURINA, 22843: GLÃVÃNEŞTI, 22852: FRUMUŞELU, 22861: MUNCELU, 22870: PUTRED ENI, 22889: RÃZEŞU, 22905: HELEGIU, 22914: BRÃTILA, 22923: DELENI, 22932: DRÃGUGEŞTI, 22950: HORGEŞTI, 22969: BAZGA, 22978: GALE RI, 22987: MÃRÃSCU, 22996: RÃCÃTÃU-RÃZEŞI, 23001: RÃCÃTÃU DE JOS, 23010: RECEA, 23029: SOHODOR, 23038: VÃLENI, 23056: HURUIEŞT I, 23065: CÃPOTEȘTI, 23074: FLOREȘTI, 23083: FUNDOAIA, 23092: OCHENI, 23109: PERCHIU, 23118: PRÃDAIȘ, 23136: IZVORU BERHECIULUI, 23145:ANTOHEȘTI, 23154:BÃIMAC, 23163:FÃGHIENI, 23172:OBÂRȘIA, 23181:OŢELEȘTI, 23190:PÃDURENI, 23216:LIPOVA, 23225:MÂLOS U, 23234: SATU NOU, 23243: VALEA CASELOR, 23252: VALEA HOGEI, 23261: VALEA MÃRULUI, 23270: VALEA MOȘNEAGULUI, 23298: LIVEZI, 2 3305:BÃLÃNEASA, 23314:ORÃŞA, 23323:POIANA, 23332:PRAJOAIA, 23341:SCÃRIGA, 23369:LUIZI-CÃLUGÃRA, 23378:OSEBIŢI, 23396:MÃ GIREŞTI, 23403: PRĂJEŞTI, 23412: STÂNEŞTI, 23421: ŞESURI, 23430: VALEA ARINILOR, 23458: MÃNÃSTIREA CAŞIN, 23467: LUPEŞTI, 23476: PÂ RVULEŞTI, 23485:SCUTARU, 23500:MOTOŞENI, 23519:BÂCLEŞTI, 23528:CHETRENI, 23537:CHICEREA, 23546:COCIU, 23555:CORNÃŢELU, 23564: FÂNTÂNELE, 23573: FUNDÃTURA, 23582: GURA CRÃIEŞTI, 23591: POIANA, 23608: PRAJA, 23617: ROTÃRIA, 23626: ŞENDREŞTI, 23635: TEPOAIA, 23653: NEGRI, 23662: BRAD, 23671: CÃLINEŞTI, 23680: MÂGLA, 23699: POIANA, 23706: URSOAIA, 23724: NICOLAE BÃLCESCU, 237 33:BĂLŢATA, 23742:BUCHILA, 23751:GALBENI, 23760:LÃRGUŢA, 23779:SĂRATA, 23788:VALEA SEACÃ, 23804:OITUZ, 23813:CĂLCÂI, 238 22: FERESTRÃU-OITUZ, 23831: HÂRJA, 23840: MARGINEA, 23859: POIANA SÃRATÃ, 23877: ONCEŞTI, 23886: BÃRBOASA, 23895: DEALU PERJU LUI, 23902: ONCEȘTII VECHI, 23911: SATU NOU, 23920: TARNIȚA, 23939: TAULA, 23957: ORBENI, 23966: SCURTA, 23984: PALANCA, 23993: C ÃDÃREŞTI, 24007:CIUGHEŞ, 24016:PAJIŞTEA, 24025:POPOIU, 24043:PARAVA, 24052:DRÃGUŞANI, 24061:RÃDOAIA, 24070:TEIUŞ, 24098:P ARINCEA, 24105: BARNA, 24114: MILEŞTII DE JOS, 24123: MILEŞTII DE SUS, 24132: NÃNEŞTI, 24141: NÃSTÃSENI, 24150: POIENI, 24169: SAT U NOU, 24178: VLADNIC, 24196: PÂNCEŞTI, 24203: CHILIA BENEI, 24212: DIENEŢ, 24221: FULGERIŞ, 24230: FUNDU VÃII, 24249: MOTOC, 242 58: PETREŞTI, 24267: SOCI, 24285: PÂRGÃREŞTI, 24294: BAHNA, 24301: NICOREŞTI, 24310: PÂRÂU BOGHII, 24329: SATU NOU, 24347: PÂRJOL , 24356:BÃHNÃSENI, 24365:BÃRNESTI, 24374:BÃSÃSTI, 24383:CÂMPENI, 24392:HÂINEALA, 24409:PUSTIANA, 24418:TÃRÂTA, 24436:PLO PANA, 24445:BUDEŞTI, 24454:DORNENI, 24463:FUNDU TUTOVEI, 24472:IŢCANI, 24481:RUSENII RĀZEŞI, 24490:RUSENII DE SUS, 24506:S TRÃMINOASA, 24515: ŢÂGÂRA, 24533: PODU TURCULUI, 24542: BÃLÃNEŞTI, 24551: CÃBEŞTI, 24560: FICHITEŞTI, 24579: GIURGIOANA, 2458 8: HANŢA, 24597: LEHANCEA, 24604: PLOPU, 24613: RÃCUŞANA, 24622: SÂRBI, 24640: PODURI, 24659: BUCŞEŞTI, 24668: CERNU, 24677: CO RNET, 24686: NEGRENI, 24695: PROHOZEȘTI, 24702: VALEA ȘOȘII, 24720: RACOVA, 24739: GURA VĂII, 24748: HÃLMÃCIOAIA, 24757: ILIEȘI, 2 4775: RÃCÃCIUNI, 24784: CIUCANI, 24793: FUNDU RÃCÃCIUNI, 24800: GHEORGHE DOJA, 24819: GÂŞTENI, 24828: RÃSTOACA, 24846: RÃCHI TOASA, 24855:BARCANA, 24864:BUCŞA, 24873:BUDA, 24882:BURDUSACI, 24891:DÃNÃILA, 24908:DUMBRAVA, 24917:FARCAŞA, 24926:F UNDÃTURA RÃCHITOASA, 24935: HÃGHIAC, 24944: MAGAZIA, 24953: MOVILIŢA, 24962: OPRIŞEŞTI, 24971: PUTINI, 24980: TOCHILEA, 25004 :ROŞIORI, 25013:MISIHÂNEŞTI, 25022:NEGUŞENI, 25031:POIENI, 25040:VALEA MARE, 25059:VALEA MICÃ, 25077:SASCUT, 25086:BEREŞT I, 25095:CONŢEŞTI, 25102:PÃNCEŞTI, 25111:SASCUT-SAT, 25120:SCHINENI, 25139:VALEA NACULUI, 25157:SÃNDULENI, 25166:BÂRZULE ŞTI, 25175:COMAN, 25184:MATEIEŞTI, 25193:STUFU, 25200:TISA, 25219:VERŞEŞTI, 25237:SÃUCEŞTI, 25246:BOGDAN VODÃ, 25255:COS TEI, 25264: SCHINENI, 25273: SIRETU, 25282: ŞERBEŞTI, 25308: SCORTENI, 25317: BOGDÃNEŞTI, 25326: FLOREŞTI, 25335: GRIGORENI, 2534 4:STEJARU, 25353:ŞERPENI, 25371:SECUIENI, 25380:BĂLUŞA, 25399:BERBINCENI, 25406:CHITICENI, 25415:CIUTUREŞTI, 25424:FUNDEN I, 25433: GLODIŞOARELE, 25442: ODOBEŞTI, 25451: TISA-SILVESTRI, 25460: VALEA FÂNAŢULUI, 25479: VÃLENI, 25497: SOLONŢ, 25503: CUC UIEŢI, 25512:SÃRATA, 25530:STÃNIŞEŞTI, 25549:BALOTEŞTI, 25558:BELCIUNEASA, 25567:BENEŞTI, 25576:CRÃIEŞTI, 25585:GORGHEŞTI, 25594:SLOBOZIA, 25601:SLOBOZIA NOUÃ, 25610:VÃLENI, 25638:STRUGARI, 25647:CETÃŢUIA, 25656:IAZ, 25665:NADIŞA, 25674:PETRICI CA, 25683:RÃCHITIŞU, 25709:TAMAŞI, 25718:CHETRIŞ, 25727:FURNICARI, 25736:GIOSENI, 25754:TÃTÃRÃŞTI, 25763:CORNII DE JOS, 2577 2:CORNII DE SUS, 25781:DRÃGEŞTI, 25790:GHERDANA, 25807:GIURGENI, 25816:UNGURENI, 25834:TÂRGU TROTUŞ, 25843:TUTA, 25852 : VIIŞOARA, 25870: TRAIAN, 25889: BOGDÂNEŞTI, 25898: HERTIOANA DE JOS, 25905: HERTIOANA-RÂZEŞI, 25914: PRÂJEŞTI, 25923: ZÂPODIA, 25941:UNGURENI, 25950:BÃRTÃŞEŞTI, 25969:BIBIREŞTI, 25978:BOTA, 25987:BOTEŞTI, 25996:GÂRLA ANEI, 26001:VIFORENI, 26010:ZLÃT ARI, 26038: URECHEŞTI, 26047: CORNÃŢEL, 26056: LUNCA DOCHIEI, 26065: SATU NOU, 26074: SLOBOZIA, 26092: VALEA SEACÃ, 26109: CUC OVA, 26127: LICHITIŞENI, 26136: BOSIA, 26145: DĂDEŞTI, 26154: DORNENI, 26163: GHILĀVEŞTI, 26172: GODINEŞTII DE JOS, 26181: GODINE ŞTII DE SUS, 26190 : MEDELENI, 26207 : NÃZÃRIOAIA, 26216 : REPRIVÃŢ, 26225 : TOMOZIA, 26234 : ŢIGÃNEŞTI, 26243 : VALEA LUPULUI, 26252 : VALEA MERILOR, 26261: VALEA SALCIEI, 26270: VULTURENI, 26298: ZEMEŞ, 26305: BOLÃTÃU, 26312: HEMIENI, 26573: ORADEA, 26591: SÂN MARTIN, 26608:BETFIA, 26617:CIHEI, 26626:CORDÃU, 26635:HAIEU, 26644:RONTÃU, 26662:SÂNTANDREI, 26671:PALOTA, 26706:ALEŞD, 26715: PÃDUREA NEAGRÃ, 26724: PEŞTIŞ, 26733: TINÃUD, 26751: AŞTILEU, 26760: CÃLÃŢEA, 26779: CHISTAG, 26788: PEŞTERE, 26813: BEIU Ş, 26822 : DELANI, 26859 : ŞTEI, 26886 : MARGHITA, 26895 : CHEŢ, 26902 : GHENETEA, 26939 : NUCET, 26948 : BÃIŢA, 26957 : BÃIŢA-PLAI, 26984 :SALONTA, 27016:VAŞCÃU, 27025:CÂMP, 27034:CÂMP-MOŢI, 27043:COLEŞTI, 27052:VÃRZARII DE JOS, 27061:VÃRZARII DE SUS, 27089:A BRAM, 27098: COHANI, 27105: DIJIR, 27114: ITEU, 27123: ITEU NOU, 27132: MARGINE, 27141: SATU BARBÃ, 27150: SUIUG, 27178: ABRÃMU Ţ, 27187: CRESTUR, 27196: FĂNCICA, 27203: PETREU, 27221: AUŞEU, 27230: CACUCIU VECHI, 27249: CODRIŞORU, 27258: GHEGHIE, 27267: GROŞI, 27276: LUNCŞOARA, 27294: AVRAM IANCU, 27301: ANT, 27310: TÃMAŞDA, 27338: BALC, 27347: ALMAŞU MARE, 27356: ALMAŞU MIC , 27365: GHIDA, 27374: SĂLDÃBAGIU DE BARCÃU, 27392: BATÃR, 27409: ARPÃŞEL, 27418: TALPOŞ, 27427: TÃUT, 27445: BIHARIA, 27454: CA UACEU, 27463: NIUVED, 27472: PARHIDA, 27481: SATU NOU, 27490: TÃMÃŞEU, 27515: BOIANU MARE, 27524: CORBOAIA, 27533: HUTA, 275 42: PÃGAIA, 27551: RUGEA, 27579: BOROD, 27588: BOROZEL, 27597: CETEA, 27604: CORNIŢEL, 27613: ŞERANI, 27622: VALEA MARE DE CRIŞ, 27640:BORŞ, 27659:SANTÃUL MARE, 27668:SANTÃUL MIC, 27677:SÂNTION, 27695:BRATCA, 27702:DAMIŞ, 27711:BEZNEA, 27720:LORÃ U, 27739: PONOARÃ, 27748: VALEA CRIŞULUI, 27766: BRUSTURI, 27775: CUIEŞD, 27784: LORANTA, 27793: ORVIŞELE, 27800: PÃULEŞTI, 2781 9: PICLEU, 27828: ŢIGÃNEŞTII DE CRIŞ, 27837: VARASÃU, 27855: BUDUREASA, 27864: BURDA, 27873: SACA, 27882: SÃLIŞTE DE BEIUŞ, 27891 :TELEAC, 27917:BUDUSLÃU, 27926:ALBIŞ, 27944:BULZ, 27953:MUNTENI, 27962:REMEŢI, 27980:BUNTEŞTI, 27999:BRÃDET, 28004:DUM BRÃVANI, 28013: FERICE, 28022: LELEŞTI, 28031: POIENII DE JOS, 28040: POIENII DE SUS, 28059: SÃUD, 28068: STÂNCEŞTI, 28086: CÃBEŞTI, 28095:GOILA, 28102:GURBEŞTI, 28111:JOSANI, 28120:SOHODOL, 28148:CÃPÂLNA, 28157:GINTA, 28166:ROHANI, 28175:SÃLDÃBAGIU M IC, 28184:SUPLACU DE TINCA, 28200:CÃRPINET, 28219:IZBUC, 28228:LEHECENI, 28237:CÃLUGÃRI, 28255:CEFA, 28264:ATEAŞ, 28273:BE RECHIU, 28282:BICACI, 28291:GEPIU, 28308:INAND, 28317:ROIT, 28326:SÂNNICOLAU ROMÂN, 28344:CEICA, 28353:BUCIUM, 28362:CEI ŞOARA, 28371:CORBEŞTI, 28380:COTIGLET, 28399:DUŞEŞTI, 28406:INCEŞTI, 28424:CETARIU, 28433:PALEU, 28442:SÃLDÃBAGIU DE MUN TE, 28451:ŞIŞTEREA, 28460:ŞUŞTUROGI, 28479:TÃUTELEC, 28488:UILEACU DE MUNTE, 28503:CHERECHIU, 28512:CHEŞEREU, 28521:TÂR GUŞOR, 28549: CHIŞLAZ, 28558: CHIRALEU, 28567: HÃUCEŞTI, 28576: MIŞCA, 28585: POCLUŞA DE BARCÃU, 28594: SÃRSIG, 28601: SÂNLAZ ÃR, 28629:CIUHOI, 28638:CENALOŞ, 28647:SÂNIOB, 28656:SFÂRNAŞ, 28674:CIUMEGHIU, 28683:BOIU, 28692:GHIORAC, 28718:CÂMPAN I, 28727:FÂNAȚE, 28736:HÂRSEŞTI, 28745:SIGHIŞTEL, 28754:VALEA DE SUS, 28772:COCIUBA MARE, 28781:CÃRÃSÃU, 28790:CHEŞA, 288 07:PETID, 28825:COPÃCEL, 28834:BUCUROAIA, 28843:CHIJIC, 28852:POIANA TÃŞAD, 28861:SÃRAND, 28870:SURDUC, 28898:CRIŞTIORU DE JOS, 28905:BÂLC, 28914: CRIŞTIORU DE SUS, 28923: POIANA, 28932: SĂLIŞTE DE VAŞCĂU, 28950: CURĂŢELE, 28969: BEIUŞELE, 28978: C RESUIA, 28987: NIMÃIEŞTI, 28996: POCIOVELIŞTE, 29010: CURTUIŞENI, 29029: VÃŞAD, 29047: DERNA, 29056: DERNIŞOARA, 29065: SACALAS ÃU, 29074:SACALASÃU NOU, 29083:TRIA, 29109:DIOSIG, 29118:IANCA, 29127:MIHAI BRAVU, 29136:ROŞIORI, 29145:VAIDA, 29163:DOBR EȘTI, 29172:CORNIȘEȘTI, 29181:CRÂNCEȘTI, 29190:HIDIȘEL, 29207:LUNCASPRIE, 29216:RÃCAȘ, 29225:TOPA DE JOS, 29234:TOPA DE SUS , 29252:DRÃGÃNEŞTI, 29261:BELEJENI, 29270:GRÃDINARI, 29289:LIVADA BEIUŞULUI, 29298:MIZIEŞ, 29305:PÃNTÃŞEŞTI, 29314:ŞEBIŞ, 29 323:TALPE, 29332:ŢIGÃNEŞTII DE BEIUŞ, 29350:DRÃGEŞTI, 29369:DICÃNEŞTI, 29378:STRACOŞ, 29387:TÃŞAD, 29396:TOPEŞTI, 29412:FI NIŞ, 29421:BRUSTURI, 29430:FIZIŞ, 29449:IOANIŞ, 29458:ŞUNCUIŞ, 29476:GIRIŞU DE CRIŞ, 29485:CHERESIG, 29494:TĀRIAN, 29500:TOB OLIU, 29528: HIDIŞELU DE SUS, 29537: HIDIŞELU DE JOS, 29546: MIERLÃU, 29555: SÂNTELEC, 29564: ŞUMUGIU, 29582: HOLOD, 29591: DU MBRAVA, 29608: DUMBRÃVIŢA, 29617: FOROSIG, 29626: HODIŞ, 29635: LUPOAIA, 29644: VALEA MARE DE CODRU, 29653: VINTERE, 29671: H USASÃU DE TINCA, 29680: FONÃU, 29699: MIERSIG, 29706: OŞAND, 29715: SITITELEC, 29733: INEU, 29742: BOTEAN, 29751: HUSASÃU DE C

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RIŞ, 29779: LAZURI DE BEIUŞ, 29788: BÂLENI, 29797: CUSUIUŞ, 29804: HINCHIRIŞ, 29822: LÂZÂRENI, 29831: BICÂCEL, 29840: CALEA MARE, 2 9859: CÃRÃNDENI, 29868: CÃRÃNZEL, 29877: GEPIŞ, 29886: GRUILUNG, 29895: MIHELEU, 29911: LUGAŞU DE JOS, 29920: LUGAŞU DE SUS, 2 9939: URVIND, 29957: LUNCA, 29966: BRIHENI, 29975: HOTÃREL, 29984: SEGHIŞTE, 29993: SÂRBEŞTI, 30005: ŞUŞTIU, 30023: MÃDÃRAS, 300 32: HOMOROG, 30041: IANOŞDA, 30050: MARŢIHAZ, 30078: MÃGEŞTI, 30087: BUTANI, 30096: CACUCIU NOU, 30103: DOBRICIONEŞTI, 3011 2:GÃLÃŞENI, 30121:JOSANI, 30130:ORTITEAG, 30158:NOJORID, 30167:APATEU, 30176:CHIŞIRID, 30185:LEŞ, 30194:LIVADA DE BIHOR, 30 201: PÃUŞA, 30210: ŞAUAIEU, 30238: OLCEA, 30247: CÃLACEA, 30256: HODIŞEL, 30265: UCURIŞ, 30283: OŞORHEI, 30292: ALPAREA, 30309: CHERIU, 30318: FELCHERIU, 30327: FUGHIU, 30345: PIETROASA, 30354: CHIŞCÂU, 30363: COCIUBA MICÂ, 30372: GIULEŞTI, 30381: GURANI, 30390: MÃGURA, 30407: MOŢĘŞTI, 30425: POCOLA, 30434: FENERIŞ, 30443: PETRANI, 30452: POIETARI, 30461: SÂNMARTIN DE BEIUŞ, 30489 : POMEZEU, 30498: CÂMPANI DE POMEZEU, 30504: COŞDENI, 30513: HIDIŞ, 30522: LACU SÃRAT, 30531: SITANI, 30540: SPINUŞ DE POMEZE U, 30559: VÃLANI DE POMEZEU, 30577: POPEŞTI, 30586: BISTRA, 30595: BUDOI, 30602: CUZAP, 30611: VARVIZ, 30620: VÃRZARI, 30639: VOIV OZI, 30657:RÃBÃGANI, 30666:ALBEŞTI, 30675:BRÃTEŞTI, 30684:SÃUCANI, 30693:SALIŞTE DE POMEZEU, 30700:VÃRÃŞENI, 30728:REMET EA, 30737: DRÃGOTENI, 30746: MEZIAD, 30755: PETREASA, 30764: SOIMUŞ, 30782: RIENI, 30791: CUCUCENI, 30808: GHIGHIŞENI, 30817: PE TRILENI, 30826:SUDRIGIU, 30835:VALEA DE JOS, 30853:ROŞIA, 30862:LAZURI, 30880:SÃCÃDAT, 30899:BORŞA, 30906:SÃBOLCIU, 30924:S ÃCUENI, 30933:CADEA, 30942:CIOCAIA, 30951:CUBULCUT, 30960:OLOSIG, 30979:SÂNNICOLAU DE MUNTE, 30997:SÂLACEA, 31002:OTO MANI, 31020:SÃLARD, 31039:HODOŞ, 31048:SÂNTIMREU, 31066:SÂMBÃTA, 31075:COPÃCENI, 31084:OGEŞTI, 31093:ROGOZ, 31100:ROT ÃREŞTI, 31119:ZÃVOIU, 31137:SÂRBI, 31146:ALMAŞU MIC, 31155:BURZUC, 31164:CHIOAG, 31173:FEGERNIC, 31182:FEGERNICU NOU, 31 191:SARCÃU, 31217:SPINUŞ, 31226:CIULEŞTI, 31235:GURBEŞTI, 31244:NÃDAR, 31253:SÃLIŞTE, 31271:SUPLACU DE BARCÃU, 31280:BOR UMLACA, 31299: DOLEA, 31306: FOGLAŞ, 31315: VALEA CERULUI, 31324: VÂLCELELE, 31342: ŞIMIAN, 31351: ŞILINDRU, 31360: VOIVOZI, 313 88:ŞINTEU, 31397:HUTA VOIVOZI, 31404:SOCET, 31413:VALEA TÂRNEI, 31431:ŞOIMI, 31440:BORZ, 31459:CODRU, 31468:DUMBRÃVIŢA DE CODRU, 31477: POCLUŞA DE BEIUŞ, 31486: SÂNNICOLAU DE BEIUŞ, 31495: URSAD, 31501: URVIŞ DE BEIUŞ, 31529: ŞUNCUIUŞ, 31538: B ÃLNACA, 31547:BÃLNACA-GROȘI, 31556:ZECE HOTARE, 31574:TARCEA, 31583:ADONI, 31592:GALOȘPETREU, 31618:TÃRCAIA, 31627:MIE RAG, 31636:TÃRCÃIŢA, 31645:TOTORENI, 31663:TÃUTEU, 31672:BOGEI, 31681:CHIRIBIŞ, 31690:CIUTELEC, 31707:POIANA, 31725:TILEA GD, 31734:BÃLAIA, 31743:CÃLÃTANI, 31752:POŞOLOACA, 31761:TILECUŞ, 31770:UILEACU DE CRIŞ, 31798:TINCA, 31805:BELFIR, 31814: GIRIŞU NEGRU, 31823:GURBEDIU, 31832:RÂPA, 31850:TULCA, 31869:CÃUAŞD, 31887:ŢEŢCHEA, 31896:HOTAR, 31903:SUBPIATRÃ, 31912 :TELECHIU, 31930:UILEACU DE BEIUŞ, 31949:FORÃU, 31958:PRISACA, 31967:VÃLANII DE BEIUŞ, 31985:VADU CRIŞULUI, 31994:BIRTIN, 3 2009: TOMNATIC, 32018: TOPA DE CRIŞ, 32036: VALEA LUI MIHAI, 32054: VIIŞOARA, 32063: IZVOARELE, 32072: PÃDURENI, 32081: REGHEA, 3 2107: VÂRCIOROG, 32116: FÂŞCA, 32125: SURDUCEL, 32134: ŞERGHIŞ, 32143: BÃILE FELIX, 32219: PĂCĂLEŞTI, 32401: BISTRIȚA, 32410: GHIN DA, 32429:SÃRATA, 32438:SIGMIR, 32447:SLÃTINIŢA, 32456:UNIREA, 32465:VIIŞOARA, 32492:BECLEAN, 32508:COLDÃU, 32517:FIGA, 32 526:RUSU DE JOS, 32553:NÃSÃUD, 32562:LIVIU REBREANU, 32571:LUŞCA, 32606:SÂNGEORZ-BÃI, 32615:CORMAIA, 32624:VALEA BORCU TULUI, 32642:BISTRIȚA BÂRGĂULUI, 32651:COLIBIȚA, 32679:BRANIŞTEA, 32688:CIREŞOAIA, 32697:MĂLUȚ, 32713:BUDACU DE JOS, 3272 2:BUDUŞ, 32731: JELNA, 32740: MONARIU, 32759: SIMIONEŞTI, 32777: BUDEŞTI, 32786: BUDEŞTI-FÂNAŢE, 32795: ŢAGU, 32802: ŢÃGŞORU, 32820:CÃIANU MIC, 32839:CÃIANU MARE, 32848:CICEU-POIENI, 32857:DOBRIC, 32866:DOBRICEL, 32875:DUMBRÃVIŢA, 32893:SATU NO U, 32900:BUDACU DE SUS, 32919:DUMITRIȚA, 32928:ORHEIU BISTRIȚEI, 32937:PETRIŞ, 32946:RAGLA, 32964:CICEU-GIURGEȘTI, 32973:B REAZA, 32982: DUMBRÃVENI, 32991: NEGRILEŞTI, 33006: PURCÃRETE, 33024: CHIOCHIŞ, 33033: APATIU, 33042: BOZIEŞ, 33051: BUZA CÃTU N, 33060:CHEŢIU, 33079:JIMBOR, 33088:MANIC, 33097:SÂNNICOARÃ, 33104:STRUGURENI, 33113:ŢENTEA, 33131:CHIUZA, 33140:MIREŞ , 33159: PIATRA, 33168: SÃSARM, 33186: COŞBUC, 33195: BICHIGIU, 33211: DUMITRA, 33220: CEPARI, 33239: TÃRPIU, 33257: FELDRU, 3326 6: NEPOS, 33284: GALAŢII BISTRIŢEI, 33293: ALBEŞTII BISTRIŢEI, 33300: DIPŞA, 33319: HERINA, 33328: TONCIU, 33346: ILVA MARE, 33355: IV ÃNEASA, 33373:ILVA MICA, 33391:JOSENII BÂRGÃULUI, 33408:MIJLOCENII BÂRGÃULUI, 33417:RUSU BÂRGÃULUI, 33426:STRÂMBA, 33444 :LECHINŢA, 33453:BUNGARD, 33462:CHIRALEŞ, 33471:SÂNGEORZU NOU, 33480:SÂNIACOB, 33499:ŢIGÃU, 33505:VERMEŞ, 33523:LEŞU, 33532:LUNCA LEŞULUI, 33550:LIVEZILE, 33569:CUŞMA, 33578:DOROLEA, 33587:DUMBRAVA, 33596:VALEA POENII, 33612:LUNCA ILVEI, 3 3630: MAIERU, 33649: ANIEŞ, 33667: MATEI, 33676: BIDIU, 33685: CORVINEŞTI, 33694: ENCIU, 33701: FÂNTÂNELE, 33710: MORUŢ, 33738: M ÃGURA ILVEI, 33747: ARŞIȚA, 33756: POIANA ILVEI, 33774: MÃRIŞELU, 33783: BÂRLA, 33792: DOMNEŞTI, 33809: JEICA, 33818: MÃGURELE, 33 827:NEŢENI, 33836:SÂNTIOANA, 33854:MICEŞTII DE CÂMPIE, 33863:FÂNTÂNIŢA, 33872:VISUIA, 33890:MILAŞ, 33907:COMLOD, 33916:D UPA DEAL, 33925:GHEMEŞ, 33934:HIREAN, 33943:OROSFAIA, 33961:MONOR, 33970:GLEDIN, 33998:NIMIGEA DE JOS, 34002:FLOREŞTI, 3 4011: MINTIU, 34020: MITITEI, 34039: MOCOD, 34048: MOGOŞENI, 34057: NIMIGEA DE SUS, 34066: TĂURE, 34084: NUŞENI, 34093: BEUDIU, 34100:DUMBRAVA, 34119:FELEAC, 34128:MALIN, 34137:RUSU DE SUS, 34146:VIŢA, 34164:PARVA, 34182:RETEAG, 34191:BAŢA, 34208:C ICEU-CORABIA, 34217: CICEU-MIHÃIEŞTI, 34226: LELEŞTI, 34244: PRUNDU BÂRGÃULUI, 34253: SUSENII BÂRGÃULUI, 34271: REBRA, 34299: REBRIŞOARA, 34306: GERSA I, 34315: GERSA II, 34324: PODEREI, 34342: RODNA, 34351: VALEA VINULUI, 34379: ROMULI, 34388: DEALU ŞTEF ÃNIŢEI, 34404:SALVA, 34413:RUNCU SALVEI, 34431:SILIVAŞU DE CÂMPIE, 34440:DRAGA, 34459:FÂNAŢELE SILIVAŞULUI, 34468:PORUMBE NII, 34486:SÂNMIHAIU DE CÂMPIE, 34495:BRÃTENI, 34501:LA CURTE, 34510:SÃLCUŢA, 34529:STUPINI, 34538:ZORENI, 34556:SPERMEZE U, 34565:HÃLMÃSÃU, 34574:LUNCA BORLESEI, 34583:PÃLTINEASA, 34592:SITA, 34609:ŞEŞURI SPERMEZEU-VALE, 34627:ŞANŢ, 34636:VA LEA MARE, 34654:ŞIEU, 34663:ARDAN, 34672:POSMUŞ, 34681:ŞOIMUŞ, 34707:ŞIEU-MÃGHERUŞ, 34716:ARCALIA, 34725:CHINTELNIC, 34 734: CRAINIMÃT, 34743: PODIREI, 34752: SÃRÃŢEL, 34761: VALEA MÃGHERUŞULUI, 34789: ŞIEU-ODORHEI, 34798: AGRIŞU DE JOS, 34805: A GRIŞU DE SUS, 34814:BRETEA, 34823:COASTA, 34832:CRISTUR-ŞIEU, 34841:ŞIRIOARA, 34869:ŞIEUŢ, 34878:LUNCA, 34887:RUŞTIOR, 348 96:SEBIŞ, 34912:ŞINTEREAG, 34921:BLÃJENII DE JOS, 34930:BLÃJENII DE SUS, 34949:CAILA, 34958:COCIU, 34967:ŞIEU-SFÂNTU, 34976:ŞI NTEREAG-GARÃ, 34994: TEACA, 35009: ARCHIUD, 35018: BUDURLENI, 35027: OCNIȚA, 35036: PINTICU, 35045: VIILE TECII, 35063: TELCIU, 3 5072: FIAD, 35081: TELCIŞOR, 35107: TIHA BÂRGÃULUI, 35116: CIOSA, 35125: MUREŞENII BÂRGÃULUI, 35134: PIATRA FÂNTÂNELE, 35143: T UREAC, 35161:TÂRLIŞUA, 35170:AGRIEŞ, 35189:AGRIEŞEL, 35198:BORLEASA, 35205:CIREAŞI, 35214:LUNCA SĂTEASCA, 35223:MOLIŞET, 35232: OARZINA, 35241: RÃCÃTEŞU, 35250: ŞENDROAIA, 35278: URIU, 35287: CRISTEŞTII CICEULUI, 35296: HÃŞMAŞU CICEULUI, 35303: ILIŞ UA, 35321:URMENIŞ, 35330:CÂMP, 35349:COŞERIU, 35358:DELURENI, 35367:FÂNAŢE, 35376:PODENII, 35385:SCOABE, 35394:ŞOPTERIU, 35401: VALEA, 35410: VALEA MARE, 35438: ZAGRA, 35447: ALUNIŞUL, 35456: PERIŞOR, 35465: POIENILE ZAGREI, 35474: SUPLAI, 35740: BOT OŞANI, 35768: CURTEŞTI, 35777: AGAFTON, 35786: BÃICENI, 35795: HUDUM, 35802: MÃNÃSTIREA DOAMNEI, 35811: ORÃŞENI-DEAL, 35820 :ORÃŞENI-VALE, 35848:RÃCHIŢI, 35857:CIŞMEA, 35866:COSTEŞTI, 35875:ROŞIORI, 35893:STÃUCENI, 35900:SILIŞTEA, 35919:TOCILENI, 3 5928:VICTORIA, 35955:DARABANI, 35964:BAJURA, 35973:EŞANCA, 35982:LISMÃNIŢA, 36015:DOROHOI, 36024:DEALU MARE, 36033:LOT URI ENESCU, 36042: PROGRESUL, 36079: SÃVENI, 36088: BODEASA, 36097: BOZIENI, 36104: CHIŞCÃRENI, 36113: PETRICANI, 36122: SAT NO U, 36140:ALBEŞTI, 36159:BUIMÃCENI, 36168:COŞTIUGENI, 36177:JIJIA, 36186:MÃŞCÃTENI, 36195:TUDOR VLADIMIRESCU, 36211:AVRÃM ENI, 36220: ADÃSENI, 36239: AUREL VLAICU, 36248: DIMITRIE CANTEMIR, 36257: ICHIMENI, 36266: PANAITOAIA, 36275: TIMUS, 36284: TUD OR VLADIMIRESCU, 36293: ZOIŢANI, 36319: BÃLUŞENI, 36328: BÃLUŞENII NOI, 36337: BUZENI, 36346: COŞULENI, 36355: DRAXINI, 36364: Z ÃICEŞTI, 36382:BRÃEŞTI, 36391:POIANA, 36408:POPENI, 36417:VÂLCELELE, 36435:BROSCÃUŢI, 36444:SLOBOZIA, 36462:BUCECEA, 3647 1:BOHOGHINA, 36480:CĂLINEȘTI, 36505:CÂLĂRAȘI, 36514:LIBERTATEA, 36523:PLEȘANI, 36541:CONCEȘTI, 36500:MOVILENI, 36578:COP ÃLÃU, 36587:BUDA, 36596:CERBU, 36603:COŞULA, 36612:COTU, 36621:PÃDURENI, 36630:ŞUPITCA, 36658:CORDÃRENI, 36667:GRIVIŢA, 36685:CORLÃTENI, 36694:CARASA, 36701:DIMÃCHENI, 36710:MATEIENI, 36729:PODENI, 36738:RECIA-VERBIA, 36747:VLÃDENI, 36765:C ORNI, 36774:BALTA ARSÃ, 36783:MESTEACÃN, 36792:SARAFINEŞTI, 36818:COŢUŞCA, 36827:AVRAM IANCU, 36836:COTU MICULINŢI, 368 45: CRASNALEUCA, 36854: GHIRENI, 36863: MIHAIL KOGĂLNICEANU, 36872: NICHITENI, 36881: NICOLAE BĂLCESCU, 36890: PUŢURENI, 369 16: CRISTEŞTI, 36925: ONEAGA, 36934: SCHIT-ORĂŞENI, 36943: UNGUROAIA, 36961: CRISTINEŞTI, 36970: BARANCA, 36989: DRAGALINA, 36 998: FUNDU HERŢII, 37002: POIANA, 37020: DERSCA, 37039: LOZNA, 37048: STRÃTENI, 37066: DÂNGENI, 37075: HULUB, 37084: IACOBENI, 3 7093:STRAHOTIN, 37119:DOBÂRCENI, 37128:BIVOLARI, 37137:CIŞMÃNEŞTI, 37146:LIVADA, 37155:MURGUŢA, 37164:BRÃTENI, 37182:D

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RÃGUŞENI, 37191: PODRIGA, 37208: SARATA-DRÃGUŞENI, 37226: DURNEŞTI, 37235: BÃBICENI, 37244: BÂRSÃNEŞTI, 37253: BROŞTENI, 3726 2:CUCUTENI, 37271:GURANDA, 37299:FLĂMÂNZI, 37315:POIANA, 37333:FRUMUŞICA, 37342:BOSCOTENI, 37351:RÃDENI, 37360:STOREŞ TI, 37379: \$ENDRENI, 37388: VLÃDENI-DEAL, 37404: DUMENI, 37413: ARBOREA, 37422: GEORGE ENESCU, 37431: POPENI, 37440: STÂNCA, 3 7468: GORBÃNEŞTI, 37477: BÃTRÂNEŞTI, 37486: GEORGE COŞBUC, 37495: MIHAI EMINESCU, 37501: SILIŞCANI, 37510: SOCRUJENI, 37529: V IFORENI, 37538: VÂNÃTORI, 37556: HAVÂRNA, 37565: BALINŢI, 37574: GALBENI, 37583: GÂRBENI, 37592: NICULCEA, 37609: TÃTÃRÃŞENI, 37 627: HÃNESTI, 37636: BOROLEA, 37645: MOARA | ORII, 37654: SARATA-BASARAB, 37663: SLOBOZIA HÃNESTI, 37681: HILISEU-HORIA, 37690: CORJÃUŢI, 37707: HILIŞEU-CLOŞCA, 37716: HILIŞEU-CRIŞAN, 37725: IEZER, 37743: HLIPICENI, 37752: DRAGALINA, 37761: VICTORIA, 37789: HUDEŞTI, 37798:ALBA, 37805:BARANCA, 37814:MLENÃUŢI, 37832:IBÃNEŞTI, 37841:DUMBRÃVIŢA, 37869:LEORDA, 37878:BELCEA, 37887 :COSTINEŞTI, 37896:DOLINA, 37903:MITOC, 37921:LUNCA, 37930:STROIEŞTI, 37949:ZLÃTUNOAIA, 37967:MANOLEASA, 37976:BOLD, 37 985:FLONDORA, 37994:IORGA, 38009:LIVENI, 38018:LOTURI, 38027:MANOLEASA-PRUT, 38036:SADOVENI, 38045:ŞERPENIŢA, 38054:ZAH ORENI, 38072:IPOTEŞTI, 38081:BAISA, 38090:CÃTÃMÃREŞTI, 38107:CÃTÃMÃREŞTI-DEAL, 38116:CERVICEŞTI, 38125:CERVICEŞTI-DEAL, 38 134: CUCORÃNI, 38143: MANOLEŞTI, 38152: STÂNCEŞTI, 38170: MIHÃILENI, 38189: CÃLINEŞTI, 38198: CÂNDEŞTI, 38205: PÂRÂU NEGRU, 38 214:ROGOJEŞTI, 38223:TALPA, 38232:VIŢCANI, 38250:MIHĀLĀŞENI, 38269:CARAIMAN, 38278:NĀSTASE, 38287:NEGREŞTI, 38296:PÃUN, 38303:SARATA, 38312:SLOBOZIA SILIŞCANI, 38330:MILEANCA, 38349:CODRENI, 38358:SCUTARI, 38367:SELIŞTEA, 38385:MITOC, 38394: HORIA, 38410:NICOLAE BÃLCESCU, 38438:CHIŢOVENI, 38447:PRISÃCANI, 38465:NICŞENI, 38474:DACIA, 38483:DOROBANŢI, 38508:PÃLT INIŞ, 38517:CUZLÃU, 38526:HORODIŞTEA, 38535:SLOBOZIA, 38553:POMÂRLA, 38562:HULUBEŞTI, 38571:RACOVÃŢ, 38599:PRÃJENI, 3860 6:CÂMPENI, 38615:LUPÃRIA, 38624:MILETIN, 38642:RÃDÃUTI-PRUT, 38651:MIORCANI, 38660:REDIU, 38688:RÃUSENI, 38697:DOINA, 38 704: POGORÃŞTI, 38713: REDIU, 38722: STOLNICENI, 38740: RIPICENI, 38759: CINGHINIIA, 38768: LEHNEŞTI, 38777: MOVILA RUPTÃ, 38786: POPOAIA, 38795: RIPICENII VECHI, 38802: RÂŞCA, 38820: ROMA, 38839: COTÂRGACI, 38857: ROMÂNEŞTI, 38866: DÃMIDENI, 38875: ROMÂN EŞTI-VALE, 38884: SÃRATA, 38900: SANTA MARE, 38919: BÃDÃRÃI, 38928: BERZA, 38937: BOGDÃNEŞTI, 38946: DURNEŞTI, 38955: ILIŞENI, 38 964: RÂNGHILEŞTI, 38973: RÂNGHILEŞTI-DEAL, 38991: SUHARÃU, 39006: IZVOARE, 39015: LIŞNA, 39024: OROFTIANA, 39033: PLEVNA, 39042 :SMÂRDAN, 39060:SULIȚA, 39079:BLÂNDEȘTI, 39088:CERCHEJENI, 39097:CHELIŞ, 39104:DRACŞANI, 39113:ŞOLDÃNEŞTI, 39131:ŞENDRI CENI, 39140:HORLÃCENI, 39159:PÃDURENI, 39177:ŞTEFÃNEŞTI, 39186:BÃDIUŢI, 39195:BOBULEŞTI, 39202:STÂNCA, 39211:ŞTEFÃNEŞTI-SAT, 39239:ŞTIUBIENI, 39248:IBÃNEASA, 39257:NEGRENI, 39275:TODIRENI, 39284:CERNEŞTI, 39293:FLOREŞTI, 39300:GÂRBEŞTI, 39319: IUREȘTI, 39337:TRUŞEŞTI, 39346:BUHÃCENI, 39355:CIRITEI, 39364:DRISLEA, 39373:IONÃŞENI, 39382:PÃSÃTENI, 39408:TUDORA, 39426: UNGURENI, 39435:BORZEŞTI, 39444:CÃLUGĂRENI, 39453:CÃLUGĂRENII NOI, 39462:DURNEŞTI, 39471:MIHAI VITEAZU, 39480:MÂNDREŞT I, 39499: PLOPENII MARI, 39505: PLOPENII MICI, 39514: TÄUTEŞTI, 39523: VICOLENI, 39541: UNŢENI, 39550: BURLA, 39569: BURLEŞTI, 39578 : MÂNÃSTIRENI, 39587: SOROCENI, 39596: VALEA GRAJDULUI, 39603: VULTURENI, 39621: VÃCULEŞTI, 39630: GOROVEI, 39649: SAUCENIȚA, 3 9667: VIIŞOARA, 39676: CUZA VODÃ, 39685: VIIŞOARA MICÃ, 39701: VÂRFU CÂMPULUI, 39710: IONÃŞENI, 39729: LUNCA, 39747: VLÃDENI, 3 9756:BREHUIEŞTI, 39765:HRIŞCANI, 39774:HUŢANI, 39783:MÂNDREŞTI, 39809:VLÃSINEŞTI, 39818:MIRON COSTIN, 39827:SÂRBI, 39845: VORNICENI, 39854: DAVIDOAIA, 39863: DEALU CRUCII, 39881: VORONA, 39890: ICUŞENI, 39907: JOLDEŞTI, 39916: POIANA, 39925: VORONA MARE, 39934: VORONA-TEODORU, 39991: DÃMILENI, 40001: SLOBOZIA, 40019: BAŞEU, 40027: VATRA, 40043: DOBRINĂUŢI-HAPĂI, 40050: M AGHERA, 40068: PUSTOAIA, 40205: BRAŞOV, 40223: GHIMBAV, 40250: CODLEA, 40287: FÃGÃRAŞ, 40312: PREDEAL, 40321: PÂRÂUL RECE, 40 330:TIMIŞU DE JOS, 40349:TIMIŞU DE SUS, 40376:RÂŞNOV, 40401:RUPEA, 40410:FIŞER, 40447:SÃCELE, 40474:VICTORIA, 40508:ZÃRNEŞT I, 40517: TOHANU NOU, 40535: APAŢA, 40553: BECLEAN, 40562: BOHOLŢ, 40571: CALBOR, 40580: HUREZ, 40599: LUŢA, 40615: BOD, 40624: COLONIA BOD, 40642: BRAN, 40651: PREDELUŢ, 40660: SOHODOL, 40679: ŞIMON, 40697: BUDILA, 40713: BUNEŞTI, 40722: CRIŢ, 40731: ME \$ENDORF, 40740: ROADE\$, 40759: VISCRI, 40777: CATA, 40786: BEIA, 40795: DRÃUŞENI, 40802: IONE\$TI, 40811: PALO\$, 40839: CINCU, 4084 8:TOARCLA, 40866:COMANA DE JOS, 40875:COMANA DE SUS, 40884:CRIHALMA, 40893:TICUŞU NOU, 40919:CRISTIAN, 40937:DUMBRÃVI ŢA, 40946: VLÃDENI, 40964: FELDIOARA, 40973: COLONIA RECONSTRUCŢIA, 40982: ROTBAV, 41006: FUNDATA, 41015: FUNDÃŢICA, 41024: ŞI RNEA, 41042: HÃLCHIU, 41051: CRIZBAV, 41060: CUTUŞ, 41079: SATU NOU, 41097: HÃRMAN, 41104: PODU OLTULUI, 41122: HÂRSENI, 4113 1:COPÃCEL, 41140:MÃLINIŞ, 41159:MÃRGINENI, 41168:SEBEŞ, 41186:HOGHIZ, 41195:BOGATA OLTEANÃ, 41202:CUCIULATA, 41211:DO PCA, 41220: FÂNTÂNA, 41239: LUPSA, 41257: HOMOROD, 41266: JIMBOR, 41275: MERCHEAŞA, 41293: JIBERT, 41300: DACIA, 41319: GRÂNAR I, 41328:LOVNIC, 41337:VĂLENI, 41355:LISA, 41364:BREAZA, 41373:POJORTA, 41391:MĂIERUŞ, 41408:ARINI, 41426:MÂNDRA, 41435:ILE NI, 41444: RÂUŞOR, 41453: ŞONA, 41462: TODERIŢA, 41480: MOIECIU DE JOS, 41499: CHEIA, 41505: DRUMUL CARULUI, 41514: MÃGURA, 41 523: MOIECIU DE SUS, 41532: PEŞTERA, 41550: ORMENIŞ, 41569: AUGUSTIN, 41587: PÃRÃU, 41596: GRID, 41603: VENEŢIA DE JOS, 41612: VE NEŢIA DE SUS, 41630: POIANA MĂRULUI, 41649: PALTIN, 41658: ŞINCA NOUĂ, 41676: PREJMER, 41685: LUNCA CALNICULUI, 41694: STUPINII PREJMERULUI, 41710: RACOŞ, 41729: MATEIAŞ, 41747: RECEA, 41756: BERIVOI, 41765: DEJANI, 41774: GURA VÃII, 41783: IAŞI, 41792: SÃSCI ORI, 41809:SÃVÃSTRENI, 41827:ŞERCAIA, 41836:HÃLMEAG, 41845:VAD, 41863:ŞINCA VECHE, 41872:BUCIUM, 41881:OHABA, 41890:PER ŞANI, 41907:ŞERCÃIȚA, 41916:VÂLCEA, 41934:SÂNPETRU, 41952:ŞOARŞ, 41961:BÃRCUT, 41970:FELMER, 41989:RODBAV, 41998:SELIŞTA T, 42012: TÃRLUNGENI, 42021: CÃRPINIŞ, 42030: PURCÃRENI, 42049: ZIZIN, 42067: TELIU, 42085: TICUŞU VECHI, 42094: COBOR, 42110: UCE A DE JOS, 42129: CORBI, 42138: FELDIOARA, 42147: UCEA DE SUS, 42165: UNGRA, 42174: DÃIŞOARA, 42192: VAMA BUZÃULUI, 42209: ACRIŞ, 42218:BUZÃIEL, 42227:DÃLGHIU, 42245:VIŞTEA DE JOS, 42254:DRÃGUŞ, 42263:OLTEŢ, 42272:RUCÃR, 42281:VIŞTEA DE SUS, 42290:VIŞT IŞOARA, 42316: VOILA, 42325: CINCŞOR, 42334: DRIDIF, 42343: LUDIŞOR, 42352: SÂMBÃTA DE JOS, 42361: SÂMBÃTA DE SUS, 42370: STAŢIU NEA CLIMATERICÃ SÂMBÃTA, 42389: VOIVODENI, 42405: VULCAN, 42414: COLONIA 1 MAI, 42423: HOLBAV, 42432: POIANA BRAŞOV, 42691: BRÃILA, 42717: CHISCANI, 42726: LACU SÃRAT, 42735: VÃRSÃTURA, 42762: FÃUREI, 42780: SURDILA-GRECI, 42799: BRATEŞU VECHI, 42806: FÃUREI SAT, 42815: HORIA, 42833: BÃRÃGANUL, 42851: BERTEŞTII DE JOS, 42860: BERTEŞTII DE SUS, 42879: GURA CÃLMÃŢUI, 42888: GURA GÂRLUŢEI, 42897: NICOLEŞTI, 42904: SPIRU HARET, 42922: BORDEI VERDE, 42931: CONSTANTIN GABRIELESCU, 42940: FILIU, 42959: LIŞCOT EANCA, 42977: CIOCILE, 42986: CHIOIBAŞEŞTI, 42995: ODÃIENI, 43000: CHICHINEŢU, 43028: CIREŞU, 43037: BATOGU, 43046: IONEŞTI, 430 55:SCÃRLÃTEŞTI, 43064:VULTURENI, 43082:DUDEŞTI, 43091:BUMBÃCARI, 43108:TÃTARU, 43126:FRECÃŢEI, 43135:AGAUA, 43144:CISTI A, 43153:SALCIA, 43162:STOIENEȘTI, 43171:TITCOV, 43199:GALBENU, 43206:DROGU, 43215:PÂNTECANI, 43224:SÃTUC, 43233:ZAMFIRE \$TI, 43251:GEMENELE, 43260:GÃVANI, 43288:GRADIŞTEA, 43297:IBRIANU, 43304:MARALOIU, 43322:GROPENI, 43340:IANCA, 43359:BER LEŞTI, 43368: GARA IANCA, 43377: OPRIŞENEŞTI, 43386: PERIŞORU, 43395: PLOPU, 43402: TÂRLELE FILIU, 43420: ÎNSURÃŢEI, 43439: LACU RE ZII, 43448: MÃRU ROŞU, 43457: VALEA CÃLMÃŢUIULUI, 43475: JIRLÃU, 43484: BRÃDEANCA, 43509: MÃRAŞU, 43518: BÃNDOIU, 43527: MÃG URENI, 43536: NEDEICU, 43545: PLOPI, 43554: TÃCÃU, 43572: MÃXINENI, 43581: CORBU NOU, 43590: CORBU VECHI, 43607: LATINU, 43616: VOINEŞTI, 43634: MIRCEA VODÃ, 43643: DEDULEŞTI, 43661: MOVILA MIRESII, 43670: ESNA, 43689: ŢEPEŞ VODÃ, 43705: RACOVIŢÃ, 43714: C ORBENI, 43723: CUSTURA, 43741: RÂMNICELU, 43750: BOARCA, 43769: CONSTANTINEŞTI, 43778: MIHAIL KOGÃLNICEANU, 43796: ROMANU , 43803: OANCEA, 43821: ROSIORI, 43830: COLTEA, 43849: FLORICA, 43858: PRIBEAGU, 43876: SALCIA TUDOR, 43885: ARICIU, 43894: CUZA V ODÃ, 43901: GULIANCA, 43910: OLÃNEASCA, 43938: SCORŢARU NOU, 43947: DEŞIRAŢI, 43956: GURGUIEŢI, 43965: NICOLAE BĂLCESCU, 439 74:PITULAŢI, 43983:SIHLEANU, 44006:SILIŞTEA, 44015:COTU LUNG, 44024:COTU MIHALEA, 44033:MÃRTÃCEŞTI, 44042:MUCHEA, 44051 : VAMEŞU, 44079: STĂNCUŢA, 44088: CUZA VODĂ, 44097: POLIZEŞTI, 44104: STANCA, 44122: SURDILA-GĂISEANCA, 44131: FILIPEŞTI, 44159 : ŞUŢEŞTI, 44168: MIHAIL KOGÃLNICEANU, 44186: TICHILEŞTI, 44195: ALBINA, 44211: TRAIAN, 44220: CÃLDÃRUŞA, 44239: SILISTRARU, 442 48: URLEASCA, 44266: TUDOR VLADIMIRESCU, 44275: CAZASU, 44284: COMÃNEASCA, 44293: SCORȚARU VECHI, 44319: TUFEȘTI, 44337: UL MU, 44346: JUGUREANU, 44364: UNIREA, 44373: MOROTEŞTI, 44382: VALEA CÂNEPII, 44408: VÃDENI, 44417: BALDOVINEŞTI, 44426: PIETROI U, 44444: VICTORIA, 44453: MIHAI BRAVU, 44471: VIŞANI, 44480: CÂINENI-BÃI, 44499: PLÃSOIU, 44514: VIZIRU, 44523: LANURILE, 44541: ZÃ VOAIA, 44550: DUDESCU, 44827: BUZÃU, 44854: RÂMNICU SÃRAT, 44872: AMARU, 44881: CÂMPENI, 44890: DULBANU, 44907: LACU SINAIA, 44916:LUNCA, 44925:SCORŢEANCA, 44943:BALTA ALBÃ, 44952:AMARA, 44961:BÃILE, 44970:STÃVÃRÃŞTI, 44998:BÃLÃCEANU, 45012:BE CENI, 45021: ARBÃNAŞI, 45030: CÃRPINIŞTEA, 45049: DOGARI, 45058: FLOREŞTI, 45067: GURA DIMIENII, 45076: IZVORU DULCE, 45085: MÃR

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GÃRIŢI, 45094: VALEA PÃRULUI, 45110: BERCA, 45129: BÃCENI, 45138: COJANU, 45147: JOSENI, 45156: MÂNÃSTIREA RÃTEŞTI, 45165: PÂCLEL E, 45174: PLEŞCOI, 45183: PLEŞEŞTI, 45192: RÃTEŞTI, 45209: SÃTUC, 45218: TÂŢÂRLIGU, 45227: VALEA NUCULUI, 45236: VÂFORÂTA, 45254: BISOCA, 45263: BÃLTÃGARI, 45272: LACURILE, 45281: LOPÃTÃREASA, 45290: PLEŞI, 45307: RECEA, 45316: SÃRILE, 45325: ŞINDRILA, 45343: B LÃJANI, 45352:SOREŞTI, 45370:BOLDU, 45398:BOZIORU, 45405:BUDUILE, 45414:FIŞICI, 45423:GÃVANELE, 45432:GRESIA, 45441:IZVOAR ELE, 45450: NUCU, 45469: SCÃENI, 45478: ULMET, 45487: VÃVÃLUCILE, 45502: BRÃDEANU, 45511: MITROPOLIA, 45520: SMÂRDAN, 45548: B RÃESTI, 45557: BRÃTILESTI, 45566: GOIDESTI, 45575: IVÃNETU, 45584: PINU, 45593: PÂRSCOVELU, 45600: RUGINOASA, 45628: BREAZA, 456 37: BĂDENI, 45646: GRECEANCA, 45655: VĂLEANCA-VILÂNEȘTI, 45664: VISPEȘTI, 45682: BUDA, 45691: ALEXANDRU ODOBESCU, 45708: DÂN ULEȘTI, 45717: MUCEȘTI-DÂNULEȘTI, 45726: SPIDELE, 45735: TOROPÂLEȘTI, 45744: VALEA LARGÂ, 45762: CALVINI, 45771: BÂSCENII DE JOS, 45780: BÂSCENII DE SUS, 45799: FRÃSINET, 45806: OLARI, 45824: C.A. ROSETTI, 45833: BÃLTENI, 45842: BÂLHACU, 45851: COTU CIORII, 458 60:LUNCA, 45879:VIZIRENI, 45897:CÃNEŞTI, 45904:GONŢEŞTI, 45913:NEGOŞINA, 45922:PÃCURILE, 45931:ŞUCHEA, 45940:VALEA VERZEI , 45968:CÃTINA, 45977:CORBU, 45986:SLOBOZIA, 45995:VALEA CÃTINEI, 46000:ZELETIN, 46028:CERNÃTEŞTI, 46037:ALDENI, 46046:BÃE \$TI, 46055:CÂLDÂRUŞA, 46064:FULGA, 46073:MANASIA, 46082:VLÂDENI, 46091:ZÂRNEŞTII DE SLÂNIC, 46117:CHILIILE, 46126:BUDEŞTI, 46135 : CREVELEŞTI, 46144 : GHIOCARI, 46153 : GLODU-PETCARI, 46162 : POIANA PLETARI, 46171 : TRESTIOARA, 46199 : CHIOJDU, 46206 : BÂSC A CHIOJDULUI, 46215: CÃTIAŞU, 46224: LERA, 46233: PLESCIOARA, 46242: POENIŢELE, 46260: CILIBIA, 46279: GARA CILIBIA, 46288: MÂNZU, 46297: MOVILA OII, 46304: POŞTA, 46322: CISLÃU, 46331: BÃRÃŞTI, 46340: BUDA CRÃCIUNEŞTI, 46359: GURA BÂSCEI, 46368: SCÃRIŞOARA, 46386:COCHIRLEANCA, 46395:BOBOC, 46402:GARA BOBOCU, 46411:ROŞIORU, 46420:TÂRLELE, 46448:COLŢI, 46457:ALUNIŞ, 46466:COL ŢII DE JOS, 46475: MUSCELU CÃRÃMÃNEŞTI, 46493: COSTEŞTI, 46509: BUDIŞTENI, 46518: GOMOEŞTI, 46527: GROŞANI, 46536: PIETROSU, 4 6545:SPÃTARU, 46563:COZIENI, 46572:ANINI, 46581:BÃLÃNEŞTI, 46590:BERCEŞTI, 46607:CIOCÃNEŞTI, 46616:COCÂRCENI, 46625:COLŢ ENI, 46634: FAȚA LUI NAN, 46643: GLODURILE, 46652: IZVORU, 46661: LUNGEȘTI, 46670: NISTOREȘTI, 46689: PIETRARU, 46698: PUNGA, 467 05:TEISU, 46714:TRESTIA, 46723:TULBUREA, 46732:VALEA BANULUI, 46741:VALEA ROATEI, 46750:ZÃPODIA, 46778:GÃLBINAŞI, 46787:B ENTU, 46796:TÃBÃRÃŞTI, 46812:GHERÃSENI, 46821:SUDIŢI, 46849:GHERGHEASA, 46858:SÃLCIOARA, 46876:GLODEANU SÃRAT, 46885:C ÃLDÃRUŞEANCA, 46894:ILEANA, 46901:PITULICEA, 46929:GLODEANU-SILIŞTEA, 46938:CASOTA, 46947:CÂRLIGU MARE, 46956:CÂRLIGU MIC, 46965:CORBU, 46974:COTORCA, 46983:SATU NOU, 46992:VÃCÃREASCA, 47015:GREBÃNU, 47024:HOMEŞTI, 47033:LIVADA, 47042: LIVADA MICÃ, 47051: PLEVNA, 47060: ZÃPLAZI, 47088: GURA TEGHII, 47097: FURTUNEŞTI, 47104: NEMERTEA, 47113: PÃLTINIŞ, 47122: SECU IU, 47131: VADU OII, 47140: VARLAAM, 47168: LARGU, 47177: SCÃRLÃTEŞTI, 47195: LOPÃTARI, 4720: BREBU, 47211: FUNDATA, 47220: LUN CILE, 47239: PESTRIŢU, 47248: PLAIU NUCULUI, 47257: PLOŞTINA, 47266: POTECU, 47275: SÃRENI, 47284: TERCA, 47293: VÂRTEJU, 47319: L UCIU, 47328: CARAGELE, 47346: MÃGURA, 47355: CIUTA, 47364: UNGURIU, 47382: MÃRÃCINENI, 47391: CĂPÃŢÂNEŞTI, 47408: POTOCENI, 4 7426: MÃRGÃRITEŞTI, 47435: CÂMPULUNGEANCA, 47444: FÂNTÂNELE, 47462: MEREI, 47471: CIOBÃNOAIA, 47480: DEALUL VIEI, 47499: DOB RILEŞTI, 47505:GURA SĀRĀŢII, 47514:IZVORU DULCE, 47523:LIPIA, 47532:NENCIULEŞTI, 47541:OGRĀZILE, 47550:SĀRATA-MONTEORU, 47 569: VALEA PUŢULUI MEREI, 47587: MIHÃILEŞTI, 47596: COLŢÃNENI, 47603: FLORICA, 47612: MÃRGINEANU, 47621: SATU NOU, 47649: MÂN ZÃLEŞTI, 47658: BEŞLII, 47667: BUŞTEA, 47676: CIREŞU, 47685: GHIZDITA, 47694: GURA BÃDICULUI, 47701: IGHIAB, 47710: PLAVÃŢU, 47729 : POIANA VÂLCULUI, 47738: SATU VECHI, 47747: TRESTIOARA, 47756: VALEA COTOAREI, 47765: VALEA URSULUI, 47783: MOVILA BANULUI, 4 7792: CIORANCA, 47809: LIMPEZIŞ, 47827: MURGEŞTI, 47836: BATOGU, 47845: VALEA RATEI, 47863: NÃENI, 47872: FINŢEŞTI, 47881: FÂNTÂ NELE, 47890: PROŞCA, 47907: VÂRF, 47925: NEHOIU, 47934: BÂSCA ROZILEI, 47943: CHIRLEŞTI, 47952: CURMÃTURA, 47961: LUNCA PRIPORU LUI, 47970: MLÃJET, 47989: NEHOIAŞU, 47998: PĂLTINENI, 48003: STÃNILA, 48012: VINEŢIŞU, 48030: ODÃILE, 48049: CAPU SATULUI, 48058: CORNEANU, 48067: GORÂNI, 48076: LACU, 48085: PIATRA ALBÃ, 48094: POSOBESTI, 48101: SCOROŞEŞTI, 48110: VALEA FÂNTÂNEI, 48129: V ALEA ŞTEFANULUI, 48147: PADINA, 48156: TÃTULEŞTI, 48174: PARDOŞI, 48183: CHIPERU, 48192: COSTOMIRU, 48209: VALEA LUI LALU, 4821 8: VALEA ŞCHIOPULUI, 48236: PÃNÃTÃU, 48245: BEGU, 48254: LACU CU ANINI, 48263: MÃGURICEA, 48272: PLÃIŞOR, 48281: RÂPILE, 48290: SIBICIU DE JOS, 48307: TEGA, 48316: ZAHAREŞTI, 48334: PÃTÂRLAGELE, 48343: CALEA CHIOJDULUI, 48352: CRÂNG, 48361: FUNDÃTURILE, 4 8370: GORNET, 48389: LUNCA, 48398: MÃRUNŢIŞU, 48405: MÃNÃSTIREA, 48414: MUŞCEL, 48423: POIENILE, 48432: SIBICIU DE SUS, 48441: STROEŞTI, 48450: VALEA LUPULUI, 48469: VALEA SIBICIULUI, 48478: VALEA VIEI, 48496: PIETROASELE, 48502: CÂLŢEŞTI, 48511: CLONDIRU D E SUS, 48520: DARA, 48539: PIETROASA MICÃ, 48548: ŞARÂNGA, 48566: PÂRSCOV, 48575: BADILA, 48584: CURCÃNEŞTI, 48593: LUNCA FRU MOASÃ, 48600: OLEŞEŞTI, 48619: PÂRJOLEŞTI, 48628: ROBEŞTI, 48637: RUNCU, 48646: TÂRCOV, 48655: TOCILENI, 48664: TRESTIENI, 48673: VALEA PURCARULUI, 48691: PODGORIA, 48708: COŢATCU, 48717: ORATIA, 48726: PLEŞEŞTI, 48735: TÃBÃCARI, 48753: POGOANELE, 48762: C ÃLDÃRÃŞTI, 48780: POŞTA CÂLNÃU, 48799: ALICENI, 48806: COCONARI, 48815: POTÂRNICHEŞTI, 48824: SUDIŢI, 48833: ZILIŞTEANCA, 48851 :PUIEȘTII DE JOS, 48860:DÃSCĂLEȘTI, 48879:LUNCA, 48888:MÃCRINA, 48897:NICOLEȘTI, 48904:PLOPI, 48913:PUIEȘTII DE SUS, 48931:R ACOVIŢENI, 48940: BUDREA, 48959: PETRIŞORU, 48977: RÂMNICELU, 48986: COLIBAŞI, 48995: FOTIN, 49000: ŞTIUBEI, 49028: ROBEASCA, 49 037: MOŞEŞTI, 49055: RUŞEŢU, 49064: SERGENT IONEL ŞTEFAN, 49082: SÃGEATA, 49091: BANIŢA, 49108: BEILIC, 49117: BORDUŞANI, 49126 : DÂMBROCA, 49135 : GÃVÃNEŞTI, 49144 : MOVILIŢA, 49162 : SÃHÃTENI, 49171 : GÃGENI, 49180 : ISTRIŢA DE JOS, 49199 : VINTILEANCA, 49215 :SÃPOCA, 49224: MÃTEŞTI, 49242: SÃRULEŞTI, 49251: CÃRÃTNÃU DE JOS, 49260: CÃRÃTNÃU DE SUS, 49279: GOICELU, 49288: SÃRILE-CÃTU N, 49297: VALEA LARGÃ-SÃRULEŞTI, 49304: VALEA STÂNEI, 49322: SCORŢOASA, 49331: BALTA TOCILA, 49340: BECIU, 49359: DELENI, 49368: DÂLMA, 49377: GOLU GRABICINA, 49386: GRABICINA DE JOS, 49395: GRABICINA DE SUS, 49402: GURA VÃII, 49411: PLOPEASA, 49420: POLIC IORI, 49448: SCUTELNICI, 49457: ARCANU, 49466: BRÃGÃREASA, 49475: LIPÃNESCU, 49493: LUNCA JARIŞTEI, 49509: COLŢU PIETRII, 49518: CAŞOCA, 49527: GURA SIRIULUI, 49536: MUŞCELUŞA, 49554: SMEENI, 49563: ALBEŞTI, 49572: BÃLAIA, 49581: CÃLŢUNA, 49590: MOISICA, 4 9607: UDAŢI-LUCIENI, 49616: UDAŢI-MÂNZU, 49634: STÂLPU, 49652: IZVORU, 49661: BÃRBUNCEŞTI, 49670: GRÃJDANA, 49689: HALEŞ, 4969 8: IZVORANU, 49705: LEICULEȘTI, 49714: PÃDURENII, 49723: SALCIA, 49732: STREZENI, 49741: TISÃU, 49750: VALEA SÃLCIILOR, 49778: TOPL ICENI, 49787: BĂBENI, 49796: CEAIRU, 49803: DEDULEȘTI, 49812: GURA FĂGETULUI, 49821: POȘTA, 49830: RĂDUCEȘTI, 49858: ŢINTEȘTI, 49 867: MAXENU, 49876: ODAIA BANULUI, 49885: POGONELE, 49901: ULMENI, 49910: BÃLTÃREŢI, 49929: CLONDIRU, 49938: SÃRATA, 49947: V ÂLCELE, 49965 : VADU PAŞII, 49974 : BÃJANI, 49983 : FOCŞÃNEI, 49992 : GURA CÂLNÃULUI, 50004 : SCURTEŞTI, 50013 : STÃNCEŞTI, 50031 : VAL EA RÂMNICULUI, 50040: OREAVUL, 50059: RUBLA, 50077: VALEA SALCIEI, 50086: MODRENI, 50095: VALEA SALCIEI-CÃTUN, 50111: VERNEŞTI, 50120:BRÃDEANCA, 50139:CÂNDEŞTI, 50148:CÂRLOMÃNEŞTI, 50157:MIEREA, 50166:NENCIU, 50175:NIŞCOV, 50184:SÃSENII NOI, 50193 :SÃSENII PE VALE, 50200:SÃSENII VECHI, 50219:ZOREŞTI, 50237:VINTILÃ VODÃ, 50246:BODINEŞTI, 50255:COCA-ANTIMIREŞTI, 50264:CO CA-NICULEŞTI, 50273:NICULEŞTI, 50282:PETRÃCHEŞTI, 50291:PODU MUNCII, 50308:SÂRBEŞTI, 50317:SMEEŞTI, 50335:VIPEREŞTI, 50344 :MUSCEL, 50353:PÃLICI, 50362:RUŞAVÃŢ, 50371:TRONARI, 50380:URSOAIA, 50406:VÂLCELELE, 50424:FUNDENI, 50433:COMISOAIA, 504 42: PRUNENI, 50451: VADU SOREŞTI, 50460: ZÃRNEŞTI, 50488: ZIDURI, 50497: COSTIENI, 50503: CUCULEASA, 50512: HELIADE RÃDULESCU, 50521:LANURILE, 50530:ZOIŢA, 50556:OJASCA, 50807:REŞIŢA, 50816:CÂLNIC, 50825:CUPTOARE, 50834:DOMAN, 50843:SECU, 50852:ŢE ROVA, 50861: MONIOM, 50898: ANINA, 50905: STEIERDORF, 50932: BÃILE HERCULANE, 50941: PECINISCA, 50978: BOCSA, 50996: OCNA DE F IER, 51029:CARANSEBEŞ, 51038:JUPA, 51065:MOLDOVA NOUÃ, 51074:MÃCEŞTI, 51083:MOLDOVA VECHE, 51092:MOLDOVIŢA, 51127:OR AVIŢA, 51136:CICLOVA MONTANĂ, 51145:MARILA, 51154:AGADICI, 51163:BRĂDIŞORU DE JOS, 51172:BROŞTENI, 51181:RĂCHITOVA, 5121 6:OŢELU ROŞU, 51225:CIREŞA, 51234:MAL, 51252:ARMENIŞ, 51261:FENEŞ, 51270:PLOPU, 51289:SAT BÃTRÂN, 51298:SUB MARGINE, 513 14:BÃNIA, 51323:GÂRBOVÃŢ, 51341:BÃUŢAR, 51350:BUCOVA, 51369:CORNIŞORU, 51378:PREVECIORI, 51396:BERLIŞTE, 51403:IAM, 5141 2:MILCOVENI, 51421:RUSOVA NOUÃ, 51430:RUSOVA VECHE, 51458:BERZASCA, 51467:BIGÃR, 51476:COZLA, 51485:DRENCOVA, 51494:LI UBCOVA, 51519: BERZOVIA, 51528: FIZEŞ, 51537: GHERTENIŞ, 51555: BOLVAŞNIŢA, 51564: VÂRCIOROVA, 51582: BOZOVICI, 51591: PONEASC A, 51608: PRILIPET, 51617: VALEA MINIŞULUI, 51635: BREBU, 51644: APADIA, 51653: VALEADENI, 51671: BREBU NOU, 51680: GÃRÂNA, 5170 6:BUCHIN, 51715:LINDENFELD, 51724:POIANA, 51733:PRISIAN, 51742:VALEA TIMIŞULUI, 51760:BUCOŞNIŢA, 51779:GOLEŢ, 51788:PETR OŞNIŢA, 51797: VĀLIŞOARA, 51813: CARAŞOVA, 51822: IABALCEA, 51831: NERMED, 51859: CĀRBUNARI, 51868: ŞTINĀPARI, 51886: CĀVĀRAN , 51895: MACIOVA, 51902: MÂTNICU MARE, 51911: PEŞTERE, 51920: PRISACA, 51939: ZÃGUJENI, 51957: CICLOVA ROMÂNÃ, 51966: ILIDIA, 51

APPENDIX B — CATEGORIES 54 / 74

975:SOCOLARI, 51993:CIUCHICI, 52008:MACOVISTE, 52017:NICOLINT, 52026:PETRILOVA, 52044:CIUDANOVIȚA, 52053:JITIN, 52071:COP ÃCELE, 52080:OHABA-MÂTNIC, 52099:RUGINOSU, 52106:ZORILE, 52124:CORNEA, 52133:CRUŞOVÃŢ, 52142:CUPTOARE, 52151:MACOVIŞ TE, 52179: CORNEREVA, 52188: ARSURI, 52197: BOGÂLTIN, 52204: BOJIA, 52213: BORUGI, 52222: CAMENA, 52231: CIREȘEL, 52240: COSTIȘ, 5 2259: COZIA, 52268: CRACU MARE, 52277: CRACU TEIULUI, 52286: DOBRAIA, 52295: DOLINA, 52302: GRUNI, 52311: HORA MARE, 52320: HO RA MICÃ, 52339:INELEŢ, 52348:IZVOR, 52357:LUNCA FLORII, 52366:LUNCA ZAICII, 52375:MESTEACÃN, 52384:NEGIUDIN, 52393:OBIŢA, 5 2400: POGARA DE SUS, 52419: POGARA, 52428: POJANA LUNGÃ, 52437: PRISACINA, 52446: PRISLOP, 52455: RUŞTIN, 52464: SCÃRIŞOARA, 52 473:STRUGASCA, 52482:STUDENA, 52491:SUB CRÂNG, 52507:SUB PLAI, 52516:TOPLA, 52525:ŢAŢU, 52534:ZÃNOGI, 52543:ZBEGU, 5255 2:ZMOGOTIN, 52561:ZOINA, 52589:DALBOŞEŢ, 52598:BÂRZ, 52605:BOINA, 52614:BOINIŢA, 52623:PRISLOP, 52632:REŞIŢA MICÃ, 52641: \$OPOTU VECHI, 52669: DOCLIN, 52678: BINI\$, 52687: TIROL, 52703: DOGNECEA, 52712: CALINA, 52730: DOMA\$NEA, 52749: CÃNICEA, 5276 7:EZERIŞ, 52776:SOCENI, 52794:FÂRLIUG, 52801:DEZEŞTI, 52810:DULEU, 52829:REMETEA-POGÃNICI, 52838:SCÃIUŞ, 52847:VALEA MAR E, 52865: FOROTIC, 52874: BREZON, 52883: COMORÂŞTE, 52892: SURDUCU MARE, 52918: GÂRNIC, 52927: PADINA MATEI, 52945: GLIMBOC A, 52963:GORUIA, 52972:GIURGIOVA, 52981:GÂRLIŞTE, 53005:GRÃDINARI, 53014:GREONI, 53032:IABLANIȚA, 53041:GLOBU CRAIOVEI, 5 3050: PETNIC, 53078: LÃPUŞNICEL, 53087: PÂRVOVA, 53096: ŞUMIŢA, 53112: LÃPUŞNICU MARE, 53121: MOCERIŞ, 53149: LUNCAVIŢA, 53158 : VERENDIN, 53176: LUPAC, 53185: CLOCOTICI, 53194: RAFNIC, 53201: VODNIC, 53229: MARGA, 53238: VAMA MARGA, 53256: MÃURENI, 532 65:ŞOŞDEA, 53283:MEHADIA, 53292:GLOBURÃU, 53309:PLUGOVA, 53318:VALEA BOLVAŞNIŢA, 53336:MEHADICA, 53354:NAIDÃŞ, 53363 :LESCOVIŢA, 53381:OBREJA, 53390:CIUTA, 53407:IAZ, 53416:VAR, 53434:PÃLTINIŞ, 53443:CORNUŢEL, 53452:DELINEŞTI, 53461:OHABIŢ A, 53470:RUGI, 53498:CORONINI, 53504:SFÂNTA ELENA, 53522:POJEJENA, 53531:BELOBREŞCA, 53540:DIVICI, 53559:RADIMNA, 53568:Ş UŞCA, 53586: PRIGOR, 53595: BORLOVENII NOI, 53602: BORLOVENII VECHI, 53611: PÃTAŞ, 53620: PUTNA, 53648: RAMNA, 53657: BÃRBOSU, 53666: VALEAPAI, 53684: RÃCÃŞDIA, 53693: VRÃNIUŢ, 53719: EFTIMIE MURGU, 53737: RUSCA MONTANÃ, 53746: RUŞCHIŢA, 53764: SACU, 5 3773:SÃLBÃGELU NOU, 53782:TINCOVA, 53808:SASCA MONTANÃ, 53817:BOGODINT, 53826:POTOC, 53835:SASCA ROMÂNÃ, 53844:SLA TINA-NERA, 53862:SICHEVIŢA, 53871:BRESTELNIC, 53880:CAMENIŢA, 53899:CÂRŞIE, 53906:CRACU ALMÃJ, 53915:CRUŞOVIŢA, 53924:CU RMÃTURA, 53933: FRÃSINIŞ, 53942: GORNEA, 53951: LIBORAJDEA, 53960: LUCACEVÃŢ, 53979: MARTINOVÃŢ, 53988: OGAŞU PODULUI, 53997 :STRENEAC, 54001:VALEA OREVIȚA, 54010:VALEA RAVENSCA, 54029:VALEA SICHEVIȚEI, 54038:ZÃNOU, 54047:ZÃSLOANE, 54065:SLATINA -TIMIŞ, 54074:ILOVA, 54083:SADOVA NOUÃ, 54092:SADOVA VECHE, 54118:SOCOL, 54127:BAZIAŞ, 54136:CÂMPIA, 54145:PÂRNEAURA, 54 154: ZLATIŢA, 54172: ŞOPOTU NOU, 54181: CÂRŞA ROŞIE, 54190: DRIŞTIE, 54207: POIENILE BOINEI, 54216: RAVENSCA, 54225: RÃCHITA, 542 34:STÃNCILOVA, 54243:URCU, 54252:VALEA RÃCHITEI, 54261:VALEA ROŞIE, 54289:TEREGOVA, 54298:RUSCA, 54314:TICVANIU MARE, 54 323:CÂRNECEA, 54332:SECÃŞENI, 54341:TICVANIU MIC, 54369:TÂRNOVA, 54378:BRATOVA, 54396:TOPLEŢ, 54403:BÂRZA, 54421:TURNU RUIENI, 54430:BORLOVA, 54449:CICLENI, 54458:DALCI, 54467:ZERVEŞTI, 54476:ZLAGNA, 54494:VĀLIUG, 54519:VÃRÃDIA, 54528:MERCIN A, 54546: VERMEŞ, 54555: ERSIG, 54564: IZGAR, 54582: VRANI, 54591: CIORTEA, 54608: IERTOF, 54626: ZÃVOI, 54635: MÃGURA, 54644: MÃR U, 54653: POIANA MÃRULUI, 54662: VALEA BISTREI, 54671: VOISLOVA, 54680: 23 AUGUST, 54706: ZORLENŢU MARE, 54715: ZORLENCIOR, 54 984:CLUJ-NAPOCA, 55017:DEJ, 55026:OCNA DEJULUI, 55035:PEŞTERA, 55044:PINTIC, 55053:ŞOMCUTU MIC, 55071:CUZDRIOARA, 55080: MÃNÃŞTUREL, 55099: VALEA GÂRBOULUI, 55115: JICHIŞU DE JOS, 55124: CODOR, 55133: JICHIŞU DE SUS, 55142: ŞIGÃU, 55151: TÃRPIU, 551 79: MICA, 55188: DÂMBU MARE, 55197: MÃNÃSTIREA, 55204: NIREŞ, 55213: SÂNMÃRGHITA, 55222: VALEA CIREŞOII, 55231: VALEA LUNCII, 5 5268:TURDA, 55286:MIHAI VITEAZU, 55295:CHEIA, 55302:CORNEŞTI, 55320:SÃNDULEŞTI, 55339:COPÃCENI, 55366:CÂMPIA TURZII, 5539 3:GHERLA, 55400:BÃIŢA, 55419:HÃŞDATE, 55428:SILIVAŞ, 55455:HUEDIN, 55464:BICÃLATU, 55482:AGHIREŞU, 55491:AGHIREŞU-FABRIC I, 55507:ARGHIŞU, 55516:BÃGARA, 55525:DÂNCU, 55534:DOROLŢU, 55543:INUCU, 55552:LEGHIA, 55561:MACÃU, 55570:TICU, 55589:T ICU-COLONIE, 55605: AITON, 55614: REDIU, 55632: ALUNIŞ, 55641: CORNENI, 55650: GHIROLT, 55669: PRUNENI, 55678: VALE, 55696: APAHI DA, 55703:BODROG, 55712:CÂMPENEŞTI, 55721:CORPADEA, 55730:DEZMIR, 55749:PATA, 55758:SÂNNICOARĂ, 55767:SUB COASTĂ, 557 85: AŞCHILEU MARE, 55794: AŞCHILEU MIC, 55801: CRISTOREL, 55810: DORNA, 55829: FODORA, 55847: BACIU, 55856: CORUŞU, 55865: MER A, 55874:POPEŞTI, 55883:RÃDAIA, 55892:SÃLIŞTEA NOUÃ, 55909:SUCEAGU, 55927:BÃIŞOARA, 55936:FRÃSINET, 55945:MOARA DE PÃDU RE, 55954: MUNTELE BÃIŞORII, 55963: MUNTELE BOCULUI, 55972: MUNTELE CACOVEI, 55981: MUNTELE FILII, 55990: MUNTELE SÃCELULUI, 56005:SÃCEL, 56023:BELIŞ, 56032:BÃLCEŞTI, 56041:DEALU BOTII, 56050:GIURCUŢA DE JOS, 56069:GIURCUŢA DE SUS, 56078:POIANA H OREA, 56087:SMIDA, 56103:BOBÂLNA, 56112:ANTÃŞ, 56121:BÃBDIU, 56130:BLIDÃREŞTI, 56149:CREMENEA, 56158:MAIA, 56167:OŞORH EL, 56176: PRUNI, 56185: RĂZBUNENI, 56194: SUARĂŞ, 56201: VÂLCELELE, 56229: BONŢIDA, 56238: COASTA, 56247: RĂSCRUCI, 56256: TĂUŞ ENI, 56274:BORŞA, 56283:BORŞA-CÃTUN, 56292:BORŞA-CRESTAIA, 56309:CIUMÃFAIA, 56318:GIULA, 56336:BUZA, 56345:ROTUNDA, 563 63:CÃIANU, 56372:BÃRÃI, 56381:CÃIANU MIC, 56390:CÃIANU-VAMÃ, 56407:VAIDA-CÃMÃRAŞ, 56416:VÃLENI, 56434:CÃLÃRAŞI, 56443:B OGATA, 56452: CÃLÃRAŞI-GARÃ, 56470: CÃLÃŢELE, 56489: CÃLATA, 56498: DEALU NEGRU, 56504: FINCIU, 56513: VÃLENI, 56531: CÃMÃRAŞ U, 56540:NÃOIU, 56559:SÂMBOLENI, 56577:CÃPUŞU MARE, 56586:AGÂRBICIU, 56595:BÃLCEŞTI, 56602:CÃPUŞU MIC, 56611:DÂNGÃU M ARE, 56620: DÂNGÃU MIC, 56639: DUMBRAVA, 56648: PÃNICENI, 56657: STRAJA, 56675: CÃŞEIU, 56684: COMORÂŢA, 56693: COPLEAN, 5670 0:CUSTURA, 56719:GÂRBÃU DEJULUI, 56728:GUGA, 56737:LEURDA, 56746:RUGÃŞEŞTI, 56755:SÃLÃTRUC, 56764:URIŞOR, 56782:CÃTINA , 56791:COPRU, 56808:FELDIOARA, 56817:HAGÃU, 56826:HODAIE, 56835:VALEA CALDÃ, 56853:CEANU MARE, 56862:ANDICI, 56871:BOI AN, 56880:BOLDUŢ, 56899:CIURGÃU, 56906:DOSU NAPULUI, 56915:FÂNAŢE, 56924:HODÃI BOIAN, 56933:IACOBENI, 56942:MORŢEŞTI, 5 6951:STÂRCU, 56960:STRUCUT, 56979:VALEA LUI CATI, 56997:CHINTENI, 57001:DEUŞU, 57010:FEIURDENI, 57029:MÃCICAŞU, 57038:PÃ DURENI, 57047:SATU LUNG, 57056:SÃLIŞTEA VECHE, 57065:SÂNMÃRTIN, 57074:VECHEA, 57092:CHIUIEŞTI, 57109:DOSU BRICII, 57118:H UTA, 57127: MÃGOAJA, 57136: STRÂMBU, 57145: VALEA CÃŞEIELULUI, 57154: VALEA LUI OPRIŞ, 57172: CIUCEA, 57181: BUCEA, 57190: NEGR ENI, 57207: PRELUCELE, 57216: VÂNĂTORI, 57234: CIURILA, 57243: FILEA DE JOS, 57252: FILEA DE SUS, 57261: PÃDURENI, 57270: PRUNIŞ, 57 289:SÃLICEA, 57298:SÃLIŞTE, 57305:ŞUTU, 57323:CÂŢCÃU, 57332:MUNCEL, 57341:SÃLIŞCA, 57369:COJOCNA, 57378:BOJ-CÃTUN, 57387 :BOJU, 57396:CARA, 57403:HUCI, 57412:IURIU DE CÂMPIE, 57421:MORIŞTI, 57430:STRAJA, 57458:CORNEŞTI, 57467:BÂRLEA, 57476:IGRI ŢIA, 57485:LUJERDIU, 57494:MORÃU, 57500:STOIANA, 57519:TIOCU DE JOS, 57528:TIOCU DE SUS, 57537:TIOLTIUR, 57555:DÃBÂCA, 575 64:LUNA DE JOS, 57573:PÂGLIŞA, 57591:FELEACU, 57608:CASELE MICEŞTI, 57617:GHEORGHIENI, 57626:SÃRÂDIŞ, 57635:VÂLCELE, 57653 :FIZEŞU GHERLII, 57662:BONT, 57671:LUNCA BONTULUI, 57680:NICULA, 57699:SÃCÃLAIA, 57715:FLOREŞTI, 57724:LUNA DE SUS, 57733 :TÃUŢI, 57751:FRATA, 57760:BERCHIEŞU, 57779:OAŞ, 57788:OLÃRIU, 57797:PÃDUREA IACOBENI, 57804:POIANA FRÃŢII, 57813:RÃZOARE , 57822:SOPORU DE CÂMPIE, 57840:GEACA, 57859:CHIRIŞ, 57868:LACU, 57877:LEGII, 57886:PUINI, 57895:SUCUTARD, 57911:GILÃU, 579 20:SOMEŞU CALD, 57939:SOMEŞU RECE, 57957:GÂRBÃU, 57966:CORNEŞTI, 57975:NÃDÃŞELU, 57984:VIŞTEA, 57993:TUREA, 58017:IARA , 58026:AGRIŞ, 58035:BORZEŞTI, 58044:BURU, 58053:CACOVA IERII, 58062:FÃGETU IERII, 58071:LUNGEŞTI, 58080:MAŞCA, 58099:MÃGU RA IERII, 58106:OCOLIȘEL, 58115:SURDUC, 58124:VALEA AGRIȘULUI, 58133:VALEA VADULUI, 58151:ICLOD, 58160:FUNDÃTURA, 58179:IC LOZEL, 58188: LIVADA, 58197: ORMAN, 58213: IZVORU CRIŞULUI, 58222: NADÃŞU, 58231: NEARŞOVA, 58240: ŞAULA, 58268: JUCU DE SUS, 5 8277:GÃDÃLIN, 58286:JUC-HERGHELIE, 58295:JUCU DE MIJLOC, 58302:VIŞEA, 58320:LUNA, 58339:GLIGOREŞTI, 58348:LUNCANI, 58366: MÃGURI-RÃCÃTÃU, 58375: MÃGURI, 58384: MUNTELE RECE, 58400: MÃNÃSTIRENI, 58419: ARDEOVA, 58428: BEDECIU, 58437: BICA, 58446: DRETEA, 58455: MÃNÃŞTURU ROMÂNESC, 58473: MÃRGÃU, 58482: BOCIU, 58491: BUTENI, 58507: CIULENI, 58516: RÃCHIŢELE, 58525: SCRI ND-FRÃSINET, 58543: MÃRIŞEL, 58561: MINTIU GHERLII, 58570: BUNEŞTI, 58589: NIMA, 58598: PÃDURENII, 58605: PETREŞTI, 58614: SALATI U, 58632: MOCIU, 58641: BOTENI, 58650: CHESÃU, 58669: CRIŞENI, 58678: FALCA, 58687: GHIRIŞU ROMÂN, 58696: ROŞIENI, 58703: TURMA ŞI, 58712:ZORENII DE VALE, 58730:MOLDOVENEŞTI, 58749:BÃDENI, 58758:PIETROASA, 58767:PLÃIEŞTI, 58776:PODENI, 58785:STEJERIŞ, 58801:PÃLATCA, 58810:BÃGACIU, 58829:MUREŞENII DE CÂMPIE, 58838:PETEA, 58847:SAVA, 58865:PANTICEU, 58874:CÃTÃLINA, 58883: CUBLEŞU SOMEŞAN, 58892: DÂRJA, 58909: SÃRATA, 58927: PETREŞTII DE JOS, 58936: CRÃEŞTI, 58945: DELENI, 58954: LIVADA, 58963: PETRE ŞTII DE MIJLOC, 58972:PETREŞTII DE SUS, 58981:PLAIURI, 59005:PLOSCOŞ, 59014:CRAIRÂT, 59023:LOBODAŞ, 59032:VALEA FLORILOR, 590 50: POIENI, 59069: BOLOGA, 59078: CERBEŞTI, 59087: HODIŞU, 59096: LUNCA VIŞAGULUI, 59103: MORLACA, 59112: TRANIŞU, 59121: VALEA

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DRÃGANULUI, 59149: RECEA-CRISTUR, 59158: CÃPRIOARA, 59167: CIUBANCA, 59176: CIUBÃNCUŢA, 59185: ELCIU, 59194: ESCU, 59201: JUR CA, 59210:OSOI, 59229:PUSTUŢA, 59247:RÂŞCA, 59256:DEALU MARE, 59265:LÃPUŞTEŞTI, 59274:MÃRCEŞTI, 59292:SÃCUIEU, 59309:RO GOJEL, 59318: VIŞAGU, 59336: SÃVÃDISLA, 59345: FINIŞEL, 59354: HÃŞDATE, 59363: LITA, 59372: LITENI, 59381: STOLNA, 59390: VÃLIŞOARA, 59407:VLAHA, 59425:SIC, 59443:SÂNCRAIU, 59452:ALUNIŞU, 59461:BRÃIŞORU, 59470:DOMOŞU, 59489:HORLACEA, 59504:SÂNMÃRTIN, 59513:CEABA, 59522:CUTCA, 59531:DIVICIORII MARI, 59540:DIVICIORII MICI, 59559:MÃHAL, 59568:SÂMBOIENI, 59577:TÂRGUŞOR, 5959 5:SÂNPAUL, 59602:BERINDU, 59611:MIHÃIEŞTI, 59620:SUMURDUCU, 59639:ŞARDU, 59648:TOPA MICÃ, 59666:SUATU, 59675:ARUNCUT A, 59684: DÂMBURILE, 59700: TRITENII DE JOS, 59719: CLAPA, 59728: COLONIA, 59737: PÃDURENI, 59746: TRITENII DE SUS, 59755: TRITENII -HOTAR, 59773:TURENI, 59782:CEANU MIC, 59791:COMŞEŞTI, 59808:MÃRTINEŞTI, 59817:MICEŞTI, 59835:ŢAGA, 59844:NÃSAL, 59853:S ÂNTEJUDE, 59862:SÂNTEJUDE VALE, 59871:SÂNTIOANA, 59899:UNGURAŞ, 59906:BATIN, 59915:DAROŢ, 59924:SICFA, 59933:VALEA UNG URAŞULUI, 59951:VAD, 59960:BOGATA DE JOS, 59979:BOGATA DE SUS, 59988:CALNA, 59997:CETAN, 60008:CURTUIUŞU DEJULUI, 60017 :VALEA GROŞILOR, 60035:VALEA IERII, 60044:CERC, 60053:PLOPI, 60071:VIIŞOARA, 60080:URCA, 60106:VULTURENI, 60115:BĂBUŢIU, 601 24: BĂDEŞTI, 60133: CHIDEA, 60142: FĂURENI, 60151: ŞOIMENI, 60428: CONSTANȚA, 60437: MAMAIA, 60446: PALAZU MARE, 60464: EFORIE SUD, 60473: EFORIE NORD, 60491: MANGALIA, 60516: NÃVODARI, 60525: MAMAIA-SAT, 60543: TECHIRGHIOL, 60552: SANATORIUL AGIGEA, 60561:STAŢIUNEA ZOOLOGICÃ MARINÃ AGIGEA, 60589:LAZU, 60605:23 AUGUST, 60614:DULCEŞTI, 60623:MOŞNENI, 60641:LIMANU, 60 650: HAGIENI, 60669: 2 MAI, 60678: VAMA VECHE, 60696: OVIDIU, 60703: LUMINA, 60712: POIANA, 60730: TUZLA, 60749: COSTINEŞTI, 6075 8:SCHITU, 60785:CERNAVODÃ, 60810:HÂRŞOVA, 60829:VADU OII, 60856:MEDGIDIA, 60865:REMUS OPREANU, 60874:VALEA DACILOR, 60 892:ADAMCLISI, 60909:ABRUD, 60918:HATEG, 60927:URLUIA, 60936:ZORILE, 60954:ALBESTI, 60963:ARSA, 60972:COROANA, 60981:CO TU VÃII, 60990: VÂRTOP, 61014: ALIMAN, 61032: DUNÃRENI, 61041: FLORIILE, 61050: VLAHII, 61078: BÃNEASA, 61087: FÃUREI, 61096: NEGU RENI, 61103:TUDOR VLADIMIRESCU, 61130:CASTELU, 61149:CUZA VODÃ, 61158:NISIPARI, 61176:CERCHEZU, 61185:CÃSCIOARELE, 61194 :MÃGURA, 61201:VIROAGA, 61229:CHIRNOGENI, 61238:CREDINTA, 61247:PLOPENI, 61265:CIOBANU, 61274:MIORITA, 61292:CIOCÂRLIA , 61309:CIOCÂRLIA DE SUS, 61327:COBADIN, 61336:CONACU, 61345:CURCANI, 61354:NEGREŞTI, 61363:VIIŞOARA, 61381:COGEALAC, 61 407: FÂNTÂNELE, 61416: GURA DOBROGEI, 61425: RÂMNICU DE JOS, 61434: RÂMNICU DE SUS, 61443: TARIVERDE, 61461: COMANA, 61470: CASICEA, 61489: GENERAL SCĂRIŞOREANU, 61498: PELINU, 61504: TĂTARU, 61522: CORBU, 61531: LUMINIȚA, 61540: VADU, 61568: CRUCEA , 61577 : BÃLTÃGEŞTI, 61586 : CRIŞAN, 61595 : GÃLBIORI, 61602 : STUPINA, 61611 : ŞIRIU, 61639 : CUMPÃNA, 61648 : BÃRÃGANU, 61657 : POTÂR NICHEA, 61666: STRAJA, 61684: DELENI, 61693: PETROŞANI, 61700: PIETRENI, 61728: ŞIPOTELE, 61746: DOBROMIR, 61755: CETATEA, 61764: DOBROMIRU DIN DEAL, 61773: LESPEZI, 61782: PÃDURENI, 61791: VÃLENI, 61817: GÂRLICIU, 61835: HORIA, 61844: CLOŞCA, 61853: GHINDÃ REŞTI, 61862:TICHILEŞTI, 61880:INDEPENDENŢA, 61899:DUMBRÃVENI, 61906:FÂNTÂNA MARE, 61915:FURNICA, 61924:MOVILA VERDE, 6 1933: OLTENI, 61942: TUFANI, 61960: ION CORVIN, 61979: BREBENI, 61988: CRÂNGU, 62002: RARIŞTEA, 62011: VIILE, 62039: ISTRIA, 62048: NUNTAŞI, 62066: LIPNIŢA, 62075: CANLIA, 62084: CARVÃN, 62093: COSLUGEA, 62100: CUIUGIUC, 62119: GORUNI, 62128: IZVOARELE, 62146 :MERENI, 62155:CIOBÃNIŢA, 62164:LANURILE, 62173:MIRIŞTEA, 62182:OSMANCEA, 62208:MIHAIL KOGÃLNICEANU, 62217:OITUZ, 62226 : PALAZU MIC, 62235 : PIATRA, 62244 : SIBIOARA, 62262 : MIHAI VITEAZU, 62271 : SINOIE, 62299 : MIRCEA VODÃ, 62306 : FÃCLIA, 62315 : GHER GHINA, 62324: SALIGNY, 62333: SATU NOU, 62342: ŞTEFAN CEL MARE, 62351: ŢIBRINU, 62379: MURFATLAR, 62388: SIMINOC, 62404: NEGR U VODÃ, 62413: DARABANI, 62422: GRÃNICERU, 62431: VÂLCELELE, 62459: NICOLAE BÃLCESCU, 62468: DOROBANŢU, 62477: DROPIA, 62495 : OLTINA, 62501: RÃZOARELE, 62510: SATU NOU, 62529: STRUNGA, 62547: OSTROV, 62556: ALMÃLÃU, 62565: BUGEAC, 62574: ESECHIOI, 62 583:GALIȚA, 62592:GÂRLIȚA, 62618:PANTELIMON, 62627:CÃLUGÃRENI, 62636:NISTOREȘTI, 62645:PANTELIMON DE JOS, 62654:RUNCU, 62663:VULTURU, 62681:PECINEAGA, 62690:VÂNÃTORI, 62716:PEŞTERA, 62725:IVRINEZU MARE, 62734:IVRINEZU MIC, 62743:IZVORU MA RE, 62752: VETERANU, 62770: POARTA ALBÃ, 62789: NAZARCEA, 62805: RASOVA, 62814: COCHIRLENI, 62832: SARAIU, 62850: DULGHERU, 62 869:STEJARU, 62887:SÃCELE, 62896:TRAIAN, 62912:SEIMENI, 62921:DUNÃREA, 62930:SEIMENII MICI, 62958:SILIŞTEA, 62967:TORTOMA N, 62976: TEPEŞ VODÃ, 62994: TÂRGUŞOR, 63009: CASIAN, 63018: CHEIA, 63027: GRÃDINA, 63036: MIREASA, 63054: TOPALU, 63063: CAPID AVA, 63081:TOPRAISAR, 63090:AMZACEA, 63107:BIRUINŢA, 63116:MOVILIŢA, 63134:VALU LUI TRAIAN, 63143:OLIMP, 63205:NEPTUN, 63 214: JUPITER, 63223: CAP AURORA, 63232: VENUS, 63241: SATURN, 63269: AGIGEA, 63349: CULMEA, 63401: SFÂNTU GHEORGHE, 63410: CHI LIENI, 63429:COŞENI, 63456:BARAOLT, 63465:BIBORŢENI, 63474:BODOŞ, 63483:CÃPENI, 63492:MICLOŞOARA, 63508:RACOŞUL DE SUS, 63535:COVASNA, 63544:CHIURUŞ, 63562:COMANDÃU, 63599:ÎNTORSURA BUZÃULUI, 63606:BRÃDET, 63615:FLOROAIA, 63624:SCRÃDOA SA, 63642:BARCANI, 63651:LÃDÃUŢI, 63660:SÃRÃMÃŞ, 63679:VALEA MARE, 63697:SITA BUZÃULUI, 63704:CRASNA, 63713:MERIŞOR, 637 22:ZÃBRÃTÃU, 63759:TÂRGU SECUIESC, 63768:LUNGA, 63786:AITA MARE, 63795:AITA MEDIE, 63811:BÃTANII MARI, 63820:AITA SEACÃ, 63839:BÃŢANII MICI, 63848:HERCULIAN, 63857:OZUNCA-BÃI, 63875:BELIN, 63884:BELIN-VALE, 63900:BODOC, 63919:OLTENI, 63928:ZÃ LAN, 63946:BOROŞNEU MARE, 63955:BOROŞNEU MIC, 63964:DOBOLII DE SUS, 63973:LEŢ, 63982:ŢUFALÃU, 63991:VALEA MICÃ, 64014:B RATEŞ, 64023: PACHIA, 64032: TELECHIA, 64050: BRÃDUŢ, 64069: DOBOŞENI, 64078: FILIA, 64087: TÃLIŞOARA, 64103: BREŢCU, 64112: MÃR TÃNUŞ, 64121: OITUZ, 64149: CATALINA, 64158: HÃTUICA, 64167: IMENI, 64176: MÃRTINENI, 64185: MÃRCUŞA, 64201: CERNAT, 64210: ALB IS, 64229: ICAFALÃU, 64247: CHICHIS, 64256: BÃCEL, 64274: DOBÂRLÃU, 64283: LUNCA MÃRCUSULUI, 64292: MÃRCUS, 64309: VALEA DOBÂ RLÃULUI, 64327: GHELINŢA, 64336: HARALE, 64354: GHIDFALÃU, 64363: ANGHELUŞ, 64372: FOTOŞ, 64381: ZOLTAN, 64407: HÃGHIG, 64416 :IARÃŞ, 64434:ILIENI, 64443:DOBOLII DE JOS, 64452:SÂNCRAIU, 64470:LEMNIA, 64489:LUTOASA, 64498:MERENI, 64513:MICFALÃU, 6452 2:BIXAD, 64531:MALNAŞ, 64540:MALNAŞ-BĂI, 64559:VALEA ZĂLANULUI, 64577:MOACŞA, 64586:DALNIC, 64595:PĂDURENI, 64611:OJDU LA, 64620: HILIB, 64648: OZUN, 64657: BICFALÃU, 64666: LISNÃU, 64675: LISNÃU-VALE, 64684: LUNCA OZUNULUI, 64693: MÃGHERUŞ, 6470 0:SÂNTIONLUNCA, 64728:POIAN, 64737:BELANI, 64746:CÃRPINENII, 64755:ESTELNIC, 64764:VALEA SCURTÃ, 64782:RECI, 64791:ANINO ASA, 64808:BITA, 64817:SACIOVA, 64835:SÂNZIENI, 64844:CAŞINU MIC, 64853:PETRICENI, 64862:VALEA SEACÃ, 64880:TURIA, 64899:AL UNGENI, 64915: VALEA CRIŞULUI, 64924: ARCUŞ, 64933: CALNIC, 64951: ARACI, 64960: ARIUŞD, 64979: HETEA, 64988: VÂLCELE, 65002: VÂR GHIŞ, 65020:ZAGON, 65039:PÃPÃUŢI, 65057:ZÃBALA, 65066:PETENI, 65075:SURCEA, 65084:TAMAŞFALÃU, 65351:TÂRGOVIŞTE, 65360:P RISEACA, 65388: ANINOASA, 65397: SÃTENI, 65404: VIFORÂTA, 65422: DOICEŞTI, 65440: RÃZVAD, 65459: GORGOTA, 65468: VALEA VOIEVOZI LOR, 65486:ŞOTÂNGA, 65495:TEIŞ, 65510:ULMI, 65529:COLANU, 65538:DIMOIU, 65547:DUMBRAVA, 65556:MATRACA, 65565:NISIPURIL E, 65574: UDREŞTI, 65583: VIIŞOARA, 65618: FIENI, 65627: BEREVOEŞTI, 65636: COSTEŞTI, 65654: MOŢÃIENI, 65663: CUCUTENI, 65690: GÃE \$TI, 65716:GURA FOII, 65725:BUMBUIA, 65734:CATANELE, 65743:FÃGETU, 65761:PETRE\$TI, 65770:COADA IZVORULUI, 65789:GHERGHE ŞTI, 65798:GRECI, 65805:IONEŞTI, 65814:POTLOGENI-DEAL, 65823:PUNTEA DE GRECI, 65850:MORENI, 65878:IEDERA DE JOS, 65887:COLI BASI, 65896: CRICOVU DULCE, 65903: IEDERA DE SUS, 65930: PUCIOASA, 65949: BELA, 65958: DIACONESTI, 65967: GLODENI, 65976: MALUR ILE, 65985: MICULEŞTI, 65994: PUCIOASA-SAT, 66018: BRĀNEŞTI, 66027: GURA VULCANEI, 66036: LĀCULEŢE-GARĀ, 66045: PRIBOIU, 66054: TOCULEȘTI, 66063: VULCANA-PANDELE, 66090: TITU, 66107: FUSEA, 66116: HAGIOAICA, 66125: MERENI, 66134: PLOPU, 66143: SÃLCUŢA, 66 161: BRANISTEA, 66170: DÂMBOVICIOARA, 66189: SÃVESTI, 66205: BÃLENI-ROMÂNI, 66214: BÃLENI-SÂRBI, 66232: GURA BÃRBULEŢULUI, 66 241:ALUNIŞ, 66250:BÃRBULEŢU, 66269:CETÃŢUIA, 66278:DUPÃ DEAL, 66287:PIETRARI, 66296:RÂU ALB DE JOS, 66303:RÂU ALB DE SUS, 66312:ŞIPOT, 66321:VALEA, 66349:BEZDEAD, 66358:BROŞTENI, 66367:COSTIŞATA, 66376:MÃGURA, 66385:TUNARI, 66394:VALEA MORII, 66410:BILCIUREŞTI, 66429:SUSENI SOCETU, 66447:BUCIUMENI, 66456:DEALU MARE, 66465:VALEA LEURZII, 66483:BUCŞANI, 66492:HÃB ENI, 66508: RACOVIȚA, 66517: RĂŢOAIA, 66535: CÂNDEȘTI-VALE, 66544: ANINOŞANI, 66553: CÂNDEȘTI DEAL, 66562: DRAGODĂNEȘTI, 6657 1:VALEA MARE, 66599:GHERGHIŢEŞTI, 66606:BLIDARI, 66615:CÃLUGÃRENI, 66624:CÃPŞUNA, 66633:COBIUŢA, 66642:CRÃCIUNEŞTI, 666 51: FRASIN DEAL, 66660: FRASIN VALE, 66679: MISLEA, 66688: MÃNÃSTIREA, 66704: COJASCA, 66713: FÂNTÂNELE, 66722: IAZU, 66740: COM IŞANI, 66759:LAZURI, 66777:CONŢEŞTI, 66786:BÃLTENI, 66795:BOTENI, 66802:CÃLUGÃRENI, 66811:CRÂNGAŞI, 66820:GÃMÃNEŞTI, 6683 9: HELESTEU, 66848: MERENI, 66866: CORBII MARI, 66875: BÃRÃCENI, 66884: GROZÃVEŞTI, 66893: MOARA DIN GROAPÃ, 66900: PETREŞTI, 6 6919: PODU CORBENCII, 66928: SATU NOU, 66937: UNGURENI, 66946: VADU STANCHII, 66964: CORNÃŢELU, 66973: ALUNIŞU, 66982: BOLO VANI, 66991: CORNI, 67005: SLOBOZIA, 67023: CORNEȘTI, 67032: BUJOREANCA, 67041: CÃTUNU, 67050: CRISTEASCA, 67069: CRIVÂŢU, 6707

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8: FRASINU, 67087: HODÃRÃŞTI, 67096: IBRIANU, 67103: POSTÂRNACU, 67112: UNGURENI, 67130: COSTEŞTII DIN VALE, 67149: MÃRUNŢIŞU , 67158 : TOMŞANI, 67176 : BÃDULEŞTI, 67185 : CRÂNGURILE DE JOS, 67194 : CRÂNGURILE DE SUS, 67201 : PÃTROAIA DEAL, 67210 : PÃTROAIA VALE, 67229: POTLOGENI VALE, 67238: RÃŢEŞTI, 67247: VOIA, 67265: DÃRMÃNEŞTI, 67274: MÃRGINENII DE SUS, 67283: VLÃDENI, 67309: DO BRA, 67318: MÃRCEŞTI, 67336: DRAGODANA, 67345: BOBOCI, 67354: BURDUCA, 67363: CUPARU, 67372: PÃDURENI, 67381: PICIOR DE MUN TE, 67390:STRÃOŞTI, 67416:DRAGOMIREŞTI, 67425:DECINDENI, 67434:GEANGOEŞTI, 67443:MOGOŞEŞTI, 67452:RÂNCÃCIOV, 67461:UN GURENI, 67489: FINTA MARE, 67498: BECHINESTI, 67504: FINTA VECHE, 67513: GHEBOAIA, 67531: GLODENI, 67540: GUSOIU, 67559: LÃCUL EŢE, 67568: LIVEZILE, 67577: MALU MIERII, 67586: SCHELA, 67602: GURA OCNIŢEI, 67611: ADÂNCA, 67620: OCHIURI, 67639: SÃCUENI, 6765 7:GURA ŞUŢII, 67666: SPERIEŢENI, 67684: HULUBEŞTI, 67693: BUTOIU DE JOS, 67700: BUTOIU DE SUS, 67719: MÃGURA, 67728: VALEA DAD EI, 67746: GHIRDOVENI, 67755: I. L. CARAGIALE, 67764: MIJA, 67782: LUCIENI, 67791: OLTENI, 67808: RACIU, 67817: SILIŞTEA, 67826: ŞUŢA S EACÃ, 67844:LUDEŞTI, 67853:MILOŞARI, 67862:POTOCELU, 67871:SCHEIU DE JOS, 67880:SCHEIU DE SUS, 67899:TELEŞTI, 67915:LUNGU LEŢU, 67924: OREASCA, 67933: SERDANU, 67951: MALU CU FLORI, 67960: CAPU COASTEI, 67979: COPÃCENI, 67988: MICLOŞANII MARI, 6799 7:MICLOŞANII MICI, 68011:MÃNEŞTI, 68020:DRÃGÃEŞTI PÃMÂNTENI, 68039:DRÃGÃEŞTI UNGURENI, 68057:TEŢCOIU, 68066:CREŢULEŞTI , 68075:MÃTÃSARU, 68084:ODAIA TURCULUI, 68093:POROINICA, 68100:PUŢU CU SALCIE, 68119:SÃLCIOARA, 68137:MOGOŞANI, 68146: CHIRCA, 68155: COJOCARU, 68164: MERII, 68173: ZÃVOIU, 68191: MOROENI, 68208: DOBREŞTI, 68217: GLOD, 68226: LUNCA, 68235: MUŞCE L, 68244:PUCHENI, 68262:MORTENI, 68271:NEAJLOVU, 68299:NUCET, 68306:CAZACI, 68315:ILFOVENI, 68333:OCNIȚA, 68351:ODOBEȘTI, 68360:BRÂNCOVEANU, 68379:CROVU, 68388:MIULEŞTI, 68397:ZIDURILE, 68413:PIETROŞIŢA, 68422:DEALU FRUMOS, 68440:POIANA, 684 59: POIENIȚA, 68477: POTLOGI, 68486: PITARU, 68495: PODU CRISTINII, 68501: ROMÂNEȘTI, 68510: VLÃSCENI, 68538: PRODULEȘTI, 68547: BROŞTENI, 68556: COSTEŞTII DIN DEAL, 68574: PUCHENI, 68583: BRÃDÃŢEL, 68592: MEIŞOARE, 68609: VALEA LARGÃ, 68618: VÂRFURENI, 68 636: RÃCARI, 68645: BÃLÃNEŞTI, 68654: COLACU, 68663: GHERGANI, 68672: GHIMPAŢI, 68681: MAVRODIN, 68690: SÃBIEŞTI, 68707: STÃNE \$TI, 68725:RUNCU, 68734:BÃDENI, 68743:BREBU, 68752:FERESTRE, 68761:PIATRA, 68770:SILIŞTEA, 68798:BÂNEŞTI, 68805:CÃTUNU, 68 814: CUZA VODÃ, 68823: GHINEŞTI, 68832: MIRCEA VODÃ, 68841: MOARA NOUÃ, 68850: MOVILA, 68869: PODU RIZII, 68878: SÃLCIOARA, 68 896: SELARU, 68903: FIERBINTI, 68912: GLOGOVEANU, 68930: TÃTÃRANI, 68949: CÃPRIORU, 68958: GHEBOIENI, 68967: PRIBOIU, 68985: ULI EŞTI, 68994: CROITORI, 69009: HANU LUI PALÃ, 69018: JUGURENI, 69027: MÂNÃSTIOARA, 69036: OLTENI, 69045: RAGU, 69054: STAVROPOLI A, 69072: VALEA LUNGÃ-CRICOV, 69081: BĂCEŞTI, 69090: IZVORU, 69107: MOŞIA MICÃ, 69116: ŞERBĂNEASA, 69125: ŞTUBEIE TISA, 69134: V ALEA LUI DAN, 69143: VALEA LUNGÃ GORGOTA, 69152: VALEA LUNGÃ OGREA, 69161: VALEA MARE, 69189: VALEA MARE, 69198: FETENI, 692 05:GÂRLENI, 69214:LIVEZILE, 69223:SARU, 69232:STRATONEŞTI, 69241:VALEA CASELOR, 69269:VÃCÃREŞTI, 69278:BRÃTEŞTII DE JOS, 692 87:BUNGETU, 69296:PERŞINARI, 69312:VÃLENI-DÂMBOVIŢA, 69321:MESTEACÃN, 69349:VIŞINA, 69358:BROŞTENI, 69367:IZVORU, 69376 : RÃSCÃEŢI, 69385: VULTUREANCA, 69401: VIŞINEŞTI, 69410: DOSPINEŞTI, 69429: SULTANU, 69438: URSEIU, 69456: VÂRFURI, 69465: CÂRLÃ NEŞTI, 69474:COJOIU, 69483:MERIŞORU, 69492:STÃTEŞTI, 69508:ŞUVIŢA, 69517:ULMETU, 69535:VOINEŞTI, 69544:GEMENEA BRÃTULEŞT I, 69553:IZVOARELE, 69562:LUNCA, 69571:MANGA, 69580:MÂNJINA, 69599:ONCEŞTI, 69606:SUDULENI, 69624:VULCANA-BÃI, 69633:NIC OLAEȘTI, 69642: VULCANA DE SUS, 69919: CRAIOVA, 69928: FÃCÃI, 69937: MOFLENI, 69946: POPOVENI, 69955: SIMNICU DE JOS, 69973: BUC OVÃŢ, 69982: CÂRLIGEI, 69991: ITALIENI, 70003: LEAMNA DE JOS, 70012: LEAMNA DE SUS, 70021: PALILULA, 70030: SÃRBÃTOAREA, 70058: C ERNELE, 70067: CERNELELE DE SUS, 70076: IZVORUL RECE, 70085: ROVINE, 70101: IŞALNIŢA, 70129: PODARI, 70138: BALTA VERDE, 70147: B RANIȘTE, 70156: GURA VÃII, 70165: LIVEZI, 70183: ŞIMNICU DE SUS, 70192: ALBEȘTI, 70209: CORNETU, 70218: DELENI, 70227: DUDOVICEȘT I, 70236:DUŢULEŞTI, 70245:FLOREŞTI, 70254:IZVOR, 70263:JIENI, 70272:LEŞILE, 70281:MILEŞTI, 70290:ROMÂNEŞTI, 70325:BÃILEŞTI, 703 34: BALASAN, 70361: CALAFAT, 70370: BASARABI, 70389: CIUPERCENII VECHI, 70398: GOLENȚI, 70423: FILIAȘI, 70432: ALMÃIEL, 70441: BÂL TA, 70450:BRANIŞTE, 70469:FRATOŞTIŢA, 70478:RÃCARII DE SUS, 70487:USCÃCI, 70511:SEGARCEA, 70539:AFUMAŢI, 70548:BOURENI, 7 0557:COVEI, 70575:ALMÃJ, 70584:BEHARCA, 70593:BOGEA, 70600:COŢOFENII DIN FAŢÃ, 70619:MOŞNENI, 70628:ŞITOAIA, 70646:AMÃR ÃȘTII DE JOS, 70655: OCOLNA, 70664: PRAPOR, 70682: AMÃRÃȘTII DE SUS, 70691: DOBROTEȘTI, 70708: NISIPURI, 70717: ZVORSCA, 70735: A PELE VII, 70753: ARGETOAIA, 70762: BÃRANU, 70771: BERBEŞU, 70780: IORDÃCHEŞTI, 70799: LEORDOASA, 70806: MALUMNIC, 70815: NOVA C, 70824: PIRIA, 70833: POIANA FÂNTÂNII, 70842: SALCIA, 70851: TEASCU DIN DEAL, 70860: URSOAIA, 70888: BECHET, 70904: BISTREȚ, 709 13:BISTREŢU NOU, 70922:BRÂNDUŞA, 70931:PLOSCA, 70959:BÂRCA, 70977:BOTOŞEŞTI-PAIA, 70995:BRABOVA, 71000:CARAIMAN, 71019 :MOSNA, 71028:RÃCHITA DE JOS, 71037:URDINIŢA, 71046:VOITA, 71064:BRÃDEŞTI, 71073:BRÃDEŞTII BÃTRÂNI, 71082:METEU, 71091:PI SCANI, 71108: RÃCARI, 71117: TATOMIREȘTI, 71135: BRALOȘTIȚA, 71144: CIOCANELE, 71153: RACOVIȚA, 71162: SCHITU, 71171: SFÂRCEA, 7 1180: VALEA FÂNTÂNILOR, 71206: BRATOVOEŞTI, 71215: BÃDOŞI, 71224: GEOROCU MARE, 71233: PRUNET, 71242: ROJIŞTE, 71251: TÂMBUR EŞTI, 71279: BREASTA, 71288: COTU, 71297: CROVNA, 71304: FÃGET, 71313: OBEDIN, 71322: ROŞIENI, 71331: VALEA LUNGULUI, 71359: PREJ OI, 71368:BULZEŞTI, 71377:FRĂŢILA, 71386:GURA RACULUI, 71395:ÎNFRĂŢIREA, 71402:PISCU LUNG, 71411:POIENILE, 71420:SĂLIŞTE, 71 439:SECULEŞTI, 71448:STOICEŞTI, 71466:CALOPÃR, 71475:BELCINU, 71484:BÂZDÂNA, 71493:PANAGHIA, 71509:SÃLCUŢA, 71527:CARA ULA, 71545:CARPEN, 71554:CLEANOV, 71563:GEBLEŞTI, 71581:CASTRANOVA, 71590:PUŢURI, 71616:CÃLÃRAŞI, 71625:SÃRATA, 71643:CE LARU, 71652: GHIZDÃVEŞTI, 71661: MAROTINU DE JOS, 71670: MAROTINU DE SUS, 71689: SORENI, 71705: CERÃT, 71714: MALAICA, 71732: C ERNÃTEŞTI, 71741: CORNIȚA, 71750: RASNICU BĂTRÂN, 71769: RASNICU OGHIAN, 71778: ŢIU, 71796: CETATE, 71803: MORENI, 71821: CIOR OIAȘI, 71830: CETÃŢUIA, 71849: CIOROIU NOU, 71867: CIUPERCENII NOI, 71876: SMÂRDAN, 71894: COȘOVENI, 71901: CÂRCEA, 71929: COŢ OFENII DIN DOS, 71938: MIHÃIŢA, 71947: POTMELŢU, 71965: DANEŢI, 71974: BRABEŢI, 71983: BRANIŞTE, 71992: LOCUSTENI, 72016: DÃBUL ENI, 72025: CHIAŞU, 72043: DESA, 72061: DIOŞTI, 72070: CIOCÃNEŞTI, 72089: RADOMIR, 72105: DOBREŞTI, 72114: CÃCIULÃTEŞTI, 72123: G EOROCEL, 72132: MURTA, 72141: TOCENI, 72169: DRÃGOTEŞTI, 72178: BENEŞTI, 72187: BOBEANU, 72196: BUZDUC, 72203: POPÂNZÃLEŞTI, 72212:VIIŞOARA, 72230:DRÃNIC, 72249:BOOVENI, 72258:FOIŞOR, 72267:PADEA, 72285:FÃRCAŞ, 72294:AMÃRÃŞTI, 72301:GOLUMBELU, 72310:GOLUMBU, 72329:MOFLEŞTI, 72338:NISTOI, 72347:PLOPU AMĀRĀŞTI, 72356:PUŢINEI, 72365:SOCENI, 72374:TĀLPAŞ, 72392:GALI CEA MARE, 72418: GHERCEŞTI, 72427: GÂRLEŞTI, 72436: LUNCŞORU, 72445: UNGURENI, 72454: UNGURENII MICI, 72472: GIGHERA, 72481: NEDEIA, 72490: ZÃVAL, 72515: GIUBEGA, 72524: GALICIUICA, 72542: GIURGIŢA, 72551: CURMÃTURA, 72560: FILARET, 72588: GÂNGIOVA, 72 597:COMOŞTENI, 72613:GOGOŞU, 72622:GOGOŞIŢA, 72631:ŞTEFÃNEL, 72659:GOICEA, 72668:CÂRNA, 72686:GOIEŞTI, 72695:ADÂNCAT A, 72702: FÂNTÂNI, 72711: GRUIȚA, 72720: MÃLÃEȘTI, 72739: MOGOȘEȘTI, 72748: MUERENI, 72757: PIOREȘTI, 72766: POMETEȘTI, 72775: P OPEASA, 72784: TANDÃRA, 72793: VLADIMIR, 72800: ZLÃTARI, 72828: GRECEŞTI, 72837: BÃRBOI, 72846: BUSU, 72855: BUSULEŢU, 72864: G RÃDIŞTEA, 72873: GROPANELE, 72891: IZVOARE, 72908: CORLATE, 72917: DOMNU TUDOR, 72935: LEU, 72944: ZÃNOAGA, 72962: LIPOVU, 72 971:LIPOVU DE SUS, 72999:MÃCEŞU DE JOS, 73004:SÃPATA, 73022:MÃCEŞU DE SUS, 73040:MAGLAVIT, 73059:HUNIA, 73077:MALU MAR E, 73086: GHINDENI, 73095: PREAJBA, 73111: MELINEŞTI, 73120: BODĂIEŞTI, 73139: BODĂIEŞTII DE SUS, 73148: GODENI, 73157: MUIERUŞU , 73166:NEGOIEŞTI, 73175:ODOLENI, 73184:OHABA, 73193:PLOŞTINA, 73200:POPEŞTI, 73219:SPINENI, 73228:VALEA MARE, 73237:VALE A MUIERII DE JOS, 73255: MISCHII, 73264: CÃLINEȘTI, 73273: GOGOȘEȘTI, 73282: MLECÂNEȘTI, 73291: MOTOCI, 73308: URECHEȘTI, 73326: MÂRŞANI, 73344:MOŢÃŢEI, 73353:DOBRIDOR, 73362:MOŢÃŢEI GARÃ, 73380:BALOTA DE JOS, 73399:BALOTA DE SUS, 73406:BUŞTENI, 73 415: GAIA, 73424: MURGAŞI, 73433: PICÃTURILE, 73442: RUPTURILE, 73451: VELESTI, 73479: NEGOI, 73488: CATANE, 73497: CATANELE NOI, 73512: ORODEL, 73521: BECHET, 73530: CÃLUGÃREI, 73549: CORNU, 73558: TEIU, 73576: OSTROVENI, 73585: LIŞTEAVA, 73601: PERIŞOR, 73 610: MÃRÃCINELE, 73638: PIELEŞTI, 73647: CÂMPENI, 73656: LÂNGA, 73674: PISCU VECHI, 73683: GHIDICI, 73692: PISCULEŢ, 73718: PLENIŢ A, 73727: CASTRELE TRAIANE, 73745: POIANA MARE, 73754: TUNARII NOI, 73763: TUNARII VECHI, 73781: PREDEȘTI, 73790: BUCICANI, 7380 7:CÂRSTOVANI, 73816:FRASIN, 73825:MILOVAN, 73834:PLEŞOI, 73843:PREDEŞTII MICI, 73861:RADOVAN, 73870:FÂNTÂNELE, 73889:ÎNT ORSURA, 73898:TÂRNAVA, 73914:RAST, 73932:ROBÃNEŞTII DE JOS, 73941:BOJOIU, 73950:GOLFIN, 73969:LÃCRIŢA MARE, 73978:LÃCRIŢA MICÃ, 73987: ROBÂNEŞTII DE SUS, 74000: SADOVA, 74019: PISCU SADOVEI, 74037: SÃLCUŢA, 74046: MÂRZA, 74055: PLOPŞOR, 74064: TENC ÃNÃU, 74082:SCÃEŞTI, 74091:VALEA LUI PÃTRU, 74117:SEACA DE CÂMP, 74126:PISCU NOU, 74144:SEACA DE PÃDURE, 74153:RÃCHITA D E SUS, 74162: VELENI, 74180: SECU, 74199: COMÂNICEA, 74206: SMADOVICIOARA DE SECU, 74215: ŞUMANDRA, 74233: SILIŞTEA CRUCII, 74

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251:SOPOT, 74260:BAŞCOV, 74279:BELOT, 74288:CERNAT, 74297:PERENI, 74304:PIETROAIA, 74313:SÂRSCA, 74331:TEASC, 74340:SECU I, 74368:TERPEZIȚA, 74377:CÃRUIA, 74386:CÃCIULATU, 74395:FLORAN, 74402:LAZU, 74420:TESLUI, 74439:COŞERENI, 74448:FÂNTÂNEL E, 74457 : PREAJBA DE JOS, 74466 : PREAJBA DE PÃDURE, 74475 : ŢÃRŢÃL, 74484 : URIENI, 74493 : VIIŞOARA MOŞNENI, 74518 : ŢUGLUI, 74527 : JI UL, 74545: UNIREA, 74563: URZICUŢA, 74572: URZICA MARE, 74590: VALEA STANCIULUI, 74607: HOREZU POENARI, 74625: VELA, 74634: BUC OVICIOR, 74643:CETÃŢUIA, 74652:DESNÃŢUI, 74661:GUBAUCEA, 74670:SEGLEŢ, 74689:SUHARU, 74698:ŞTIUBEI, 74714:VERBIŢA, 74723 : VERBICIOARA, 74741: VÂRTOP, 74769: VÂRVORU DE JOS, 74778: BUJOR, 74787: CIUTURA, 74796: CRIVA, 74803: DOBROMIRA, 74812: DRÃGO AIA, 74821:GABRU, 74830:VÂRVOR, 75105:GALAŢI, 75123:ŞENDRENI, 75132:MOVILENI, 75141:ŞERBEŞTII VECHI, 75169:VÂNÃTORI, 75178 :COSTI, 75187:ODAIA MANOLACHE, 75212:TECUCI, 75230:DRÃGÃNEŞTI, 75249:MALU ALB, 75267:MUNTENI, 75276:FRUNZEASCA, 75285 :NEGRILEŞTI, 75294:SLOBOZIA BLÂNEASA, 75301:ŢIGÂNEŞTI, 75310:UNGURENI, 75347:BEREŞTI, 75365:BEREŞTI-MERIA, 75374:ALDEŞTI, 75383:BALINTEŞTI, 75392:ONCIU, 75409:PLEŞA, 75418:PRODĂNEŞTI, 75427:PURICANI, 75436:SÃSENI, 75445:SLIVNA, 75454:ŞIPOTE, 75 481:TÂRGU BUJOR, 75490:MOSCU, 75506:UMBRÃREŞTI, 75524:BARCEA, 75533:PODOLENI, 75551:BÃLÃBÃNEŞTI, 75560:BURSUCANI, 755 79: CRUCEANU, 75588: LUNGEȘTI, 75597: RĂDEȘTI, 75604: ZIMBRU, 75622: BĂLĂŞEŞTI, 75631: CIUREȘTI, 75640: CIUREȘTII NOI, 75659: PUP EZENI, 75677:BÂLENI, 75695:BÂNEASA, 75702:ROŞCANI, 75720:BRANIŞTEA, 75739:LOZOVA, 75748:TRAIAN, 75757:VASILE ALECSANDRI, 75775:BRÃHÃŞEŞTI, 75784:CORCIOVENI, 75793:COSIŢENI, 75800:TOFLEA, 75828:BUCIUMENI, 75837:HÃNŢEŞTI, 75846:TECUCELU SEC, 7 5855:VIZUREŞTI, 75873:CAVADINEŞTI, 75882:COMÂNEŞTI, 75891:GÂNEŞTI, 75908:VÂDENI, 75926:CERŢEŞTI, 75935:CÂRLOMÂNEŞTI, 759 44:COTOROAIA, 75962:COROD, 75971:BLÂNZI, 75980:BRÃTULEŞTI, 75999:CÃRÃPCEŞTI, 76013:CORNI, 76022:MÃCIŞENI, 76031:URLEŞTI, 76059:COSMEŞTI, 76068:BÃLTÃREŢI, 76077:COSMEŞTII-VALE, 76086:FURCENII NOI, 76095:FURCENII VECHI, 76102:SATU NOU, 76120:CO STACHE NEGRI, 76148: CUCA, 76166: CUDALBI, 76184: DRÃGUŞENI, 76193: ADAM, 76200: CÃUIEŞTI, 76219: FUNDEANU, 76228: GHINGHEŞ TI, 76237:NICOPOLE, 76246:ŞTIEŢEŞTI, 76264:FÂRŢÃNEŞTI, 76273:VIILE, 76291:FOLTEŞTI, 76308:STOICANI, 76326:FRUMUŞIŢA, 76335:IJ DILENI, 76344: TÃMÃOANI, 76362: FUNDENII NOI, 76371: FUNDENI, 76380: HANU CONACHI, 76399: LUNGOCI, 76415: GHIDIGENI, 76424: G ARA GHIDIGENI, 76433: GEFU, 76442: GÂRBOVÃŢ, 76451: GURA GÂRBOVÃŢULUI, 76460: SLOBOZIA CORNI, 76479: TÃLPIGI, 76488: TÃPLÃU, 76503:GOHOR, 76512:GARA BERHECI, 76521:IREASCA, 76530:NÃRTEŞTI, 76549:POŞTA, 76567:GRIVIŢA, 76576:CÃLMÃŢUI, 76594:INDEPE NDENȚA, 76610:IVEȘTI, 76629:BUCEȘTI, 76647:JORĂȘTI, 76656:LUNCA, 76665:ZÃRNEȘTI, 76683:LIEȘTI, 76709:MATCA, 76727:MÃSTÃCA NI, 76736: CHIRAFTEI, 76754: MOVILENI, 76772: NÃMOLOASA, 76781: CRÂNGENI, 76790: NÃMOLOASA SAT, 76816: NICOREȘTI, 76825: BRÂN IŞTEA, 76834:COASTA LUPEI, 76843:DOBRINEŞTI, 76852:FÂNTÂNI, 76861:GROZÃVEŞTI, 76870:IONÃŞEŞTI, 76889:MĀLURENI, 76898:PISC U CORBULUI, 76905: POIANA, 76914: SÂRBI, 76923: VIŞINA, 76941: OANCEA, 76950: SLOBOZIA OANCEA, 76978: PECHEA, 76987: LUPELE, 77 000:PISCU, 77019:VAMEŞ, 77037:PRIPONEŞTI, 77046:CIORÃŞTI, 77055:HUŞTIU, 77064:LIEŞTI, 77073:PRIPONEŞTII DE JOS, 77091:REDIU, 77108: PLEVNA, 77117: SUHURLUI, 77135: SCÂNTEIEȘTI, 77144: FÂNTÂNELE, 77162: SCHELA, 77171: NEGREA, 77199: SLOBOZIA CONACHI, 7 7206: CUZA VODÃ, 77215: IZVOARELE, 77233: SMÂRDAN, 77242: CIŞMELE, 77251: MIHAIL KOGÃLNICEANU, 77279: SMULŢI, 77297: SUCEVEN I, 77304:ROGOJENI, 77322:TUDOR VLADIMIRESCU, 77340:TULUCEŞTI, 77359:ŞIVIŢA, 77368:TÃTARCA, 77386:ŢEPU, 77395:ŢEPU DE SUS, 77411:UMBRÃREŞTI, 77420:CONDREA, 77439:SALCIA, 77448:SILIŞTEA, 77457:TORCEŞTI, 77466:UMBRÃREŞTI-DEAL, 77484:VALEA MÃRUL UI, 77493:MÂNDREŞTI, 77518:VÂRLEZI, 77527:CRĂIEŞTI, 77545:VLĂDEŞTI, 77554:BRĂNEŞTI, 77821:TÂRGU JIU, 77830:BÂRSEŞTI, 77849:D RÃGOENI, 77858:IEZURENI, 77867:POLATA, 77876:PREAJBA MARE, 77885:ROMANEŞTI, 77894:SLOBOZIA, 77901:URSAŢI, 77929:BÃLEŞTI, 77938:CEAURU, 77947:CORNEŞTI, 77956:GÃVÃNEŞTI, 77965:RASOVA, 77974:STOLOJANI, 77983:TÃLPÃŞEŞTI, 77992:TÃMÃŞEŞTI, 78007:V OINIGEŞTI, 78025:DRÃGUŢEŞTI, 78034:CÂRBEŞTI, 78043:DÂMBOVA, 78052:IAŞI-GORJ, 78061:TÂLVEŞTI, 78070:URECHEŞTI, 78098:TURCI NEȘTI, 78105: CARTIU, 78114: HOREZU, 78123: RUGI, 78150: MOTRU, 78169: DEALU POMILOR, 78178: HORĂȘTI, 78187: ÎNSURĂȚEI, 78196: L EURDA, 78203: PLOŞTINA, 78212: LUPOIŢA, 78221: ROŞIUŢA, 78230: RÂPA, 78267: NOVACI, 78276: BERCEŞTI, 78285: HIRIŞEŞTI, 78294: POCI OVALIŞTEA, 78301:SITEŞTI, 78338:TÂRGU CÃRBUNEŞTI, 78347:BLAHNIŢA DE JOS, 78356:CÃRBUNEŞTI-SAT, 78365:COJANI, 78374:CREŢEŞ TI, 78383:CURTEANA, 78392:FLOREŞTENI, 78409:MÃCEŞU, 78418:POJOGENI, 78427:ROGOJENI, 78436:ŞTEFĀNEŞTI, 78463:ŢICLENI, 78481 :ALBENI, 78490:BÂRZEIU DE GILORT, 78506:BOLBOCEŞTI, 78515:DOSENI, 78524:MIROSLOVENI, 78533:PRUNEŞTI, 78551:ALIMPEŞTI, 785 60:CIUPERCENII DE OLTEŢ, 78579:CORŞORU, 78588:NISTOREŞTI, 78597:SÂRBEŞTI, 78613:ANINOASA, 78622:BOBAIA, 78631:COSTEŞTI, 7 8640:GROŞEREA, 78659:STERPOAIA, 78677:ARCANI, 78686:CÂMPOFENI, 78695:SÃNÃTEŞTI, 78702:STROIEŞTI, 78720:BAIA DE FIER, 78739 :CERNÃDIA, 78757:VOITEŞTII DIN VALE, 78766:BĂLÂNEŞTI, 78775:BLIDARI, 78784:CÂNEPEŞTI, 78793:GLODENI, 78800:OHABA, 78819:V OITEŞTII DIN DEAL, 78837: BÃRBÃTEŞTI, 78846: MUSCULEŞTI, 78855: PETREŞTI, 78864: SOCU, 78882: BENGEŞTI, 78891: BÃLCEŞTI, 78908: B IRCII, 78917: CIOCADIA, 78935: BERLEŞTI, 78944: BÂRZEIU, 78953: GÂLCEŞTI, 78962: LIHULEŞTI, 78971: PÂRÂU VIU, 78980: SCRADA, 78999: SCURTU, 79013: BÂLTENI, 79022: COCORENI, 79031: MOI, 79040: PEŞTEANA JIU, 79059: ROVINARI, 79068: VLÃDULENI, 79086: BOLBOŞI, 790 95:BĂLÃCEŞTI, 79102:BOLBOASA, 79111:IGIROSU, 79120:MICLOSU, 79139:OHABA JIU, 79148:VALEA, 79166:BORÃSCU, 79175:BANIU, 79 184:CALAPÃRU, 79193:GURA MENŢI, 79200:MENŢII DIN DOS, 79219:MILUTA, 79228:SCORUŞU, 79246:BRÃNEŞTI, 79255:BÃDEŞTI, 79264 :BREBENEI, 79273:CAPU DEALULUI, 79282:GILORTU, 79291:PÂRÂU, 79317:BUMBEŞTI-JIU, 79326:CURTIŞOARA, 79335:LÃZÃREŞTI, 79344: PLEŞA, 79353:TETILA, 79371:BUMBEŞTI-PIŢIC, 79380:CÂRLIGEI, 79399:POIENARI, 79415:BUSTUCHIN, 79424:CIONŢI, 79433:MOTORGI, 7 9442:NÃMETE, 79451:POIENIȚA, 79460:POIANA SECIURI, 79479:POJARU, 79488:VALEA POJARULUI, 79503:CÃPRENI, 79512:ALUNIŞ, 79521 :BRĂTEŞTI, 79530:BULBUCENI, 79549:CETATEA, 79558:CORNETU, 79567:DEALU SPIREI, 79576:SATU NOU, 79594:CÂTUNELE, 79601:DEA LU VIILOR, 79610:LUPOAIA, 79629:STEIC, 79638:VALEA MÂNĂSTIRII, 79647:VALEA PERILOR, 79665:CIUPERCENI, 79674:BOBOIEȘTI, 79683 :PEȘTEANA VULCAN, 79692:PRIPORU, 79709:STRÂMBA VULCAN, 79718:VÂRTOPU, 79727:ZORZILA, 79745:CÂLNIC, 79754:CÂLNICU DE SU S, 79763:DIDILEŞTI, 79772:GÃLEŞOAIA, 79781:HODOREASCA, 79790:PIEPTANI, 79807:PINOASA, 79816:STEJEREI, 79825:VÂLCEAUA, 7984 3:CRASNA, 79852:ANINIŞU DIN DEAL, 79861:ANINIŞU DIN VALE, 79870:BUZEŞTI, 79889:CÃRPINIŞ, 79898:CRASNA DIN DEAL, 79905:DRÃ GOIEȘTI, 79914: DUMBRÃVENI, 79923: RADOȘI, 79941: CRUȘET, 79950: BOJINU, 79969: MARINEȘTI, 79978: MÃIAG, 79987: MIEREA, 79996: MIERICEAUA, 80007: SLÃMNEŞTI, 80016: SLÃVUŢA, 80025: URDA DE JOS, 80034: VÃLUŢA, 80052: DÃNCIULEŞTI, 80061: BIBULEŞTI, 80070: H ÃLÃNGEŞTI, 80089: OBÂRŞIA, 80098: PETRÃCHEI, 80105: RÃDINEŞTI, 80114: ZÃICOIU, 80132: DÃNEŞTI, 80141: BARZA, 80150: BOTOROGI, 80 169:BRÃTUIA, 80178:BUCUREASA, 80187:MERFULEŞTI, 80196:ŞASA, 80203:TROCANI, 80212:ŢÂRCULEŞTI, 80221:UNGURENI, 80230:VÃC AREA, 80258: DRÃGOTEŞTI, 80267: COROBÃI, 80276: TRESTIOARA, 80294: FÃRCÃŞEŞTI, 80301: FÃRCÃŞEŞTI MOŞNENI, 80310: PEŞTEANA DE J OS, 80329:ROGOJEL, 80338:ROŞIA JIU, 80347:TIMIŞENI, 80356:VALEA CU APÃ, 80374:IORMÃNEŞTI, 80383:CÃMUIEŞTI, 80392:CLEŞNEŞTI, 80409:GLOGOVA, 80418:OLTEANU, 80436:GODINEŞTI, 80445:ARJOCI, 80454:CHILIU, 80463:CÂLCEŞTI, 80472:PÂRÂU DE PRIPOR, 80481:P ÂRÂU DE VALE, 80490:RÃTEZ, 80515:HUREZANI, 80524:BUSUIOCI, 80533:PEGENI, 80542:PLOPU, 80551:TOTEA DE HUREZANI, 80579:ION EŞTI, 80588:GURA ŞUŞIŢEI, 80597:ILIEŞTI, 80604:PICU, 80622:JUPÂNEŞTI, 80631:BOIA, 80640:PÂRÂU BOIA, 80659:VIDIN, 80668:VIERŞA NI, 80686: LELEŞTI, 80695: FRÃTEŞTI, 80702: RASOVIŢA, 80720: LICURICI, 80739: FRUMUŞEI, 80748: NEGRENI, 80757: TOTEA, 80775: TÂRGU LOGRESTI, 80784: COLTESTI, 80793: FRUNZA, 80800: LOGRESTI MOSTENI, 80819: MÃRU, 80828: POPESTI, 80837: SEACA, 80855: MÃTÃSARI, 80864:BRÃDET, 80873:BRÃDEŢEL, 80882:CROICI, 80891:RUNCUREL, 80917:MUŞETEŞTI, 80926:ARŞENI, 80935:BÂRCACIU, 80944:GÃMAN I, 80953:GRUI, 80962:STÃNCEŞTI, 80971:STÃNCEŞTI LARGA, 80999:NEGOMIR, 81004:ARTANU, 81013:BOHOREL, 81022:CONDEIEŞTI, 810 31: NUCETU, 81040: ORZU, 81059: PALTINU, 81068: RACI, 81077: URSOAIA, 81086: VALEA RACILOR, 81102: CÃLUGÃRENI, 81111: APA NEAGR Ã, 81120: CERNA-SAT, 81139: CLOŞANI, 81148: MOTRU SEC, 81157: ORZEŞTI, 81166: PADEŞ, 81175: VÃIENI, 81193: PEŞTIŞANI, 81200: BORO ŞTENI, 81219:BRÃDICENI, 81228:FRÂNCEŞTI, 81237:GURENI, 81246:HOBIŢA, 81255:SEUCA, 81273:PLOPŞORU, 81282:BROŞTENI, 81291: BROŞTENII DE SUS, 81308: CEPLEA, 81317: CURSARU, 81326: DELENI, 81335: IZVOARELE, 81344: OLARI, 81353: PISCURI, 81362: SÃRDÃNEŞTI , 81371:VÃLENI, 81399:POLOVRAGI, 81406:RACOVIŢA, 81424:PRIGORIA, 81433:BUCŞANA, 81442:BURLANI, 81451:CÂLUGÂREASA, 81460: DOBRANA, 81479: NEGOIEȘTI, 81488: ZORLEȘTI, 81503: ROȘIA DE AMARADIA, 81512: BECHENI, 81521: DEALU VIEI, 81530: RUGET, 81549: S ECIURILE, 81558:STEJARU, 81567:ŞITOAIA, 81585:RUNCU, 81594:BÂLTA, 81601:BÂLTIŞOARA, 81610:DOBRIŢA, 81629:RÃCHIŢI, 81638:SU SENI, 81647: VALEA MARE, 81665: SAMARINEŞTI, 81674: BÃZÃVANI, 81683: BOCA, 81692: DUCULEŞTI, 81709: LARGA, 81718: ŢIRIOI, 81727:

APPENDIX B — CATEGORIES 58 / 74

VALEA BISERICII, 81736: VALEA MICÃ, 81745: VALEA POIENII, 81763: SÃCELU, 81772: BLAHNIȚA DE SUS, 81781: HÃIEȘTI, 81790: JERIȘTEA, 81 807: MAGHEREŞTI, 81825: SÃULEŞTI, 81834: BIBEŞTI, 81843: DOLCEŞTI, 81852: PURCARU, 81870: SCOARŢA, 81889: BOBU, 81898: BUDIENI, 81905: CERÃTU DE COPÃCIOASA, 81914: CÂMPU MARE, 81923: COLIBAŞI, 81932: COPÃCIOASA, 81941: LAZURI, 81950: LINTEA, 81969: MOG OŞANI, 81978: PIŞTEŞTII DIN DEAL, 81996: SÂMBOTIN, 82001: ARSURI, 82010: GORNÃCEL, 82029: PÃJIŞTELE, 82038: SCHELA, 82056: SLIVILE ŞTI, 82065:COJMÂNEŞTI, 82074:MICULEŞTI, 82083:ŞTIUCANI, 82092:STRÂMTU, 82109:SURA, 82118:ŞIACU, 82127:TEHOMIR, 82145:STÂ NESTI, 82154: ALEXENI, 82163: BÃLANI, 82172: CÃLESTI, 82181: CURPEN, 82190: MÃZÃROI, 82207: OBREIA, 82216: PÂRVULESTI, 82225: VAID EI, 82234: VÃLARI, 82252: STEJARI, 82261: BALOŞANI, 82270: BÃCEŞTI, 82289: DEALU LEULUI, 82298: PISCOIU, 82305: POPEŞTI STEJARI, 8232 3:STOINA, 82332:CIORARI, 82341:MIELUŞEI, 82350:PÃIŞANI, 82369:TOIAGA, 82378:ULMET, 82387:URDA DE SUS, 82403:TELEŞTI, 82412: BUDUHALA, 82421: \$OMÃNE\$TI, 82449: TISMANA, 82458: CELEI, 82467: COSTENI, 82476: GORNOVIŢA, 82485: ISVARNA, 82494: POCRUIA, 82 500: RACOŢI, 82519: SOHODOL, 82528: TOPEŞTI, 82537: VÂLCELE, 82546: VÂNATA, 82564: TURBUREA, 82573: COCOROVA, 82582: POIANA, 8 2591:SPAHII, 82608:ŞIPOTU, 82626:TURCENI, 82635:GÂRBOVU, 82644:JILŢU, 82653:MURGEŞTI, 82662:STRÂMBA JIU, 82671:VALEA VIEI, 82699: ŢÂNŢÃRENI, 82706: ARPADIA, 82715: CHICIORA, 82724: FLOREŞTI, 82742: URDARI, 82751: FÂNTÂNELE, 82760: HOTÃROASA, 82788: V ÃGIULEŞTI, 82797:CÂRCIU, 82804:COVRIGI, 82813:MURGILEŞTI, 82822:VALEA MOTRULUI, 82840:ANDREEŞTI, 82859:FRASIN, 82868:VALE A DEŞULUI, 82877: VLADIMIR, 82902: VÂRT, 83142: ODORHEIU SECUIESC, 83160: BRÃDEŞTI, 83179: TÂRNOVIŢA, 83188: SATU MARE, 83204: FELICENI, 83213: ALEXANDRIȚA, 83222: ARVÃŢENI, 83231: CIREȘENI, 83240: FORŢENI, 83259: HOGHIA, 83268: OŢENI, 83277: POLONIȚA, 832 86:TÃURENI, 83295:TELEAC, 83302:VÃLENI, 83339:MIERCUREA CIUC, 83348:CIBA, 83357:HARGHITA-BÃI, 83366:JIGODIN-BÃI, 83384:PÃ ULENI-CIUC, 83393: DELNITA, 83400: SOIMENI, 83437: BÃILE TUSNAD, 83446: CARPITUS, 83473: BÃLAN, 83507: BORSEC, 83534: CRISTURU SECUIESC, 83543: FILIAŞ, 83570: GHEORGHENI, 83589: COVACIPETER, 83598: LACU ROŞU, 83605: VARGATAC, 83614: VISAFOLIO, 83641: TOP LIȚA, 83650: CĂLIMÂNEL, 83669: LUNCANI, 83678: MĂGHERUŞ, 83687: MOGLÂNEŞTI, 83696: SECU, 83703: VALE, 83712: VÂGANI, 83721: ZE NCANI, 83758: VLÃHITA, 83767: BÃILE HOMOROD, 83776: MINELE LUETA, 83794: ATID, 83801: CRIŞENI, 83810: CUŞMED, 83829: INLÃCENI, 8 3838:ŞICLOD, 83856:AVRÃMEŞTI, 83865:ANDREENI, 83874:CECHEŞTI, 83883:GOAGIU, 83892:FIRTÃNUŞ, 83909:LAZ-FIRTÃNUŞ, 83918:LA Z-ŞOIMUŞ, 83927: MEDIŞORU MIC, 83945: BILBOR, 83954: RÃCHITIŞ, 83972: CÃPÂLNIŢA, 83990: CIUCSÂNGEORGIU, 84004: ARMÂŞENI, 8401 3:ARMÃŞENII NOI, 84022:BANCU, 84031:CIOBÃNIŞ, 84040:COTORMANI, 84059:EGHERSEC, 84068:GHIURCHE, 84077:POTIOND, 84095:C IUMANI, 84111:CÂRŢA, 84120:INEU, 84139:TOMEŞTI, 84157:CORBU, 84166:CAPU CORBULUI, 84184:CORUND, 84193:ATIA, 84200:CALO NDA, 84219: FÂNTÂNA BRAZILOR, 84228: VALEA LUI PAVEL, 84246: DÃNEŞTI, 84255: MÃDÃRAŞ, 84273: DEALU, 84282: FÂNCEL, 84291: SÂNC RAI, 84308:TÃMAŞU, 84317:TIBOD, 84326:ULCANI, 84335:VALEA ROTUNDÃ, 84353:DITRÃU, 84362:JOLOTCA, 84371:ŢENGHELER, 84399: DÂŖJIU, 84406: MUJNA, 84424: FRUMOASA, 84433: BÂRZAVA, 84442: FÃGEŢEL, 84451: NICOLEŞTI, 84479: GÃLÃUŢAŞ, 84488: DEALU ARMAN ULUI, 84497:GÃLÃUŢAŞ-PÂRÂU, 84503:NUŢENI, 84512:PLOPIŞ, 84521:PRELUCA, 84530:TOLEŞENI, 84549:ZÃPODEA, 84567:JOSENI, 84576 :BORZONT, 84585:BUCIN, 84601:LÃZAREA, 84610:GHIDUŢ, 84638:LUETA, 84647:BÃILE CHIRUI, 84665:LUNCA DE JOS, 84674:BARAŢCOŞ, 84683: POIANA FAGULUI, 84692: PUNTEA LUPULUI, 84709: VALEA LUI ANTALOC, 84718: VALEA BOROŞ, 84727: VALEA CAPELEI, 84736: VALEA ÎNTUNECOASĂ, 84745:VALEA RECE, 84763:LUNCA DE SUS, 84772:COMIAT, 84781:IZVORUL TROTUŞULUI, 84790:PÃLTINIŞ-CIUC, 84807:VA LEA GÂRBEA, 84816: VALEA UGRA, 84834: LUPENI, 84843: BISERICANI, 84852: BULGÃRENI, 84861: FIRTUŞU, 84870: MORÃRENI, 84889: PÃLTI NIŞ, 84898: PÃULENI, 84905: SATU MIC, 84914: SÂNCEL, 84932: MÃRTINIŞ, 84941: ALDEA, 84950: BÃDENI, 84969: CÃLUGÃRENI, 84978: CHI NUŞU, 84987:COMÂNEŞTI, 84996:GHIPEŞ, 85001:LOCODENI, 85010:ORÂŞENI, 85029:PETRENI, 85038:RAREŞ, 85047:SÂNPAUL, 85065:ME REŞTI, 85083: MIHÂILENI, 85092: LIVEZI, 85109: NÂDEJDEA, 85118: VÃCÂREŞTI, 85136: MUGENI, 85145: ALUNIŞ, 85154: BETA, 85163: BETEŞ TI, 85172: DEJUȚIU, 85181: DOBENI, 85190: LUTIȚA, 85207: MÃTIȘENI, 85216: PORUMBENII MARI, 85225: PORUMBENII MICI, 85234: TÃIETU RA, 85252:OCLAND, 85261:CRÃCIUNEL, 85270:SATU NOU, 85298:PLÃIEŞII DE JOS, 85305:CASINU NOU, 85314:IACOBENI, 85323:IMPER, 8 5332: PLÃIEŞII DE SUS, 85350: PRAID, 85369: BECAŞ, 85378: BUCIN, 85387: OCNA DE JOS, 85396: OCNA DE SUS, 85403: ŞAŞVEREŞ, 85421: RE METEA, 85430: FÃGEŢEL, 85449: MARTONCA, 85458: SINEU, 85476: SÃCEL, 85485: ŞOIMUŞU MARE, 85494: ŞOIMUŞU MIC, 85500: UILAC, 85 519:VIDACUT, 85537:SÃRMAŞ, 85546:FUNDOAIA, 85555:HODOŞA, 85564:PLATONEŞTI, 85573:RUNC, 85591:SECUIENI, 85608:BODOGAI A, 85617: ELISENI, 85635: SICULENI, 85644: CIARACIO, 85653: CICEU, 85662: RACU, 85671: GÂRCIU, 85699: SÂNCRĂIENI, 85706: FITOD, 8571 5: HOSASÃU, 85724: LELICENI, 85733: MISENTEA, 85742: SÂNTIMBRU, 85751: SÂNTIMBRU-BÃI, 85779: SÂNDOMINIC, 85797: SÂNMARTIN, 8 5804: CIUCANI, 85813: COZMENI, 85822: LÃZÃREŞTI, 85831: VALEA UZULUI, 85859: SÂNSIMION, 85868: CETÃŢUIA, 85886: SUBCETATE, 858 95: CĂLNACI, 85902: DUDA, 85911: FILPEA, 85939: SUSENI, 85948: CHILENI, 85957: LIBAN, 85966: SENETEA, 85975: VALEA STRÂMBÃ, 85993 :\$IMONE\$TI, 86008:BENŢID, 86017:CÃDACIU MARE, 86026:CÃDACIU MIC, 86035:CEHEŢEL, 86044:CHEDIA MARE, 86053:CHEDIA MICÃ, 8 6062:COBÃTEŞTI, 86071:MEDIŞORU MARE, 86080:MIHÃILENI, 86099:NICOLENI, 86106:RUGÃNEŞTI, 86115:TÃRCEŞTI, 86124:TURDENI, 86 142:TULGHEŞ, 86151:HAGOTA, 86160:PINTIC, 86179:RECEA, 86197:TUŞNAD, 86204:TUŞNADU NOU, 86213:VRABIA, 86231:ULIEŞ, 86240 :DAIA, 86259:IAŞU, 86268:IGHIU, 86277:NICOLEŞTI, 86286:OBRÂNEŞTI, 86295:PETECU, 86302:VASILENI, 86320:VÂRŞAG, 86348:VOŞLÂB ENI, 86357:IZVORU MUREŞULUI, 86375:ZETEA, 86384:DESAG, 86393:IZVOARE, 86400:POIANA TÂRNAVEI, 86419:ŞICASÃU, 86428:SUB CE TATE, 86696: DEVA, 86703: SÂNTUHALM, 86712: ARCHIA, 86721: BÂRCEA MICÃ, 86730: CRISTUR, 86758: CÂRJIŢI, 86767: ALMAŞU SEC, 86776 :CHERGHEŞ, 86785:COZIA, 86794:POPEŞTI, 86829:HUNEDOARA, 86838:RÃCÃŞTIA, 86847:BOŞ, 86856:GROŞ, 86865:HÃŞDAT, 86874:PEŞ TIŞU MARE, 86892: GHELARI, 86909: GOVÃJDIA, 86918: PLOP, 86927: RUDA, 86945: TELIUCU INFERIOR, 86954: CINCIŞ-CERNA, 86963: IZVOAR ELE, 86972:TELIUCU SUPERIOR, 87004:PETROŞANI, 87013:DÂLJA MARE, 87022:DÂLJA MICÃ, 87031:PEŞTERA, 87040:SLÃTINIOARA, 87068: LUPENI, 87086: PETRILA, 87095: CIMPA, 87102: JIET, 87111: RÃSCOALA, 87120: TIRICI, 87148: URICANI, 87157: CÂMPU LUI NEAG, 87166: VAL EA DE BRAZI, 87184: VULCAN, 87193: DEALU BABII, 87200: JIU-PAROȘENI, 87228: ANINOASA, 87237: ISCRONI, 87255: BÂNIȚA, 87264: CRIVA DIA, 87273: MERIŞOR, 87308: BRAD, 87317: MESTEACÂN, 87326: POTINGANI, 87335: RUDA-BRAD, 87344: ȚÂRÂȚEL, 87353: VALEA BRADULUI , 87371:CRIŞCIOR, 87380:BARZA, 87399:VALEA ARSULUI, 87406:ZDRAPŢI, 87433:CÃLAN, 87442:STREISÂNGEORGIU, 87451:BATIZ, 87460: CÃLANU MIC, 87479: GRID, 87488: NÃDÃŞTIA DE JOS, 87497: NÃDÃŞTIA DE SUS, 87503: OHABA STREIULUI, 87512: SÂNCRAI, 87521: SÂNTÃ MÃRIA DE PIATRÃ, 87530:STREI, 87549:STREI-SÃCEL, 87558:VALEA SÂNGEORGIULUI, 87585:HAŢEG, 87594:NÃLAŢVAD, 87601:SILVAŞU DE JOS, 87610:SILVAŞU DE SUS, 87647:ORÃŞTIE, 87674:SIMERIA, 87683:BÂRCEA MARE, 87692:CÃRPINIŞ, 87709:SIMERIA VECHE, 87718:SÂN TANDREI, 87727:ŞÃULEŞTI, 87736:UROI, 87754:BAIA DE CRIŞ, 87763:BALDOVIN, 87772:CÃRACI, 87781:CÃRÃSTÃU, 87790:LUNCA, 87807 :RIŞCA, 87816:RIŞCULIŢA, 87825:ŢEBEA, 87834:VÃLENI, 87852:BALŞA, 87861:ALMAŞU MIC DE MUNTE, 87870:ARDEU, 87889:BUNEŞTI, 8 7898: GALBINA, 87905: MADA, 87914: OPRIŞEŞTI, 87923: POIANA, 87932: POIENIȚA, 87941: ROŞIA, 87950: STÃUINI, 87969: TECHEREU, 8797 8:VÃLISOARA, 87987:VOIA, 88001:BARU, 88010:LIVADIA, 88029:PETROS, 88038:VALEA LUPULUI, 88056:BÃCIA, 88065:PETRENI, 88074:T ÂMPA, 88083:TOTIA, 88109:BÃIȚA, 88118:BARBURA, 88127:CÃINELU DE SUS, 88136:CRÃCIUNEȘTI, 88145:FIZEȘ, 88154:HÃRŢÃGANI, 881 63:LUNCA, 88172:ORMINDEA, 88181:PEŞTERA, 88190:SÃLIŞTE, 88207:TRESTIA, 88225:BÃTRÂNA, 88234:FAŢA ROŞIE, 88243:PIATRA, 882 52: RÃCHITAUA, 88270: BERIU, 88289: CÃSTÃU, 88298: CUCUIS, 88305: MÃGURENI, 88314: ORÃSTIOARA DE JOS, 88323: POIENI, 88332: SERE CA, 88341:SIBIŞEL, 88369:BLĀJENI, 88378:BLĀJENI-VULCAN, 88387:CRIŞ, 88396:DRAGU-BRAD, 88403:GROŞURI, 88412:PLAI, 88421:REŢ, 8 8430:SÃLÃTRUC, 88458:BOŞOROD, 88467:ALUN, 88476:BOBAIA, 88485:CHITID, 88494:CIOCLOVINA, 88500:LUNCANI, 88519:PRIHODIŞT E, 88528: URSICI, 88537: TÂRSA, 88555: BRÃNIŞCA, 88564: BOZ, 88573: BÃRÃŞTII ILIEI, 88582: CÃBEŞTI, 88591: GIALACUTA, 88608: FURCŞO ARA, 88617: ROVINA, 88626: TÂRNAVA, 88635: TÂRNÃVIŢA, 88653: BRETEA ROMÂNÃ, 88662: BÃŢÃLAR, 88671: BERCU, 88680: BRETEA STREI ULUI, 88699:COVRAGIU, 88706:GÂNȚAGA, 88715:MÃCEU, 88724:OCOLIȘU MARE, 88733:PLOPI, 88742:RUŞI, 88751:VÂLCELE, 88760:VÂL CELELE BUNE, 88779: VÂLCELUŢA, 88797: BUCEŞ, 88804: BUCEŞ-VULCAN, 88813: DUPĂPIATRĂ, 88822: GROHOŢELE, 88831: MIHĂILENI, 888 40:STÃNIJA, 88859:TARNIȚA, 88877:BUCUREȘCI, 88886:CURECHIU, 88895:MERIŞOR, 88902:ROVINA, 88911:ŞESURI, 88939:BULZEȘTII DE SUS, 88948:BULZEŞTII DE JOS, 88957:GIURGEŞTI, 88966:GROHOT, 88975:PÃULEŞTI, 88984:RUSEŞTI, 88993:STÂNCULEŞTI, 89008:TICERA, 89017:TOMNATEC, 89035:BUNILA, 89044:ALUN, 89053:CERNIŞOARA FLORESE, 89062:POIENIŢA VOINII, 89071:VADU DOBRII, 89099:BURJ UC, 89106:BRÃDÃŢEL, 89115:GLODGHILEŞTI, 89124:PETREŞTI, 89133:TÃTÃRÃŞTI, 89142:TISA, 89160:CERBÃL, 89179:ARÃNIEŞ, 89188:FE

APPENDIX B — CATEGORIES 59 / 74

REGI, 89197: MERIŞORU DE MUNTE, 89204: POIENIŢA TOMII, 89213: POIANA RÃCHIŢELII, 89222: SOCET, 89231: ULM, 89259: CERTEJU DE SU S, 89268:BOCŞA MARE, 89277:BOCŞA MICÃ, 89286:HONDOL, 89295:MÃGURA-TOPLIŢA, 89302:NOJAG, 89311:SÃCÃRÂMB, 89320:TOPLIŢA MUREŞULUI, 89339: VĀRMAGA, 89357: DENSUŞ, 89366: CRIVA, 89375: HĀŢĀGEL, 89384: PEŞTEANA, 89393: PEŞTENIŢA, 89400: POIENI, 8941 9:ŞTEI, 89437: DOBRA, 89446: ABUCEA, 89455: BUJORU, 89464: FÃGEŢEL, 89473: LÃPUŞNIC, 89482: MIHÃIEŞTI, 89491: PANC, 89507: PANC-SÃLIŞTE, 89516:RÃDULEŞTI, 89525:ROŞCANI, 89534:STÂNCEŞTI, 89543:STÂNCEŞTI-OHABA, 89552:STRETEA, 89570:GEOAGIU, 89589:AU REL VLAICU, 89598: BACÂIA, 89605: BOZES, 89614: CIGMÃU, 89623: GELMAR, 89632: GEOAGIU-BÃI, 89641: HOMOROD, 89650: MERMEZEU-V ÃLENI, 89669: RENGHET, 89678: VÃLENI, 89696: GURASADA, 89703: BOIU DE JOS, 89712: BOIU DE SUS, 89721: CÃRMÃZÃNEȘTI, 89730: CÂM PURI DE SUS, 89749: CÂMPURI-SURDUC, 89758: DÃNULEȘTI, 89767: GOTHATEA, 89776: RUNCȘOR, 89785: ULIEȘ, 89794: VICA, 89810: HÃRÃ U, 89829: BANPOTOC, 89838: BÂRSÃU, 89847: CHIMINDIA, 89865: ILIA, 89874: BACEA, 89883: BRETEA MUREŞANÃ, 89892: BRÂZNIC, 89909: CUIEŞ, 89918: DUMBRÃVIŢA, 89927: SÃCÃMAŞ, 89936: SÂRBI, 89945: VALEA LUNGÃ, 89963: LÃPUGIU DE JOS, 89972: BAŞTEA, 89981: COSEŞ TI, 89990:FINTOAG, 90002:GRIND, 90011:HOLDEA, 90020:LÃPUGIU DE SUS, 90039:LÃSÃU, 90048:OHABA, 90057:TEIU, 90075:LELESE, 90 084:CERIŞOR, 90093:RUNCU MARE, 90100:SOHODOL, 90128:LUNCA CERNII DE JOS, 90137:CIUMIȚA, 90146:FÂNTÂNA, 90155:GURA BORD ULUI, 90164:LUNCA CERNII DE SUS, 90173:MERIA, 90182:NEGOIU, 90191:VALEA BABII, 90217:LUNCOIU DE JOS, 90226:DUDEŞTI, 90235:L UNCOIU DE SUS, 90244: PODELE, 90253: STEJÃREL, 90271: MÃRTINEŞTI, 90280: DÂNCU MARE, 90299: DÂNCU MIC, 90306: JELEDINŢI, 90315 : MÃGURA, 90324: TÃMÃŞASA, 90333: TURMAŞ, 90351: ORÃŞTIOARA DE SUS, 90360: BUCIUM, 90379: COSTEŞTI, 90388: COSTEŞTI-DEAL, 90 397: GRÃDIŞTEA DE MUNTE, 90404: LUDEŞTII DE JOS, 90413: LUDEŞTII DE SUS, 90422: OCOLIŞU MIC, 90440: PESTIŞU MIC, 90459: ALMAŞU MIC, 90468: CIULPÃZ, 90477: CUTIN, 90486: DUMBRAVA, 90495: JOSANI, 90501: MÃNERÃU, 90510: NANDRU, 90529: VALEA NANDRULUI, 905 47:PUI, 90556:BÃIEŞTI, 90565:FEDERI, 90574:FIZEŞTI, 90583:GALAŢI, 90592:HOBIŢA, 90609:OHABA-PONOR, 90618:PONOR, 90627:RÂU BÃRBAT, 90636: RUŞOR, 90645: ŞEREL, 90654: URIC, 90672: RAPOLTU MARE, 90681: BOBÂLNA, 90690: BOIU, 90707: FOLT, 90716: RAPOLTEL, 90734: RÃCHITOVA, 90743: BOITA, 90752: CIULA MARE, 90761: CIULA MICÃ, 90770: GOTEŞTI, 90789: MESTEACÂN, 90798: VÂLIOARA, 90814 : RIBIȚA, 90823: CRIȘAN, 90832: DUMBRAVA DE JOS, 90841: DUMBRAVA DE SUS, 90850: RIBICIOARA, 90869: UIBÂREȘTI, 90887: RÂU DE MOR I, 90896: BRAZI, 90903: CLOPOTIVA, 90912: OHABA-SIBISEL, 90921: OSTROV, 90930: OSTROVEL, 90949: OSTROVU MIC, 90958: SIBISEL, 90967 :SUSENI, 90976:UNCIUC, 90985:VALEA DÂLJII, 91009:ROMOS, 91018:CIUNGU MARE, 91027:PIŞCHINŢI, 91036:ROMOŞEL, 91045:VAIDEI, 91063:SARMIZEGETUSA, 91072:BREAZOVA, 91081:HOBIŢA-GRÃDIŞTE, 91090:PÃUCINEŞTI, 91107:ZEICANI, 91125:SÃLAŞU DE SUS, 91134 :COROIEȘTI, 91143:MÃLĂIEȘTI, 91152:NUCȘOARA, 91161:OHABA DE SUB PIATRÃ, 91170:PAROȘ, 91189:PEȘTERA, 91198:RÂU ALB, 91205 :RÂU MIC, 91214:SÃLAŞU DE JOS, 91223:ZÃVOI, 91241:SÂNTÃMÃRIA-ORLEA, 91250:BALOMIR, 91269:BÃRÃŞTII HAŢEGULUI, 91278:BUCIU M-ORLEA, 91287:CIOPEIA, 91296:SÃCEL, 91303:SÂNPETRU, 91312:SUBCETATE, 91321:VADU, 91349:ŞOIMUŞ, 91358:BÃLATA, 91367:BOH OLŢ, 91376: BEJAN, 91385: BEJAN-TÂRNÃVIŢA, 91394: CÃINELU DE JOS, 91401: CHIŞCÃDAGA, 91410: FORNÃDIA, 91429: PÃULIŞ, 91438: SULI GHETE, 91456:TOMEŞTI, 91465:DOBROŢ, 91474:LEAUŢ, 91483:LIVADA, 91492:OBÂRŞA, 91508:STEIA, 91517:TIULEŞTI, 91526:VALEA MAR E DE CRIŞ, 91544:TOPLIŢA, 91553:CURPENII SILVAŞULUI, 91562:DEALU MIC, 91571:DÃBÂCA, 91580:GOLEŞ, 91599:HÃŞDÃU, 91606:MOS ORU, 91615: VÃLARI, 91633: TOTEȘTI, 91642: CÂRNEȘTI, 91651: COPACI, 91660: PÃCLIŞA, 91679: REEA, 91697: TURDAŞ, 91704: PRICAZ, 9171 3:RÂPAŞ, 91722:SPINI, 91740:GENERAL BERTHELOT, 91759:CRÃGUIŞ, 91768:FĂRCÃDIN, 91777:LIVEZI, 91786:TUŞTEA, 91802:VAŢA DE JO S, 91811: BASARABASA, 91820: BIRTIN, 91839: BROTUNA, 91848: CÃZÃNEŞTI, 91857: CIUNGANI, 91866: OCIU, 91875: OCIŞOR, 91884: PRÃV ÃLENI, 91893: PRIHODIȘTE, 91900: TÃTÃRÃȘTII DE CRIȘ, 91919: TÂRNAVA DE CRIȘ, 91928: VAȚA DE SUS, 91946: VÃLIȘOARA, 91955: DEALU MARE, 91964:SÃLIŞTIOARA, 91973:STOIENEASA, 91991:VEŢEL, 92006:BOIA BÂRZII, 92015:BRETELIN, 92024:CÃOI, 92033:HEREPEIA, 9204 2:LEŞNIC, 92051:MINTIA, 92060:MUNCELU MARE, 92079:MUNCELU MIC, 92088:RUNCU MIC, 92104:VORŢA, 92113:CERTEJU DE JOS, 9212 2:COAJA, 92131:DUMEŞTI, 92140:LUNCŞOARA, 92159:VALEA POIENII, 92168:VISCA, 92186:ZAM, 92195:ALMÃŞEL, 92202:ALMAŞ-SÃLIŞTE , 92211:BRÃŞEU, 92220:CERBIA, 92239:DELENI, 92248:GODINEŞTI, 92257:MICÃNEŞTI, 92266:POGÃNEŞTI, 92275:POJOGA, 92284:SÃLCIV A, 92293:TÃMÃŞEŞTI, 92300:VALEA, 92578:CÃLÃRAŞI, 92596:MODELU, 92612:RADU NEGRU, 92621:STOENEŞTI, 92630:TONEA, 92667:SL OBOZIA, 92676:BORA, 92685:SLOBOZIA NOUÃ, 92710:FETEŞTI, 92729:BULIGA, 92738:FETEŞTI-GARÃ, 92747:VLAŞCA, 92774:ȚÃNDÃREI, 9 2792:ALBEŞTI, 92809:BATALURI, 92818:BUEŞTI, 92827:MARSILIENI, 92845:AMARA, 92854:AMARA NOUÃ, 92881:ANDRÃŞEŞTI, 92890:OR BOEȘTI, 92916: BALACIU, 92925: COPUZU, 92934: CRÃSANII DE JOS, 92943: CRÃSANII DE SUS, 92952: SÃRÃŢENI, 92970: BORCEA, 92998: BO RDUŞANI, 93003:CEGANI, 93030:BUCU, 93058:OGRADA, 93076:CÃZÃNEŞTI, 93094:CIOCÃNEŞTI, 93110:CIOCHINA, 93129:BORDUŞELU, 9 3138: OREZU, 93147: PIERSICA, 93165: CIULNIŢA, 93174: ION GHICA, 93183: IVÃNEŞTI, 93192: POIANA, 93218: COCORA, 93227: COLELIA, 93 245:COSÂMBEŞTI, 93254:GIMBÃŞANI, 93263:MÃRCULEŞTI, 93290:CEACU, 93307:CÃLÃRAŞII VECHI, 93316:CUZA VODÃ, 93334:DICHISEN I, 93343:COSLOGENI, 93352:LIBERTATEA, 93361:SATNOENI, 93389:DOR MÃRUNT, 93398:DÂLGA, 93405:DÂLGA-GARÃ, 93414:ÎNFRÃŢIREA , 93423:OGORU, 93432:PELINU, 93450:DOROBANŢU, 93469:BO\$NEAGU, 93478:VÃRÃŞTI, 93496:DRAGALINA, 93502:CONSTANTIN BRÂNC OVEANU, 93511: DRAJNA NOUÃ, 93548: DRAGOŞ VODÃ, 93557: BOGDANA, 93566: SOCOALELE, 93584: FÃCÃENI, 93593: PROGRESU, 93619: GHEORGHE DOJA, 93637: GHEORGHE LAZÃR, 93655: GIURGENI, 93673: GRÃDIŞTEA, 93682: BOGATA, 93691: CUNEŞTI, 93708: RASA, 93726: GRINDU, 93744: GRIVITA, 93753: SMIRNA, 93762: TRAIAN, 93780: INDEPENDENTA, 93799: POTCOAVA, 93806: VISINII, 93824: IEGÂLIA, 93833 :GÂLDÃU, 93842:IEZERU, 93860:LEHLIU, 93879:SÃPUNARI, 93897:LEHLIU-GARÃ, 93904:BUZOENI, 93913:RÃZVANI, 93922:VALEA SEACÃ, 93940:LUPŞANU, 93959:NUCETU, 93968:PLEVNA, 93977:RADU VODÃ, 93986:VALEA RUSULUI, 94009: MIHAIL KOGÃLNICEANU, 94018:GU RA IALOMIŢEI, 94027: HAGIENI, 94036: LUCIU, 94054: MILOŞEŞTI, 94063: NICOLEŞTI, 94072: TOVÃRĀŞIA, 94090: MOVILA, 94116: MUNTENI-BUZÃU, 94134: NICOLAE BĂLCESCU, 94143: ALEXANDRU ODOBESCU, 94152: GĂLÃŢUI, 94170: PERIEŢI, 94189: FUNDATA, 94198: MISLEANU, 94205 : PÃLTINIŞU, 94214 : STEJARU, 94232 : PERIŞORU, 94241 : MÃRCULEŞTI-GARÃ, 94250 : TUDOR VLADIMIRESCU, 94278 : REVIGA, 94287 : CR UNȚI, 94296: MIRCEA CEL BÃTRÃN, 94303: ROVINE, 94321: ROSEȚI, 94349: SÃLCIOARA, 94367: RAŞI, 94385: SÃVENI, 94394: FRÃŢILEŞTI, 9440 1:LÃCUSTENI, 94410:PLATONEŞTI, 94438:SCÂNTEIA, 94447:IAZU, 94465:SFÂNTU GHEORGHE, 94474:BUTOIU, 94483:MALU, 94508:STEL NICA, 94517: MALTEZI, 94526: RETEZATU, 94544: SUDIŢI, 94553: GURA VĂII, 94571: ŞTEFAN CEL MARE, 94599: ŞTEFAN VODÃ, 94615: ULMU, 94624: CHIRNOGI, 94633: FÃUREI, 94642: ZIMBRU, 94660: UNIREA, 94679: OLTINA, 94697: VALEA CIORII, 94704: BUCŞA, 94713: DUMITREŞTI , 94722:MURGEANCA, 94740:VÂLCELELE, 94759:FLOROAICA, 94777:VLAD ŢEPEŞ, 94786:MIHAI VITEAZU, 94802:VLÃDENI, 95079:IAŞI, 950 97:BÂRNOVA, 95104:CERCU, 95113:PÃUN, 95122:PIETRÃRIA, 95131:TODIREL, 95140:VIŞAN, 95168:HOLBOCA, 95177:CRISTEŞTI, 95186: DANCU, 95195: ORZENI, 95202: RUSENII NOI, 95211: RUSENII VECHI, 95220: VALEA LUNGÃ, 95248: REDIU, 95257: BREAZU, 95266: HORLEŞTI , 95275:TÃUTEŞTI, 95284:VALEA LUPULUI, 95300:TOMEŞTI, 95319:CHICEREA, 95328:GORUNI, 95337:VLÃDICENI, 95364:HÂRLÃU, 95373: PÂRCOVACI, 95408: PAŞCANI, 95417: BLÃGEŞTI, 95426: BOŞTENI, 95435: GÂŞTEŞTI, 95444: LUNCA, 95453: SODOMENI, 95480: TÂRGU FRUM OS, 95505:BALŞ, 95514:BOURENI, 95523:BUZNEA, 95532:COASTA MÃGURII, 95541:COSTEŞTI, 95550:DÃDEŞTI, 95569:GÃNEŞTI, 95578:G IURGEȘTI, 95587: ION NECULCE, 95596: PRIGORENI, 95603: RÃZBOIENI, 95621: ALEXANDRU I. CUZA, 95630: KOGÃLNICENI, 95649: SCHEIA, 9 5658: VOLINTIREŞTI, 95676: ANDRIEŞENI, 95685: BUHÂENI, 95694: DRÃGÃNEŞTI, 95701: FÂNTÂNELE, 95710: GLÃVÃNEŞTI, 95729: IEPURENI, 95738:SPINENI, 95756:ARONEANU, 95765:DOROBANT, 95774:REDIU ALDEI, 95783:ŞOROGANI, 95809:BÃLŢAŢI, 95818:COTÂRGACI, 9582 7: FILIASI, 95836: MÃDÂRJEŞTI, 95845: PODIŞU, 95854: SÂRCA, 95863: VALEA OILOR, 95881: BELCEŞTI, 95890: LITENI, 95907: MUNTENI, 9591 6:SATU NOU, 95925:TANSA, 95934:ULMI, 95952:BIVOLARI, 95961:BURUIENEŞTI, 95970:SOLONEŢ, 95989:TABÃRA, 95998:TRAIAN, 96012 :BOSIA, 96021:COADA STÂNCII, 96030:MÂNZÃTEŞTI, 96049:UNGHENI, 96067:BRÃEŞTI, 96076:ALBEŞTI, 96085:BUDA, 96094:CRISTEŞTI, 96101: REDIU, 96129: BUTEA, 96138: MICLÃUŞENI, 96156: CEPLENIȚA, 96165: BUHALNIȚA, 96174: POIANA MÃRULUI, 96183: ZLODICA, 9620 9:CIORTEŞTI, 96218:COROPCENI, 96227:DELENI, 96236:ROTĂRIA, 96245:ŞERBEŞTI, 96263:CIUREA, 96272:CURĂTURI, 96281:DUMBRAVA, 96290: HLINCEA, 96307: LUNCA CETĂŢUII, 96316: PICIORU LUPULUI, 96325: SLOBOZIA, 96343: COARNELE CAPREI, 96352: ARAMA, 96361: PE TROSICA, 96389:OSOI, 96398:COMARNA, 96405:CURAGÃU, 96414:STÂNCA, 96432:COSTULENI, 96441:COVASNA, 96450:COZIA, 96469:HI LIŢA, 96487:COTNARI, 96496:BAHLUIU, 96502:CIREŞENI, 96511:CÂRJOAIA, 96520:FÃGÃT, 96539:HODORA, 96548:HORODIŞTEA, 96557:I OSUPENI, 96566: LUPÃRIA, 96575: VALEA RACULUI, 96584: ZBERENI, 96600: COZMEŞTI, 96619: PODOLENII DE JOS, 96628: PODOLENII DE SU

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S, 96646: CRISTEŞTI, 96655: HOMIŢA, 96673: CUCUTENI, 96682: BÃICENI, 96691: BÃRBÃTEŞTI, 96708: SÃCÃREŞTI, 96726: DAGÂŢA, 96735: B ÃLUŞEŞTI, 96744:BOATCA, 96753:BUZDUG, 96762:MÃNÃSTIREA, 96771:PISCU RUSULUI, 96780:POIENILE, 96799:TARNIŢA, 96806:ZECE P RÃJINI, 96824: DELENI, 96833: FEREDENI, 96842: LEAHU-NACU, 96851: MAXUT, 96860: POIANA, 96879: SLOBOZIA, 96897: DOBROVÃT, 96913 : DOLHEŞTI, 96922 : BRÃDICEŞTI, 96931 : PIETRIŞ, 96959 : DUMEŞTI, 96968 : BANU, 96977 : CHILIŞOAIA, 96986 : HOISEŞTI, 96995 : PÃUŞEŞTI, 97 018:ERBICENI, 97027:BÂRLEŞTI, 97036:SPINOASA, 97045:SPRÂNCEANA, 97054:TOTOEŞTI, 97072:FOCURI, 97081:FÂNTÂNELE, 97107:GO LÃIESTI, 97116: BRAN, 97125: CILIBIU, 97134: COTU LUI IVAN, 97143: GRÃDINARI, 97152: MEDELENI, 97161: PETRESTI, 97170: PODU IIIIEI, 9 7198: GORBAN, 97205: GURA BOHOTIN, 97214: PODU HAGIULUI, 97223: SCOPOSENI, 97232: ZBEROAIA, 97250: GRAJDURI, 97269: CÃRBUNA RI, 97278: CORCODEL, 97287: LUNCA, 97296: PÃDURENI, 97303: POIANA CU CETATE, 97312: VALEA SATULUI, 97330: GROPNIȚA, 97349: BUL BUCANI, 97358: FORĀŞTI, 97367: MĀLĀEŞTI, 97376: SĀVENI, 97385: SÂNGERI, 97401: GROZEŞTI, 97410: COLŢU CORNII, 97429: SĀLĀGENI, 97 447: HÃLÃUCEŞTI, 97456: LUNCAŞI, 97474: HELEŞTENI, 97483: HÃRMÃNEASA, 97492: MOVILENI, 97508: OBOROCENI, 97526: HORLEŞTI, 975 35:BOGDÃNEŞTI, 97544:SCOPOSENI, 97562:IPATELE, 97571:ALEXEŞTI, 97580:BÂCU, 97599:CUZA VODÃ, 97615:LESPEZI, 97624:BUDA, 9 7633:BURSUC-DEAL, 97642:BURSUC-VALE, 97651:DUMBRAVA, 97660:HECI, 97688:LETCANI, 97697:BOGONOS, 97704:COGEASCA, 97713 :CUCUTENI, 97731:LUNGANI, 97740:CRUCEA, 97759:GOEŞTI, 97768:ZMEU, 97786:MÃDÂRJAC, 97795:BOJILA, 97802:FRUMUŞICA, 97820: MIRCEŞTI, 97839: IUGANI, 97848: IZVOARELE, 97857: RÃCHITENI, 97866: URSÃREŞTI, 97884: MIRONEASA, 97893: SCHITU HADÂMBULUI, 979 00: URŞIŢA, 97928: MIROSLAVA, 97937: BALCIU, 97946: BRÃTULENI, 97955: CIURBEŞTI, 97964: CORNEŞTI, 97973: DANCAŞ, 97982: GÃURENI, 97991:HORPAZ, 98006:PROSELNICI, 98015:URICANI, 98024:VALEA ADÂNCÃ, 98033:VALEA URSULUI, 98042:VOROVEŞTI, 98060:MIROSLOV EŞTI, 98079:CIOHORÂNI, 98088:MITEŞTI, 98097:SOCI, 98104:VERŞENI, 98122:MOGOŞEŞTI, 98131:BUDEŞTI, 98140:HADÂMBU, 98159:M ÂNJEŞTI, 98177:MOGOŞEŞTI-SIRET, 98186:MUNCELU DE SUS, 98195:TUDOR VLADIMIRESCU, 98211:MOŞNA, 98239:MOŢCA, 98248:BOUR ENI, 98266: MOVILENI, 98275: IEPURENI, 98284: LARGA-JIJIA, 98293: POTÂNGENI, 98319: OŢELENI, 98328: HÂNDREŞTI, 98346: PLUGARI, 983 55:BOROSOAIA, 98364:ONEȘTI, 98382:PODU ILOAIEI, 98391:BUDÃI, 98408:COSIŢENI, 98417:HOLM, 98426:SCOBÂLŢENI, 98444:POPEȘTI , 98453:DOROŞCANI, 98462:HÃRPÃŞEŞTI, 98471:OBRIJENI, 98480:PÃDURENI, 98499:VAMA, 98514:POPRICANI, 98523:CÂRLIG, 98532:COT U MORII, 98541: CUZA VODÃ, 98550: MOIMEŞTI, 98569: REDIU MITROPOLIEI, 98578: ŢIPILEŞTI, 98587: VÂNÃTORI, 98596: VULTURI, 98612: P RISÃCANI, 98621: MÃCÃREŞTI, 98630: MORENI, 98658: PROBOTA, 98667: BÃLTENI, 98676: PERIENI, 98694: RÃDUCÃNENI, 98701: BOHOTIN, 98710:ISAIIA, 98729:ROŞU, 98747:ROMÂNEŞTI, 98756:AVÂNTU, 98765:URSOAIA, 98783:RUGINOASA, 98792:DUMBRÃVIŢA, 98809:REDIU , 98818: VASCANI, 98836: SCHITU DUCA, 98845: BLAGA, 98854: DUMITREȘTII GÃLĂŢII, 98863: POCREACA, 98872: POIENI, 98881: POIANA, 98 890:SATU NOU, 98907:SLOBOZIA, 98925:SCÂNTEIA, 98934:BODEŞTI, 98943:BOROŞEŞTI, 98952:CIOCÂRLEŞTI, 98961:LUNCA RATEŞ, 9897 0:REDIU, 98989:TUFEŞTII DE SUS, 99003:SCOBİNŢI, 99012:BÃDENI, 99021:FETEŞTI, 99030:STICLÂRIA, 99049:ZAGAVIA, 99067:SINEŞTI, 9 9076:BOCNITA, 99085:OSOI, 99094:STORNEŞTI, 99110:SIREŢEL, 99129:BEREZLOGI, 99138:HUMOSU, 99147:SATU NOU, 99156:SLOBOZIA , 99174:STOLNICENI-PRĂJESCU, 99183:BRĂTEŞTI, 99192:COZMEŞTI, 99218:STRUNGA, 99227:BRĂTULEŞTI, 99236:CRIVEŞTI, 99245:CUCOV A, 99254: FÃRCÃŞENI, 99263: FEDELEŞENI, 99272: GURA VÃII, 99281: HÃBÃŞEŞTI, 99307: ŞCHEIA, 99316: CÃUEŞTI, 99325: CIOCA-BOCA, 993 34: DRÃGUŞENI, 99343: FRENCIUGI, 99352: POIANA ŞCHEII, 99361: SATU NOU, 99389: ŞIPOTE, 99398: CHIŞCÃRENI, 99405: HÃLCENI, 99414 :IAZU NOU, 99423:IAZU VECHI, 99432:MITOC, 99450:TANSA, 99469:SUHULEŢ, 99487:TÃTÃRUŞI, 99496:IORCANI, 99502:PIETROSU, 9951 1:UDA, 99520:VÂLCICA, 99548:TODIREȘTI, 99557:BÃICENI, 99566:BOLDEȘTI, 99575:HÃRMÃNEȘTII NOI, 99584:HÃRMÃNEȘTII VECHI, 995 93:STROEŞTI, 99619:TRIFEŞTI, 99628:HERMEZIU, 99637:RÃDENI, 99646:ROŞCANI, 99655:VLADOMIRA, 99664:ZABOLOTENI, 99682:ŢIBAN A, 99691: ALEXENI, 99708: DOMNIȚA, 99717: GÂRBEȘTI, 99726: MOARA CIORNEI, 99735: OPROAIA, 99744: POIANA DE SUS, 99753: POIANA MÃNÃSTIRII, 99762: RUNCU, 99771: VADU VEJEI, 99799: ŢIBÃNESTI, 99806: GLODENII GÂNDULUI, 99815: GRIEŞTI, 99824: JIGORENI, 99833: R ÃSBOIENI, 99842:RECEA, 99851:TUNGUJEI, 99860:VÃLENII, 99888:ŢIGÃNÃŞI, 99897:CÂRNICENI, 99904:MIHAIL KOGÃLNICEANU, 99913:S TEJARII, 99931: ŢUŢORA, 99940: CHIPEREŞTI, 99959: OPRIŞENI, 99977: VALEA SEACÃ, 99986: CONŢEŞTI, 99995: TOPILE, 100013: VICTORIA, 1 00022:FRÃSULENI, 100031:ICUŞENI, 100040:LUCENI, 100059:SCULENI, 100068:STÂNCA, 100077:ŞENDRENI, 100095:VÂNÃTORI, 100102: CRIVEŞTI, 100111:GURA BÂDILIŢEI, 100120:HÂRTOAPE, 100139:VLÃDNICUŢ, 100157:VLÃDENI, 100166:ALEXANDRU CEL BUN, 100175:BO RŞA, 100184:BROŞTENI, 100193:IACOBENI, 100200:VÂLCELELE, 100228:VOINEŞTI, 100237:LUNGANI, 100246:SCHITU STAVNIC, 100255:S LOBOZIA, 100264:VOCOTEȘTI, 100530:GIURGIU, 100558:SLOBOZIA, 100585:BUFTEA, 100594:BUCIUMENI, 100629:OLTENIȚA, 100647:MI TRENI, 100656:CLÃTEŞTI, 100665:VALEA ROŞIE, 100692:URZICENI, 100718:CIOCÂRLIA, 100727:COTORCA, 100745:MANASIA, 100763:ADÂ NCATA, 100772: PATRU FRAŢI, 100790: ADUNAŢII-COPĀCENI, 100807: DÃRÃŞTI-VLAŞCA, 100816: MOGOŞEŞTI, 100825: VARLAAM, 100843: A FUMAŢI, 100861:ALEXENI, 100889:ARMÃŞEŞTI, 100898:BĂRBULEŞTI, 100905:MALU ROŞU, 100914:NENIŞORI, 100932:AXINTELE, 100941: BÃRBÃTESCU, 100950: HORIA, 100978: BALOTEŞTI, 100987: DUMBRÃVENI, 100996: SÃFTICA, 101010: BÃNEASA, 101029: FRASINU, 101038: PIETRELE, 101047: SFÂNTU GHEORGHE, 101065: BÃRCÃNEŞTI, 101074: CONDEEŞTI, 101092: BELCIUGATELE, 101109: CÂNDEASCA, 101118: COJEȘTI, 101127: MATARAUA, 101136: MĂRIUȚA, 101154: BERCENI, 101172: BOLINTIN-DEAL, 101181: MIHAI VODĂ, 101207: BOLINTIN-VALE, 101216:CRIVINA, 101225:MALU SPART, 101234:SUSENI, 101252:BRAZII, 101261:MAIA, 101270:MOVILEANCA, 101289:RÃSIMNICEA, 1013 05:BRÃNEŞTI, 101314:ISLAZ, 101323:PASÃREA, 101332:VADU ANEI, 101350:BREZOAELE, 101369:BREZOAIA, 101387:BUCŞANI, 101396:A NGHELEŞTI, 101403:GOLEASCA, 101412:OBEDENI, 101421:PODIŞOR, 101430:VADU LAT, 101449:UIEŞTI, 101467:BUDEŞTI, 101476:APRO ZI, 101485:BUCIUMENI, 101494:CRIVÃŢ, 101500:GRUIU, 101528:BULBUCATA, 101537:COTENI, 101546:FÃCÃU, 101555:TEIŞORI, 101573: BUTIMANU, 101582: BÃRBUCEANU, 101591: LUCIANCA, 101608: UNGURENI, 101626: BUTURUGENI, 101635: PÃDURENI, 101644: PODU ILFO VÃŢULUI, 101653: POŞTA, 101671: CÃLUGÃRENI, 101680: BRÃNIŞTARI, 101699: CRUCEA DE PIATRÃ, 101706: HULUBEŞTI, 101715: UZUNU, 1 01733:CÃSCIOARELE, 101751:CERNICA, 101760:BÃLÃCEANCA, 101779:CÃLDÃRARU, 101788:POŞTA, 101797:TÂNGANU, 101813:CHIRNO GI, 101831:CHISELET, 101859:CIOCÃNEȘTI, 101868:CREȚU, 101877:DECINDEA, 101886:URZICEANCA, 101895:VIZUREȘTI, 101911:CIOLPA NI, 101920:IZVORANI, 101939:LUPÃRIA, 101948:PISCU, 101966:CIOROGÂRLA, 101975:DÂRVARI, 101993:CLEJANI, 102008:NEAJLOVU, 1020 17: PODU DOAMNEI, 102026: STEREA, 102044: CLINCENI, 102053: OLTENI, 102062: ORDOREANU, 102080: COLIBAŞI, 102099: CÂMPURELU, 1 02115:COMANA, 102124:BUDENI, 102133:FALAŞTOACA, 102142:GRÃDIŞTEA, 102151:VLAD ŢEPEŞ, 102179:CORBEANCA, 102188:OSTRAT U, 102197:PETREŞTI, 102204:TAMAŞI, 102222:CORNETU, 102231:BUDA, 102259:COŞERENI, 102268:BORÂNEŞTI, 102277:SINTEŞTI, 10229 5:CREVEDIA, 102302:COCANI, 102311:DÂRZA, 102320:MÂNÃSTIREA, 102339:SAMURCAŞI, 102357:CREVEDIA MARE, 102366:CREVEDIA MI CÃ, 102375: DEALU, 102384: GÃISEANCA, 102393: PRIBOIU, 102400: SFÂNTU GHEORGHE, 102428: CURCANI, 102437: SÃLCIOARA, 102455: D AIA, 102464: PLOPŞORU, 102482: DASCÃLU, 102491: CREAŢA, 102507: GAGU, 102516: RUNCU, 102534: DÃRÃŞTI-ILFOV, 102552: 1 DECEMBR IE, 102561:COPÃCENI, 102589:DOMNEŞTI, 102598:ŢEGHEŞ, 102614:DRAGOMIREŞTI-VALE, 102623:DRAGOMIREŞTI-DEAL, 102632:ZURBA UA, 102650: DRÃGOEŞTI, 102669: CHIROIU-PAMÂNTENI, 102678: CHIROIU-SATU NOU, 102687: CHIROIU-UNGURENI, 102696: VALEA BISERIC II, 102712: DRIDU, 102721: DRIDU-SNAGOV, 102730: MOLDOVENI, 102758: FIERBINŢI-TÂRG, 102767: FIERBINŢII DE JOS, 102776: FIERBINŢII DE SUS, 102785: GRECII DE JOS, 102801: STOENESTI, 102810: FLORESTI, 102829: PALANCA, 102847: FRÃSINET, 102856: CURÃTESTI, 102865: DÂNEȘTI, 102874: FRÂSINETU DE JOS, 102883: LUPTÂTORI, 102892: TÂRICENI, 102918: FRÂTEȘTI, 102927: CETATEA, 102936: REMUŞ, 102954 :FRUMUŞANI, 102963:ORÄŞTI, 102972:PASÄREA, 102981:PĂDURIŞU, 102990:PIŢIGAIA, 103005:POSTĀVARI, 103023:FUNDENI, 103041:FU NDULEA, 103050: ALEXANDRU I. CUZA, 103078: GOSTILELE, 103096: GÃISENI, 103103: CÃRPENIŞU, 103112: CÃSCIOARELE, 103121: PODU P OPA NAE, 103149: GÃNEASA, 103158: COZIENI, 103167: MOARA DOMNEASCÃ, 103176: PITEASCA, 103185: ŞINDRILIȚA, 103201: GÃUJANI, 10 3210: CETÃŢUIA, 103229: PIETRIŞU, 103247: GHIMPAŢI, 103256: COPACIU, 103265: NAIPU, 103274: VALEA PLOPILOR, 103292: GÂRBOVI, 103 318:GOGOŞARI, 103327:DRÃGHICEANU, 103336:IZVORU, 103345:RÃLEŞTI, 103363:GOSTINU, 103381:GOSTINARI, 103390:MIRONEŞTI, 10 3416:GRÃDINARI, 103425:TÂNTAVA, 103434:ZORILE, 103452:GRÃDIŞTEA, 103461:SITARU, 103489:GREACA, 103498:PUŢU GRECI, 103504 :ZBOIU, 103522:GRUIU, 103531:LIPIA, 103540:ŞANŢU FLOREŞTI, 103559:SILIŞTEA SNAGOVULUI, 103577:GURBÃNEŞTI, 103586:CODRENI, 103595:COŢOFANCA, 103602:PREASNA, 103611:PREASNA VECHE, 103620:VALEA PRESNEI, 103648:HOTARELE, 103657:HERÃŞTI, 103666:I SVOARELE, 103675: MILOŞEŞTI, 103684: TEIUŞU, 103700: IEPUREŞTI, 103719: BÃNEŞTI, 103728: CHIRCULEŞTI, 103737: GORNENI, 103746: S

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TÂLPU, 103755: VALTER MÃRÃCINEANU, 103773: ILEANA, 103782: ARŢARI, 103791: FLORICA, 103808: PODARI, 103817: RÃSURILE, 103826: R ÃZOARELE, 103835:SATU NOU, 103844:ŞTEFÃNEŞTI, 103853:VLÃICULEŞTI, 103871:ION ROATÃ, 103880:BROŞTENI, 103906:IZVOARELE, 10 3915: CHIRIACU, 103924: DIMITRIE CANTEMIR, 103933: PETRU RAREŞ, 103942: RADU VODÃ, 103951: VALEA BUJORULUI, 103979: JILAVELE, 1 03988:SLÃTIOARELE, 104001:JOIŢA, 104010:BÂCU, 104029:COSOBA, 104038:SÃBÃRENI, 104056:LETCA NOUÃ, 104065:LETCA VECHE, 104 074: MILCOVÃŢU, 104092: LUICA, 104109: VALEA STÂNII, 104127: MIHAI BRAVU, 104145: MIHÃILEŞTI, 104154: DRÃGÃNESCU, 104163: NOVA CI, 104172: POPESTI, 104190: MÂNÃSTIREA, 104207: COCONI, 104216: SULTANA, 104234: MÂRSA, 104252: MOARA VLÃSIEI, 104261: CÃCIUL AŢI, 104289: MOVILIŢA, 104298: BIŢINA-PÃMÂNTENI, 104305: BIŢINA-UNGURENI, 104314: ROŞIORI, 104332: NANA, 104350: NICOLAE BĂLCE SCU, 104369: FÂNTÂNA DOAMNEI, 104378: PAICU, 104396: NICULEȘTI, 104403: CIOCÃNARI, 104412: MOVILA, 104430: NUCI, 104449: BALTA NEAGRÃ, 104458: MERII PETCHII, 104467: MICŞUNEŞTII MARI, 104476: MICŞUNEŞTII-MOARÃ, 104494: OGREZENI, 104500: HOBAIA, 104528: OINACU, 104537: BRANIŞTEA, 104555: PERIŞ, 104564: BÃLTENI, 104573: BURIAŞ, 104591: PETRÃCHIOAIA, 104608: MÃINEASCA, 104617: SU RLARI, 104626: VÂNÃTORI, 104644: PLÃTÃREŞTI, 104653: CUCUIEŢI, 104662: DOROBANŢU, 104671: PODU PITARULUI, 104699: PRUNDU, 104 706: PUIENI, 104724: PUTINEIU, 104733: HODIVOAIA, 104742: VIERU, 104760: RADOVANU, 104779: VALEA POPII, 104797: RÃSUCENI, 104804 :CARAPANCEA, 104813:CUCURUZU, 104822:SATU NOU, 104840:ROATA DE JOS, 104859:CARTOJANI, 104868:ROATA MICÃ, 104877:SADIN A, 104895:SÃRULEŞTI, 104902:MÃGURENI, 104911:POLCEŞTI, 104920:SÃNDULIŢA, 104939:SÃRULEŞTI-GARÃ, 104957:SÃTUCU, 104966:S OLACOLU, 104984: SCHITU, 104993: BILA, 105008: CÃMINEASCA, 105017: VLAŞIN, 105035: SINEŞTI, 105044: BOTENI, 105053: CÃTRUNEŞTI, 105062: HAGIEŞTI, 105071: LILIECI, 105080: LIVEDEA, 105115: SINGURENI, 105124: CRÂNGURI, 105133: STEJARU, 105151: SLOBOZIA MOARÃ , 105179: SNAGOV, 105188: CIOFLINCENI, 105197: GHERMÃNEŞTI, 105204: TÂNCÃBEŞTI, 105213: VLÃDICEASCA, 105231: SOHATU, 105240: PROGRESU, 105268:SPANŢOV, 105277:CETATEA VECHE, 105286:STANCEA, 105302:STÃNEŞTI, 105311:BÃLANU, 105320:GHIZDARU, 1053 39:ONCEŞTI, 105357:STOENEŞTI, 105366:IANCULEŞTI, 105375:MIRÃU, 105393:ŞOLDANU, 105400:NEGOEŞTI, 105428:ŞTEFÂNEŞTII DE JO S, 105437: CRETULEASCA, 105446: \$TEFÃNE\$TII DE SUS, 105464: TÃMÃDÃU MARE, 105473: CÃLÃREŢI, 105482: DÂRVARI, 105491: PLUMBUĪT A, 105507:SÃCELE, 105516:ŞEINOIU, 105525:TÃMÃDÃU MIC, 105543:TÃRTÃŞEŞTI, 105552:BÂLDANA, 105561:GULIA, 105589:TUNARI, 10 5598: DIMIENI, 105614: ULMENI, 105632: ULMI, 105641: CÃSCIOARELE, 105650: DRÃGÃNEASCA, 105669: GHIONEA, 105678: ICOANA, 10568 7:MOŞTENI, 105696:POENARI, 105703:TRESTIENI, 105721:VALEA ARGOVEI, 105730:LUNCA, 105749:OSTROVU, 105758:SILIŞTEA, 105767: VLÃDICEASCA, 105785:VALEA DRAGULUI, 105801:VALEA MÃCRIŞULUI, 105810:GRINDAŞI, 105838:VASILAŢI, 105847:GÃLBINAŞI, 105856: NUCI, 105865: POPEŞTI, 105883: VĀRĀŞTI, 105892: DOBRENI, 105918: VEDEA, 105927: MALU, 105945: VIDRA, 105954: CREŢEŞTI, 105963: SI NTEŞTI, 105981: VÂNÃTORII MICI, 105990: CORBEANCA, 106005: CUPELE, 106014: IZVORU, 106023: POIANA LUI STÂNGÃ, 106032: VÂLCELEL E, 106041: VÂNÃTORII MARI, 106050: ZÃDĂRICIU, 106327: BAIA MARE, 106336: BLIDARI, 106345: FIRIZA, 106354: VALEA NEAGRÃ, 106372: G ROȘI, 106381: OCOLIS, 106390: SATU NOU DE JOS, 106416: RECEA, 106425: BOZÂNTA MICÃ, 106434: LÃPUSEL, 106443: MOCIRA, 106452: SÃ SAR, 106470:TÃUŢII-MÃGHERÃUŞ, 106489:BÃIŢA, 106498:BOZÂNTA MARE, 106504:BUŞAG, 106513:MERIŞOR, 106522:NISTRU, 106531:U LMOASA, 106568: SIGHETU MARMAŢIEI, 106577: IAPA, 106586: LAZU BACIULUI, 106595: ŞUGÃU, 106602: VALEA CUFUNDOASÃ, 106611: VA LEA HOTARULUI, 106639: SARASÃU, 106657: VADU IZEI, 106666: VALEA STEJARULUI, 106693: BAIA SPRIE, 106700: CHIUZBAIA, 106719: TÃUT II DE SUS, 106728: SATU NOU DE SUS, 106755: BORŞA, 106764: BÃILE BORŞA, 106791: CAVNIC, 106826: TÂRGU LÃPUŞ, 106835: BOIERENI, 1 06844:BORCUT, 106853:CUFOAIA, 106862:DÃMÃCUŞENI, 106871:DOBRICU LÃPUŞULUI, 106880:DUMBRAVA, 106899:FÂNTÂNELE, 10690 6:GROAPE, 106915:INÃU, 106924:RÃZOARE, 106933:ROGOZ, 106942:ROHIA, 106951:STOICENI, 106988:VIȘEU DE SUS, 106997:VIȘEU DE MIJLOC, 107010: ARDUSAT, 107029: ARIEȘU DE CÂMP, 107038: COLȚIREA, 107056: ARINIŞ, 107065: RODINA, 107074: TÂMÂŞEŞTI, 107092: A SUAJU DE SUS, 107109: ASUAJU DE JOS, 107127: BÃITA DE SUB CODRU, 107136: ODEȘTI, 107145: URMENIȘ, 107163: BÃIUT, 107172: POIAN A BOTIZII, 107181:STRÂMBU-BÃIUT, 107207:BÃSEŞTI, 107216:SÃLIŞTE, 107225:STREMT, 107243:BICAZ, 107252:CIUTA, 107261:CORNI, 1 07289:BISTRA, 107298:CRASNA VIŞEULUI, 107305:VALEA VIŞEULUI, 107323:BÂRSANA, 107332:NÃNEŞTI, 107341:ONCEŞTI, 107369:BOCI COIU MARE, 107378: CRÃCIUNEȘTI, 107387: LUNCA LA TISA, 107396: TISA, 107412: BOGDAN VODÃ, 107421: BOCICOEL, 107449: BOIU MARE , 107458: FRÂNCENII BOIULUI, 107467: PRISLOP, 107476: ROMÃNEŞTI, 107494: BOTIZA, 107500: POIENILE IZEI, 107528: BUDEŞTI, 107537: S ÂRBI, 107555:CÃLINEŞTI, 107564:CORNEŞTI, 107573:VÃLENI, 107591:CERNEŞTI, 107608:BREBENI, 107617:CIOCOTIŞ, 107626:FÂNAŢE, 10 7635:IZVOARELE, 107644:MÃGURENI, 107653:TRESTIA, 107671:CICÂRLÃU, 107680:BÂRGÃU, 107699:HANDALU ILBEI, 107706:ILBA, 1077 24: CÂMPULUNG LA TISA, 107742: COPALNIC-MÂNÂŞTUR, 107751: BERINŢA, 107760: CÃRPINIŞ, 107779: COPALNIC, 107788: COPALNIC-DEA L, 107797:CURTUIUŞU MIC, 107804:FÃUREŞTI, 107813:LÃSCHIA, 107822:PRELUCA NOUÃ, 107831:PRELUCA VECHE, 107840:RUŞOR, 10785 9:VAD, 107877:COROIENI, 107886:BABA, 107895:DEALU MARE, 107902:DRÃGHIA, 107911:VÃLENII LÃPUŞULUI, 107939:CUPŞENI, 107948 :COSTENI, 107957:LIBOTIN, 107966:UNGURENI, 107984:DESEŞTI, 107993:HÃRNICEŞTI, 108008:MARA, 108026:DRAGOMIREŞTI, 108044: DUMBRÃVIŢA, 108053: CÃRBUNARI, 108062: CHECHIŞ, 108071: RUS, 108080: ŞINDREŞTI, 108099: UNGURAŞ, 108115: FÃRCAŞA, 108124: BU ZEŞTI, 108133:SÂRBI, 108142:TÃMAIA, 108160:GIULEŞTI, 108179:BERBEŞTI, 108188:FEREŞTI, 108197:MÃNÃSTIREA, 108213:IEUD, 10823 1:LÃPUŞ, 108259:LEORDINA, 108277:MIREŞU MARE, 108286:DÃNEŞTII CHIOARULUI, 108295:IADÃRA, 108302:LUCÃCEŞTI, 108311:REMEŢ I PE SOMEŞ, 108320:STEJERA, 108339:TULGHIEŞ, 108357:MOISEI, 108375:OARŢA DE JOS, 108384:OARŢA DE SUS, 108393:ORŢIŢA, 108419 :OCNA ŞUGATAG, 108428: BREB, 108437: HOTENI, 108446: SAT-ŞUGATAG, 108464: PETROVA, 108482: POIENILE DE SUB MUNTE, 108507: R EMETEA CHIOARULUI, 108516:BERCHEZ, 108525:BERCHEZOAIA, 108534:POSTA, 108543:REMECIOARA, 108561:REMEŢI, 108570:PIATRA, 1 08589:TECEU MIC, 108605:REPEDEA, 108623:RONA DE JOS, 108641:RONA DE SUS, 108650:COŞTIUI, 108678:ROZAVLEA, 108687:ŞIEU, 10 8703:RUSCOVA, 108721:SATULUNG, 108730:ARIEŞU DE PÃDURE, 108749:FERSIG, 108758:FINTEUŞU MIC, 108767:HIDEAGA, 108776:MO GOŞEŞTI, 108785: PRIBILEŞTI, 108801: SÃCÃLÃŞENI, 108810: CÃTÃLINA, 108829: COAŞ, 108838: COLTÃU, 108847: CORUIA, 108856: CULCEA, 108865:ÎNTRERÂURI, 108883:SÃCEL, 108909:SÃLIŞTEA DE SUS, 108927:SÃLSIG, 108936:GÂRDANI, 108954:SÃPÂNȚA, 108972:SEINI, 1089 81:SÃBIŞA, 108990:VIILE APEI, 109014:STRÂMTURA, 109023:GLOD, 109032:SLÃTIOARA, 109050:SUCIU DE SUS, 109069:GROŞII ŢIBLEŞUL UI, 109078:LARGA, 109087:SUCIU DE JOS, 109103:ŞISEŞTI, 109112:BONTÃIENI, 109121:CETÃŢELE, 109130:DÃNEŞTI, 109149:NEGREIA, 1 09158:PLOPIŞ, 109167:ŞURDEŞTI, 109185:ŞOMCUTA MARE, 109194:BUCIUMI, 109201:BUTEASA, 109210:CIOLT, 109229:CODRU BUTESII, 109238: FINTEUŞU MARE, 109247: HOVRILA, 109256: VĂLENII ŞOMCUTEI, 109274: ULMENI, 109283: ARDUZEL, 109292: CHELINȚA, 109309: MÂNÃU, 109318: SOMEŞ-UILEAC, 109327: TOHAT, 109336: ȚICÃU, 109345: VICEA, 109363: VALEA CHIOARULUI, 109372: CURTUIUŞU MARE, 109381: DURUŞA, 109390: FERICEA, 109407: MESTEACÃN, 109416: VÃRAI, 109434: VIMA MICÃ, 109443: ASPRA, 109452: DEALU CORBULUI, 1 09461: JUGÃSTRENI, 109470: PETERITEA, 109489: SÃLNIŢA, 109498: VIMA MARE, 109513: VIŞEU DE JOS, 109782: DROBETA-TURNU SEVERIN, 109791: GURA VÃII, 109808: DUDASU SCHELEI, 109817: SCHELA CLADOVEI, 109835: SIMIAN, 109844: CERNETI, 109853: DEDOVITA NOUÃ, 1 09862:DEDOVIȚA VECHE, 109871:DUDAȘU, 109880:ERGHEVIȚA, 109899:POROINA, 109906:VALEA COPCII, 109933:BAIA DE ARAMÃ, 10994 2:BRATILOVU, 109951:BREBINA, 109960:DEALU MARE, 109979:MÃRÃŞEŞTI, 109988:NEGOEŞTI, 109997:PISTRIŢA, 110009:STÃNEŞTI, 110 018:TITERLESTI, 110036:OBÂRSIA-CLOSANI, 110045:GODEANU, 110072:ORSOVA, 110125:STREHAIA, 110134:CIOCHIUTA, 110143:COMA NDA, 110152: HURDUCEŞTI, 110161: LUNCA BANULUI, 110170: SLĀTINICU MARE, 110189: SLĀTINICU MIC, 110198: MENŢI, 110205: MOTRU LENI, 110214:STÃNCEŞTI, 110241:VÂNJU MARE, 110250:BUCURA, 110269:NICOLAE BÃLCESCU, 110278:OREVIŢA MARE, 110287:TRAIAN, 1 10303:BALA, 110312:BALA DE SUS, 110321:BRATEŞUL, 110330:BRATIVOEŞTI, 110349:CÂMPU MARE, 110358:CÂRŞU, 110367:COMÃNEŞTI , 110376: CRAINICI, 110385: DÂLMA, 110394: IUPCA, 110401: MOLANI, 110410: RUDINA, 110429: RUNCUŞORU, 110438: SÃRDÃNEŞTI, 11044 7:VIDIMIREŞTI, 110465:BALTA, 110474:COADA CORNETULUI, 110483:COSTEŞTI, 110492:GORNOVIŢA, 110508:NEVÃŢU, 110517:PREJNA, 1 10526:SFODEA, 110544:BĂLÃCIŢA, 110553:DOBRA, 110562:GVARDINIŢA, 110580:BÂCLEŞ, 110599:ADUNAŢII TEIULUI, 110606:BRÂGLEAS A, 110615:CORZU, 110624:GIURA, 110633:PETRA, 110642:PODU GROSULUI, 110651:SELIŞTIUŢA, 110660:SMADOVIŢA, 110679:VLÃDICA, 110697:BÂLVÃNEŞTI, 110704:BÂLVÃNEŞTII DE JOS, 110713:CÃLINEŞTII DE JOS, 110722:CÃLINEŞTII DE SUS, 110731:PÂRLAGELE, 110759:B REZNIȚA-MOTRU, 110768:COSOVĂŢ, 110777: DELENI, 110786: FĂUROAIA, 110795: PLAI, 110802: TĂLĂPANU, 110811: VALEA TEIULUI, 11083 9:BREZNIȚA-OCOL, 110848:JIDOŞTIȚA, 110857:MAGHERU, 110866:ŞUŞIȚA, 110884:BROŞTENI, 110893:CÃPÃŢÂNEŞTI, 110900:LUNCŞOAR

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A, 110919: LUPŞA DE JOS, 110928: LUPŞA DE SUS, 110937: MERIŞ, 110955: BURILA MARE, 110964: CRIVINA, 110973: IZVORU FRUMOS, 11098 2:ŢIGÃNAŞI, 110991: VRANCEA, 111015: BUTOIEŞTI, 111024: ARGINEŞTI, 111033: BUICEŞTI, 111042: GURA MOTRULUI, 111051: JUGASTRU, 111060: PLUTA, 111079: RÃDUŢĘŞTI, 111088: TÂNŢARU, 111104: CÃZĂNEŞTI, 111113: ERCEA, 111122: GÂRBOVÃŢU DE SUS, 111131: GOVOD ARVA, 111140:ILOVU, 111159:JIGNIȚA, 111168:PÃLTINIŞU, 111177:POIANA, 111186:ROŞIA, 111195:SEVERINEŞTI, 111202:SUHARU, 11121 1:VALEA COŞUŞTEI, 111239:CIREŞU, 111248:BUNOAICA, 111257:JUPÂNEŞTI, 111266:NEGRUŞA, 111284:CORCOVA, 111293:BREȚA, 11130 0:CERNAIA, 111319:CORDUN, 111328:CROICA, 111337:GÂRBOVÃŢU DE JOS, 111346:IMOASA, 111355:JIROV, 111364:MÃRU ROŞU, 111373 : PÂRVULEŞTI, 111382: PUŞCAŞU, 111391: STEJARU, 111408: VLÃDÃŞEŞTI, 111426: CORLÃŢEL, 111435: VALEA ANILOR, 111453: CUJMIR, 1114 62: AURORA, 111471: CUJMIRU MIC, 111499: DEVESEL, 111505: BATOŢI, 111514: BISTREŢU, 111523: DUNĀREA MICÃ, 111532: SCÃPÃU, 1115 41:TISMANA, 111569:DÂRVARI, 111578:GEMENI, 111596:DUMBRAVA DE JOS, 111603:ALBULEŞTI, 111612:DUMBRAVA DE MIJLOC, 111621 :DUMBRAVA DE SUS, 111630:GOLINEASA, 111649:HIGIU, 111658:ROCŞORENI, 111667:VALEA MARCULUI, 111676:VARODIA, 111694:FLOR EŞTI, 111701:COPÃCIOASA, 111710:GÂRDOAIA, 111729:LIVEZI, 111738:MOŞNENI, 111747:PEŞTEANA, 111756:PEŞTENUŢA, 111765:STRO EŞTI, 111774:ZEGUJANI, 111792:GÂRLA MARE, 111809:VRATA, 111827:GODEANU, 111836:MARGA, 111845:PÃUNEŞTI, 111854:ŞIROCA, 1 11872:GOGOŞU, 111881:BALTA VERDE, 111890:BURILA MICÃ, 111907:OSTROVU MARE, 111925:GRECI, 111934:BÂLTANELE, 111943:BLID ARU, 111952:SÃLÃTRUC, 111961:VALEA PETRII, 111970:VIŞINA, 111998:GROZEŞTI, 112003:CÂRCENI, 112012:PÃSÃRANI, 112021:ŞUŞIŢA, 112049: GRUIA, 112058: IZVOARELE, 112067: POIANA GRUII, 112085: HINOVA, 112094: BISTRIȚA, 112101: CÂRJEI, 112110: OSTROVU CORBUL UI, 112138:HUSNICIOARA, 112147:ALUNIŞUL, 112156:BĀDIŢEŞTI, 112165:BOROGEA, 112174:CELNATA, 112183:DUMBRĀVIŢA, 112192:M ARMANU, 112209: OPRÂNEŞTI, 112218: PERI, 112227: PRIBOIEŞTI, 112236: SELIŞTENI, 112254: EŞELNIŢA, 112272: ILOVÂŢ, 112281: BUDÂNE ŞTI, 112290:CRACU LUNG, 112307:DÂLBOCIŢA, 112316:FIRIZU, 112325:RACOVA, 112343:ILOVIŢA, 112352:BAHNA, 112361:MOISEŞTI, 11 2389:ISVERNA, 112398:BUSEŞTI, 112405:CERNA-VÂRF, 112414:DRÃGHEŞTI, 112423:GIURGIANI, 112432:NADANOVA, 112441:SELIŞTEA, 1 12450:TURTABA, 112478:IZVORU BÂRZII, 112487:BALOTESTI, 112496:HALÂNGA, 112502:PUŢINEI, 112511:RÃSCOLEŞTI, 112520:SCHINTE IEȘTI, 112539: SCHITU TOPOLNIȚEI, 112557: JIANA, 112566: CIOROBORENI, 112575: DÃNCEU, 112584: JIANA MARE, 112593: JIANA VECHE, 11 2619: LIVEZILE, 112628: IZVORÃLU DE JOS, 112637: IZVORU ANEŞTILOR, 112646: PETRIŞ, 112655: ŞTEFAN ODOBLEJA, 112673: MALOVÃŢ, 112 682:BOBAIȚA, 112691:COLIBAȘI, 112708:LAZU, 112717:NEGREȘTI, 112726:BÂRDA, 112735:23 AUGUST, 112753:OBÂRȘIA DE CÂMP, 1127 62:IZIMŞA, 112780:OPRIŞOR, 112799:PRISÃCEAUA, 112815:PÃDINA MARE, 112824:BIBAN, 112833:IABLANIŢA, 112842:OLTEANCA, 11285 1:PÃDINA MICÃ, 112860:SLAŞOMA, 112888:PÃTULELE, 112897:VIAŞU, 112922:BAIA NOUÃ, 112931:DUBOVA, 112940:EIBENTHAL, 11296 8:PODENI, 112977:GORNENŢI, 112986:MÃLĀRIŞCA, 113000:PONOARELE, 113019:BÃLUŢA, 113028:BÂRÂIACU, 113037:BRÂNZENI, 113046 :BUICANI, 113055:CEPTURENI, 113064:CRACU MUNTELUI, 113073:DELURENI, 113082:GÃRDÃNEASA, 113091:GHEORGHEŞTI, 113108:LU DU, 113117: PROITEȘTI, 113126: RĂICULEȘTI, 113135: ŞIPOTU, 113144: VALEA URSULUI, 113162: POROINA MARE, 113171: FÂNTÂNILE NEGR E, 113180:STIGNIȚA, 113199:ŞIPOTU, 113215:PRISTOL, 113224:COZIA, 113242:PRUNIȘOR, 113251:ARVÃTEȘTI, 113260:BALOTA, 113279: BÂLTANELE, 113288: CERVENIȚA, 113297: DRAGOTEȘTI, 113304: FÂNTÂNA DOMNEASCÃ, 113313: GHELMEGIOAIA, 113322: GÂRNIȚA, 11333 1:GUTU, 113340:IGIROASA, 113359:LUMNIC, 113368:MIJARCA, 113377:PRUNARU, 113386:ZEGAIA, 113402:PUNGHINA, 113411:CEARÂN GU, 113420: DRINCEA, 113439: MÃGURELE, 113448: RECEA, 113457: SATU NOU, 113475: ROGOVA, 113484: POROINIŢA, 113509: SALCIA, 113 527:STÂNGÃCEAUA, 113536:BÂRLOGENI, 113545:BREZNICIOARA, 113554:CERÂNGANUL, 113563:FAŢA MOTRULUI, 113572:POŞTA VECHE , 113581:SATU MARE, 113590:TÂRSA, 113616:SVINIŢA, 113634:ŞIŞEŞTI, 113643:CÃRÃMIDARU, 113652:CIOVÂRNÃŞANI, 113661:COCORO VA, 113670: CRÃGUEŞTI, 113689: NOAPTEŞA, 113705: ŞOVARNA, 113714: OHABA, 113723: STUDINA, 113741: TÂMNA, 113750: BOCENI, 113 769:COLARET, 113778:CREMENEA, 113787:FAȚA CREMENII, 113796:IZVORÃLU, 113803:MANU, 113812:PAVÃŢ, 113821:PLOPI, 113830:VA LEA URSULUI, 113858: VÂNÃTORI, 113867: BRANIŞTEA, 113876: GOANȚA, 113885: ROŞIORI, 113901: VÂNJULEȚ, 113910: HOTĂRANI, 113938: VLÃDAIA, 113947: ALMÃJEL, 113956: SCORILA, 113965: ŞTIRCOVIŢA, 113983: VOLOIAC, 113992: COTOROAIA, 114006: LAC, 114015: RUPTURA , 114024:SPERLEŞTI, 114033:ŢIŢIRIGI, 114042:VALEA BUNÃ, 114051:VOLOICEL, 114328:TÂRGU MUREŞ, 114337:MUREŞENI, 114346:REME TEA, 114364:CRISTEŞTI, 114373:VÃLURENI, 114391:SÂNCRAIU DE MUREŞ, 114408:NAZNA, 114426:SÂNGEORGIU DE MUREŞ, 114435:COT UŞ, 114444:TOFALÂU, 114462:SÂNTANA DE MUREŞ, 114471:BĂRDEŞTI, 114480:CHINARI, 114499:CURTENI, 114523:SIGHIŞOARA, 114532 :ANGOFA, 114541:AUREL VLAICU, 114550:RORA, 114569:ŞOROMICLEA, 114578:VENCHI, 114587:VIILOR, 114596:HETIUR, 114612:ALBEŞT I, 114621:BÂRLIBÃŞOAIA, 114630:BOIU, 114649:JACU, 114658:ŞAPARTOC, 114667:ŢOPA, 114676:VALEA ALBEŞTIULUI, 114685:VALEA DÃI I, 114694: VALEA ŞAPARTOCULUI, 114729: LUDUŞ, 114738: AVRĂMEŞTI, 114747: CIOARGA, 114756: CIURGĂU, 114765: FUNDĂTURA, 114774 :GHEJA, 114783:ROŞIORI, 114818:REGHIN, 114827:APALINA, 114836:IERNUŢENI, 114863:SOVATA, 114872:CÃPEŢI, 114881:ILIEŞI, 11489 0:SÃCÃDAT, 114907:SÃRÃŢENI, 114934:TÂRNÃVENI, 114943:BOTORCA, 114961:BOBOHALMA, 114989:ACÃŢARI, 114998:CORBEŞTI, 1150 03:GĂIEŞTI, 115012:GRUIŞOR, 115021:MURGEŞTI, 115030:ROTENI, 115049:STEJERIŞ, 115058:SUVEICA, 115067:VĂLENII, 115085:ADÂMU Ş, 115094: CHINCIUŞ, 115101: CORNEŞTI, 115110: CRÃIEŞTI, 115129: DÂMBÃU, 115138: HEREPEA, 115156: ALUNIŞ, 115165: FIŢCÃU, 115174 :LUNCA MUREŞULUI, 115192:APOLD, 115209:DAIA, 115218:ŞAEŞ, 115227:VULCAN, 115245:AŢINTIŞ, 115254:BOTEZ, 115263:CECÃLACA, 115272: IŞTIHAZA, 115281: MALDAOCI, 115290: SÂNIACOB, 115316: BAHNEA, 115325: BERNADEA, 115334: CUND, 115343: DAIA, 115352: G OGAN, 115361:IDICIU, 115370:LEPINDEA, 115398:BAND, 115405:DRÃCULEA BANDULUI, 115414:FÂNAŢE, 115423:FÂNAŢELE MÃDÃRAŞU LUI, 115432: IŞTAN-TÃU, 115441: MÃDĀRAŞ, 115450: MÃRÃŞEŞTI, 115469: NEGRENII DE CÂMPIE, 115478: OROIU, 115487: PETEA, 115496: ȚI PTELNIC, 115502: VALEA MARE, 115511: VALEA RECE, 115539: BATOŞ, 115548: DEDRAD, 115557: GORENI, 115566: UILA, 115584: BÃGACIU, 115593: DELENII, 115619: BÃLA, 115628: ERCEA, 115646: BÃLÃUŞERI, 115655: AGRIŞTEU, 115664: CHENDU, 115673: DUMITRENI, 115682: FI LITELNIC, 115691:SENEREUŞ, 115717:BEICA DE JOS, 115726:BEICA DE SUS, 115735:CÃCUCIU, 115744:NADÃŞA, 115753:SÂNMIHAI DE PÃ DURE, 115762: ŞERBENI, 115780: BICHIŞ, 115799: GÂMBUŢ, 115806: NANDRA, 115815: OZD, 115833: BOGATA, 115842: RANTA, 115860: BRE AZA, 115879: FILPIŞU MARE, 115888: FILPIŞU MIC, 115904: BRÂNCOVENEŞTI, 115913: IDICEL, 115922: IDICEL-PÃDURE, 115931: SÃCALU DE PÃDURE, 115940: VÃLENII DE MUREŞ, 115968: CEUAŞU DE CÂMPIE, 115977: BOZED, 115986: CÂMPENIȚA, 115995: CULPIU, 116000: HERGH ELIA, 116019: PORUMBENI, 116028: SÃBED, 116037: VOINICENI, 116055: CHEŢANI, 116064: COASTA GRINDULUI, 116073: CORDOS, 116082: GIURGIŞ, 116091:GRINDENI, 116108:HÃDÃRENI, 116117:LINŢ, 116135:CHIHERU DE JOS, 116144:CHIHERU DE SUS, 116153:URISIU DE JOS , 116162: URISIU DE SUS, 116180: COROISÂNMÃRTIN, 116199: COROI, 116206: ODRIHEI, 116215: ŞOIMUŞ, 116233: COZMA, 116242: FÂNAȚE LE SOCOLULUI, 116251: SOCOLU DE CÂMPIE, 116260: VALEA SASULUI, 116279: VALEA UNGURULUI, 116297: CRÃCIUNEŞTI, 116304: BUDIU MIC, 116313:CINTA, 116322:CORNEŞTI, 116331:TIRIMIOARA, 116359:CRĂIEŞTI, 116368:LEFAIA, 116377:MILÂŞEL, 116386:NIMA MILÂŞEL ULUI, 116402: CUCERDEA, 116411: BORD, 116420: ŞEULIA DE MUREŞ, 116448: CUCI, 116457: DÃTÃŞENI, 116466: DUPÃ DEAL, 116475: OROS IA, 116484: PETRILACA, 116509: DANEŞ, 116518: CRIŞ, 116527: SELEUŞ, 116536: STEJĀRENII, 116554: DEDA, 116563: BISTRA MUREŞULUI, 11 6572: FILEA, 116581: PIETRIŞ, 116607: EREMITU, 116616: CÃLUGÃRENI, 116625: CÂMPU CETÃŢII, 116634: DÃMIENI, 116643: MÃTRICI, 11666 1: ERNEI, 116670: CÃLUSERI, 116689: DUMBRÃVIOARA, 116698: ICLAND, 116705: SÃCÃRENI, 116714: SÂNGERU DE PÃDURE, 116732: FÃRÃG ÃU, 116741: FÂNAȚE, 116750: HODAIA, 116769: ONUCA, 116778: POARTA, 116787: TONCIU, 116803: FÂNTÂNELE, 116812: BORDOȘIU, 11682 1:CÃLIMÃNEŞTI, 116830:CIBU, 116849:ROUA, 116858:VIFOROASA, 116876:GÃLEŞTI, 116885:ADRIANU MARE, 116894:ADRIANU MIC, 116 901:BEDENI, 116910:MAIAD, 116929:TROIŢA, 116947:GÃNEŞTI, 116956:CUŞTELNIC, 116965:PÃUCIŞOARA, 116974:SUB PÃDURE, 116992 :GHEORGHE DOJA, 117006:ILIENI, 117015:LEORDENI, 117024:SATU NOU, 117033:TIRIMIA, 117051:GHINDARI, 117060:ABUD, 117079:CE IE, 117088: CHIBED, 117097: SOLOCMA, 117104: TREI SATE, 117122: GLODENI, 117131: MERIŞOR, 117140: MOIŞA, 117159: PÃCURENI, 1171 68: PÃINGENI, 117186: GORNEŞTI, 117195: IARA DE MUREŞ, 117202: ILIOARA, 117211: MURA MARE, 117220: MURA MICÃ, 117239: PÃDUREN I, 117248:PERIȘ, 117257:PETRILACA DE MUREȘ, 117266:TELEAC, 117284:GREBENIȘU DE CÂMPIE, 117293:LEORINȚA, 117300:VALEA SÂNP ETRULUI, 117328:GURGHIU, 117337:ADRIAN, 117346:CAŞVA, 117355:COMORI, 117364:FUNDOAIA, 117373:GLÃJÃRIE, 117382:LARGA, 11 7391: ORŞOVA, 117408: ORŞOVA-PÃDURE, 117417: PÃULOAIA, 117435: HODAC, 117444: ARŞIŢA, 117453: BICAŞU, 117462: DUBIŞTEA DE PÃ DURE, 117471: MIRIGIOAIA, 117480: TOACA, 117499: URICEA, 117514: HODOŞA, 117523: IHOD, 117532: ISLA, 117541: SÂMBRIAŞ, 117569: I

APPENDIX B — CATEGORIES 63 / 74

BÃNEŞTI, 117578: BLIDIREASA, 117587: BRÃDEŢELU, 117596: DULCEA, 117603: IBÃNEŞTI-PÃDURE, 117612: LÃPUŞNA, 117621: PÂRÂU MARE , 117630:TIREU, 117649:TISIEU, 117658:ZIMŢI, 117676:ICLÃNZEL, 117685:CÃPUŞU DE CÂMPIE, 117694:CHISĀLIŢA, 117701:DUPÃ DEAL, 117710: FÂNAŢE, 117729: FÂNAŢELE CÃPUŞULUI, 117738: GHIDAŞTEU, 117747: ICLANDU MARE, 117756: MÃDÃRÃŞENI, 117765: TÃBLÃŞENI , 117774: VALEA ICLANDULUI, 117792: IDECIU DE JOS, 117809: DELENI, 117818: IDECIU DE SUS, 117836: IERNUT, 117845: CIPÃU, 117854: D EAG, 117863: LECHINȚA, 117872: OARBA DE MUREŞ, 117881: PORUMBAC, 117890: RACAMEŢ, 117907: SÃLCUD, 117916: SFÂNTU GHEORGH E, 117934:LIVEZENI, 117943:BOZENI, 117952:CORUNCA, 117961:IVÃNEŞTI, 117970:POIENIȚA, 117989:SÂNIŞOR, 118003:LUNCA, 118012: BÃIŢA, 118021: FRUNZENI, 118030: LOGIG, 118049: SÂNTU, 118067: LUNCA BRADULUI, 118076: NEAGRA, 118085: SÃLARD, 118101: MÃGHE RANI, 118110: BERENI, 118129: BÂRA, 118138: CÂNDU, 118147: DROJDII, 118156: EREMIENI, 118165: MAIA, 118174: MÃRCULENI, 118183: ŞI LEA NIRAJULUI, 118192: TORBA, 118218: MICA, 118227: ABUŞ, 118236: CÃPÂLNA DE SUS, 118245: CEUAŞ, 118254: DEAJ, 118263: HÃRÃNGLA B, 118272: ŞOMOŞTELNIC, 118290: MIERCUREA NIRAJULUI, 118307: BEU, 118316: DUMITREŞTII, 118325: LÃURENI, 118334: MOŞUNI, 118343 :ŞARDU NIRAJULUI, 118352:TÂMPA, 118361:VEŢA, 118389:MIHEŞU DE CÂMPIE, 118398:BUJOR, 118405:CIRHAGÃU, 118414:GROAPA RÃD ÃII, 118423:MOGOAIA, 118432:RÃZOARE, 118441:ŞÃULIŢA, 118450:ŞTEFANCA, 118478:NADEŞ, 118487:MÃGHERUŞ, 118496:PIPEA, 1185 02:ŢIGMANDRU, 118520:NEAUA, 118539:GHINEŞTI, 118548:RIGMANI, 118557:SÂNSIMION, 118566:VĀDAŞ, 118584:OGRA, 118593:DILE U VECHI, 118600: GIULUŞ, 118619: LÃSCUD, 118628: VAIDEIU, 118646: PAPIU ILARIAN, 118655: DOBRA, 118664: MERIŞORU, 118673: ŞANDR U, 118682 : URSOAIA, 118708 : PÃNET, 118717 : BERGHIA, 118726 : CUIEŞD, 118735 : HÃRŢÃU, 118744 : SÂNTIOANA DE MUREŞ, 118762 : PÃSÃR ENI, 118771: BOLINTINENI, 118780: GÃLÃŢENI, 118806: PETELEA, 118815: HABIC, 118833: POGÃCEAUA, 118842: BOLOGAIA, 118851: CIULE A, 118860: DELENI, 118879: FÂNTÂNA BABII, 118888: PÂRÂU CRUCII, 118897: SCURTA, 118904: SICELE, 118913: VALEA SÂNPETRULUI, 11892 2:VÃLENI, 118940:RÃSTOLIŢA, 118959:ANDRENEASA, 118968:BORZIA, 118977:GÃLÃOAIA, 118986:IOD, 119000:RÂCIU, 119019:CÃCIULA TA, 119028: COASTA MARE, 119037: COTORINÃU, 119046: CUREŢE, 119055: HAGÃU, 119064: LENIŞ, 119073: NIMA RÂCIULUI, 119082: OBÂR ŞIE, 119091: PÂRÂU CRUCII, 119108: SÂNMÃRTINU DE CÂMPIE, 119117: ULIEŞ, 119126: VALEA SEACĂ, 119135: VALEA SÂNMÃRTINULUI, 119 144: VALEA ULIEŞULUI, 119162: RUŞII-MUNŢI, 119171: MAIOREŞTI, 119180: MORÃRENI, 119199: SEBEŞ, 119215: SASCHIZ, 119224: CLOAŞTE RF, 119233:MIHAI VITEAZU, 119251:SARMAŞU, 119260:BALDA, 119279:LARGA, 119288:MORUŢ, 119297:SÃRMÃŞEL, 119304:SÃRMÃŞEL-G ARÃ, 119313:TITIANA, 119322:VIŞINELU, 119340:SÂNGEORGIU DE PÃDURE, 119359:BEZID, 119368:BEZIDU NOU, 119377:LOŢU, 119395: SÂNGER, 119402:BÂRZA, 119411:CIPÃIENI, 119420:DALU, 119439:PRIPOARE, 119448:VÃLIŞOARA, 119457:ZÃPODEA, 119475:SÂNPAUL, 1 19484: CHIRILEU, 119493: DILEU NOU, 119509: SÂNMÃRGHITA, 119518: VALEA IZVOARELOR, 119536: SÂNPETRU DE CÂMPIE, 119545: BÂRLI BAŞ, 119554: DÂMBU, 119563: SATU NOU, 119572: SÂNGEORGIU DE CÂMPIE, 119581: TUŞINU, 119607: SOLOVÃSTRU, 119616: JABENIŢA, 11 9634:STÂNCENI, 119643:CIOBOTANI, 119652:MEŞTERA, 119670:SUPLAC, 119689:IDRIFAIA, 119698:LASLÃU MARE, 119705:LASLÃU MIC, 119714: VAIDACUȚA, 119732: SUSENI, 119741: LUIERIU, 119769: ŞÃULIA, 119778: LEORINȚA-ŞÃULIA, 119787: MÂCICÂȘEȘTI, 119796: PÂDU REA, 119812:ŞINCAI, 119821:LECHINCIOARA, 119830:PUSTA, 119849:ŞINCAI-FÂNAŢE, 119867:TÃURENI, 119876:FÂNAŢE, 119885:MOAR A DE JOS, 119901:UNGHENI, 119910:CERGHID, 119929:CERGHIZEL, 119938:MOREŞTI, 119947:RECEA, 119956:ŞÃUŞA, 119965:VIDRASÃU, 119983: VALEA LARGÃ, 119992: GRÃDINI, 120003: MÃLÃEŞTI, 120012: PODURI, 120021: VALEA FRÃŢIEI, 120030: VALEA GLODULUI, 120049: V ALEA PÃDURII, 120058: VALEA ŞURII, 120067: VALEA URIEŞULUI, 120085: VÃRGATA, 120094: GRÂUŞORUL, 120101: MITREŞTI, 120110: VADU, 120129:VALEA, 120147:VÃTAVA, 120156:DUMBRAVA, 120165:RÂPA DE JOS, 120183:VEŢCA, 120192:JACODU, 120209:SÃLAŞURI, 120227:V IIŞOARA, 120236: ORMENIŞ, 120245: SÂNTIOANA, 120263: VÂNÃTORI, 120272: ARCHITA, 120281: FELEAG, 120290: MURENI, 120307: ŞOARD, 120325: VOIVODENI, 120334: TOLDAL, 120352: ZAGÃR, 120361: SELEUŞ, 120389: ZAU DE CÂMPIE, 120398: BÃRBOŞI, 120405: BOTEI, 120414 :BUJOR-HODAIE, 120423: CIRETEA, 120432: GAURA SÂNGERULUI, 120441: MALEA, 120450: \$FEFÃNEACA, 120469: TÃU, 120520: \$ÂNVÃSII, 1 20539:CIBA, 120548:FOI, 120557:NICOLEŞTI, 120566:SEUCA, 120735:PIATRA-NEAMŢ, 120744:CIRITEI, 120753:DOAMNA, 120762:VÃLENI , 120780: DUMBRAVA ROŞIE, 120799: BRĂŞÃUŢI, 120806: CUT, 120815: IZVOARE, 120833: SÃVINEŞTI, 120842: DUMBRAVA DEAL, 120879: RO MAN, 120897: CORDUN, 120904: PILDEŞTI, 120913: SIMIONEŞTI, 120931: HORIA, 120940: COTU VAMEŞ, 120977: BICAZ, 120986: CAPŞA, 120 995: DODENI, 121000: IZVORU MUNTELUI, 121019: IZVORUL ALB, 121028: POTOCI, 121037: SECU, 121064: TÂRGU NEAMŢ, 121073: BLEBEA, 121082:HUMULEŞTI, 121091:HUMULEŞTII NOI, 121117:AGAPIA, 121126:FILIOARA, 121135:SÃCÃLUŞEŞTI, 121144:VARATEC, 121162:BAH NA, 121171: ARÃMEŞTI, 121180: BÃHNIŞOARA, 121199: BROŞTENI, 121206: IZVOARE, 121215: LILIAC, 121224: ŢUŢCANII DIN DEAL, 121233: ŢUŢCANII DIN VALE, 121251:BĂLŢĂTEŞTI, 121260:GHINDĂOANI, 121279:VALEA ARINI, 121288:VALEA SEACĂ, 121304:BICAZ-CHEI, 121313 :BÂRNADU, 121322:GHERMAN, 121331:IVANEŞ, 121359:BICAZU ARDELEAN, 121368:TELEC, 121377:TICOŞ, 121395:BIRA, 121402:BOGHI CEA, 121411: CÃUŞENI, 121420: NEGREŞTI, 121439: NISTRIA, 121448: REDIU, 121457: SLOBOZIA, 121475: BÂRGĂUANI, 121484: BAHNA MAR E, 121493:BARATCA, 121509:BÃLÃNEŞTI, 121518:BREAZA, 121527:CERTIENI, 121536:CHILIA, 121545:DÂRLOAIA, 121554:GHELÃIEŞTI, 12 1563: HÂRTOP, 121572: HOMICENI, 121581: TALPA, 121590: VLÃDICENI, 121616: BODEŞTI, 121625: BODEŞTII DE JOS, 121634: CORNI, 12164 3:OŞLOBENI, 121661:BORCA, 121670:LUNCA, 121689:MÃDEI, 121698:PÂRÂUL CÂRJEI, 121705:PÂRÂUL PÂNTEI, 121714:SABASA, 121723: SOCI, 121741:BORLEŞTI, 121750:NECHIT, 121769:MASTACÃN, 121778:RUSENI, 121787:ŞOVOAIA, 121803:BOTEŞTI, 121812:BARTICEŞTI, 121821:DAVID, 121830:MORENI, 121849:MUNTENI, 121858:NISIPOREȘTI, 121867:VÃLENI, 121885:BOZIENI, 121894:BÃNEASA, 121901:C RÃIEŞTI, 121910:CUCI, 121929:IUCŞA, 121947:BRUSTURI, 121956:DRÃGÃNEŞTI, 121965:GROŞI, 121974:ORŢÃŞTI, 121983:POIANA, 12199 2:RÂŞCA, 122007:ŞOIMÃREŞTI, 122016:TÂRZIA, 122034:CEAHLÃU, 122043:BISTRICIOARA, 122052:PÂRÂUL MARE, 122070:CÂNDEŞTI, 122 089:BÃRCÃNEŞTI, 122098:DRAGOVA, 122105:PÃDURENI, 122114:ŢÂRDENII MICI, 122123:VÃDURELE, 122141:COSTIŞA, 122150:DORNEŞT I, 122169: FRUNZENI, 122178: MÃNOAIA, 122196: CRÃCÃOANI, 122203: CRACÃUL NEGRU, 122212: MAGAZIA, 122221: MITOCU BÃLAN, 1222 30: POIANA CRÃCÃOANI, 122258: DÃMUC, 122267: HUISUREZ, 122276: TREI FÂNTÂNI, 122294: DOBRENI, 122301: CÃŞÃRIA, 122310: NEGRE \$TI, 122329: POIANA, 122338: SÃRATA, 122356: DOLJEŞTI, 122365: BUHONCA, 122374: BURUIENEŞTI, 122383: ROTUNDA, 122409: DRAGOMI REŞTI, 122418: BORNIŞ, 122427: HLĀPEŞTI, 122436: MASTACÃN, 122445: UNGHI, 122454: VAD, 122472: DULCEŞTI, 122481: BOZIENII DE SU S, 122490:BRIŢCANI, 122506:CÂRLIG, 122515:CORHANA, 122524:POIANA, 122533:ROŞIORI, 122542:RUGINOASA, 122560:FARCAŞA, 1225 79:BUŞMEI, 122588:FRUMOSU, 122597:POPEŞTI, 122604:STEJARU, 122622:FÃUREI, 122631:BUDEŞTI, 122640:CLIMEŞTI, 122659:MICŞU NEŞTI, 122677:GHERÃEŞTI, 122686:GHERÃEŞTII NOI, 122695:TEŢCANI, 122711:GIROV, 122720:BÃLUŞEŞTI, 122739:BOŢEŞTI, 122748:CÃ CIULEŞTI, 122757: DÃNEŞTI, 122766: DOCHIA, 122775: DOINA, 122784: GURA VÃII, 122793: POPEŞTI, 122800: TURTUREŞTI, 122819: VERŞEŞ TI, 122837:GÂRCINA, 122846:ALMAŞ, 122855:CUEJDIU, 122873:GRINŢIEŞ, 122882:BRADU, 122891:POIANA, 122917:GRUMÃZEŞTI, 12292 6:CURECHIŞTEA, 122935:NETEZI, 122944:TOPOLIŢA, 122962:HANGU, 122971:BUHALNIŢA, 122980:CHIRIŢENI, 122999:GROZÃVEŞTI, 123 004: RUGINEŞTI, 123022: ICUŞEŞTI, 123031: BÃLUŞEŞTI, 123040: BÃTRÂNEŞTI, 123059: CHILII, 123068: MESTEACÃN, 123077: ROCNA, 12308 6:SPIRIDONEŞTI, 123095:TABÂRA, 123111:ION CREANGĂ, 123120:AVEREŞTI, 123139:IZVORU, 123148:MUNCELU, 123157:RECEA, 123166  $: STEJARU, 12\bar{3}184: M\tilde{A}RGINENI, 123193: H\hat{A}RTE\$TI, 123200: HOISE\$TI, 123219: ITRINE\$TI, 123237: MOLDOVENI, 123246: HOCIUNGI, 123264: HOCIUNGI, HOCIUNGI, HOCIUNGI, HOCIUNGI, HOCIUNGI, HOCIUNGI, HOCIUNGI, HOCIUNGI, HOCIUNGI, HOCIUNGI, HOCIUNGI, HOCIUNGI, HOCIUNGI, HOCIUNGI, HOCIUNGI, HOCIUNGI, HOCIUNGI, HOCIUNG$ :ONICENI, 123273:CIORNEI, 123282:GORUN, 123291:LINSESTI, 123308:LUNCA, 123317:MÃRMURENI, 123326:PIETROSU, 123335:POIANA HUMEI, 123344: PUSTIETA, 123353: SOLCA, 123362: VALEA ENEI, 123380: PÄSTRÄVENI, 123399: LUNCA MOLDOVEI, 123406: RÄDENI, 123415 :SPIEŞTI, 123433:PETRICANI, 123442:BOIŞTEA, 123451:TÂRPEŞTI, 123460:ŢOLICI, 123488:PIATRA ŞOIMULUI, 123497:LUMINIŞ, 123503: NEGULEŞTI, 123512: POIENI, 123530: PIPIRIG, 123549: BOBOIEŞTI, 123558: DOLHEŞTI, 123567: LEGHIN, 123576: PÂŢÂLIGENI, 123585: PLUT ON, 123594:STÂNCA, 123610:PÂNGÃRAŢI, 123629:OANŢU, 123638:PÂNGÃRÃCIOR, 123647:POIANA, 123656:PRELUCA, 123665:STEJARU, 123683: PODOLENI, 123692: NEGRITEŞTI, 123718: POIENARI, 123727: BUNGHI, 123736: CIUREA, 123745: HOLM, 123754: PATRICHENI, 12376 3: PÂNCEŞTI, 123772: SĂCĂLENI, 123781: TĂLPĂLĂI, 123807: POIANA TEIULUI, 123816: CĂLUGĂRENI, 123825: DREPTU, 123834: GALU, 1238 43:PETRU VODĀ, 123852:PĀRĀUL FAGULUI, 123861:POIANA LARGULUI, 123870:ROŞENI, 123889:RUSENI, 123898:SĀVINEŞTI, 123905:TOP OLICENI, 123923: RÃUCEŞTI, 123932: OGLINZI, 123941: SÃVEŞTI, 123950: UNGHENI, 123978: RÃZBOIENII DE JOS, 123987: BORŞENI, 123996: RÃZBOIENI, 124000: VALEA ALBÃ, 124019: VALEA MARE, 124037: REDIU, 124046: BEŢEŞTI, 124055: POLOBOC, 124064: SOCEA, 124082: ROM ÂNI, 124091:GOŞMANI, 124108:SILIŞTEA, 124126:ROZNOV, 124135:CHINTINICI, 124144:SLOBOZIA, 124162:SAGNA, 124171:GÂDINŢI, 12

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4180:LUŢCA, 124199:VULPÃŞEŞTI, 124215:SÃBÃOANI, 124224:TRAIAN, 124242:SECUIENI, 124251:BAŞTA, 124260:BÂRJOVENI, 124279:B OGZEŞTI, 124288:BUTNÃREŞTI, 124297:GIULEŞTI, 124304:PRÃJEŞTI, 124313:SECUIENII NOI, 124322:UNCEŞTI, 124340:STÂNIŢA, 124359: CHICEREA, 124368: GHIDION, 124377: POIENILE OANCEI, 124386: TODIRENI, 124395: VEJA, 124402: VLÃDNICELE, 124420: ŞTEFAN CEL MARE , 124439:BORDEA, 124448:CÂRLIGI, 124457:DELENI, 124466:DUŞEŞTI, 124475:GHIGOIEŞTI, 124484:SOCI, 124509:TARCÂU, 124518:ARD ELUŢA, 124527: BRATEŞ, 124536: CAZACI, 124545: SCHITU TARCÃU, 124554: STRAJA, 124572: TAŞCA, 124581: HAMZOAIA, 124590: NEAGRA, 124607:TICOŞ-FLOAREA, 124625:TAZLÃU, 124643:TÃMÃŞENI, 124652:ADJUDENI, 124670:TIMIŞEŞTI, 124689:DUMBRAVA, 124698:PLÃIEŞ U, 124705: PREUTEȘTI, 124714: ZVORĂNEȘTI, 124732: TRIFEȘTI, 124741: MIRON COSTIN, 124769: TUPILAȚI, 124778: ARÂMOAIA, 124787: HA NUL ANCUŢEI, 124796:TOTOIEŞTI, 124812:ŢIBUCANI, 124821:DAVIDENI, 124830:ŢIBUCANII DE JOS, 124858:URECHENI, 124867:INGĀREŞ TI, 124876: PLUGARI, 124894: VALEA URSULUI, 124901: BUCIUM, 124910: GIURGENI, 124929: MUNCELU DE JOS, 124947: VIIŞOARA, 124956: AGÂRCIA, 124965: BISERICANI, 124974: BISTRIȚA, 124983: SCÃRICICA, 124992: VADURI, 125007: VÃDURELE, 125025: VÂNÃTORI-NEAMȚ, 125 034:LUNCA, 125043:MÃNÃSTIREA NEAMŢ, 125052:NEMŢIŞOR, 125070:ZÃNEŞTI, 125089:TRAIAN, 125356:SLATINA, 125365:CIREAŞOV, 12 5383:SLÃTIOARA, 125392:SALCIA, 125427:BALŞ, 125436:CORBENI, 125445:ROMÂNA, 125454:TEIŞ, 125481:CARACAL, 125506:DRÃGHICE NI, 125515: GROZÂVEŞTI, 125524: LIICENI, 125551: CORABIA, 125560: TUDOR VLADIMIRESCU, 125579: VÂRTOPU, 125597: GÂRCOV, 125604: URSA, 125631: DRÃGÃNEŞTI-OLT, 125640: COMANI, 125668: BÃBICIU, 125686: BÃLEASA, 125695: BALDOVINEŞTI, 125702: BROŞTENI, 12571 1:DÂMBURILE, 125720:GÃVÃNEŞTI, 125739:GUBANDRU, 125748:PIETRIŞ, 125766:BÃRÃŞTII DE VEDE, 125775:BÃRÃŞTII DE CEPTURI, 1257 84:BOROEŞTI, 125793:CIOCÃNEŞTI, 125800:LÃZÃREŞTI, 125819:MERENI, 125828:MOŢOEŞTI, 125837:POPEŞTI, 125855:BÂRZA, 125864:B RANET, 125882: BOBICEŞTI, 125891: BECHET, 125908: BELGUN, 125917: CHINTEŞTI, 125926: COMĀNEŞTI, 125935: GOVORA, 125944: LEOTE ŞTI, 125953:MIRILA, 125971:BRASTAVĀŢU, 125980:CRUŞOVU, 126004:BREBENI, 126013:TEIUŞU, 126031:BRÂNCOVENI, 126040:MÃRGHE NI, 126059: OCIOGI, 126068: VĂLENI, 126086: BUCINIŞU, 126095: BUCINIŞU MIC, 126111: CEZIENI, 126120: BONDREA, 126139: CORLĂTEȘTI , 126157: CILIENI, 126175: CÂRLOGANI, 126184: BECULEȘTI, 126193: CEPARI, 126200: SCORBURA, 126219: STUPINA, 126237: COLONEȘTI, 12 6246:BÃRÃŞTI, 126255:BÃTÃRENI, 126264:CHELBEŞTI, 126273:CÂRSTANI, 126282:GUEŞTI, 126291:MÃRUNŢEI, 126308:NÃVÂRGENI, 126 317:VLAICI, 126335:CORBU, 126344:BURDULEŞTI, 126353:BUZEŞTI, 126362:CIUREŞTI, 126371:MILCOVENI, 126399:COTEANA, 126415:C RÂMPOIA, 126424: BUTA, 126442: CURTIŞOARA, 126451: DOBROTINET, 126460: LINIA DIN VALE, 126479: PIETRIŞU, 126488: PROASPEŢI, 126 497:RAIŢIU, 126512:CUNGREA, 126521:CEPEŞTI, 126530:IBÃNEŞTI, 126549:MIEŞTI, 126558:OTEŞTII DE JOS, 126567:OTEŞTII DE SUS, 126 576:SPÃTARU, 126594:DÃNEASA, 126601:BERINDEI, 126610:CIOFLANU, 126629:PESTRA, 126638:ZÃNOAGA, 126656:DEVESELU, 126665: COMANCA, 126683: DOBREŢU, 126692: CURTIŞOARA, 126709: HOREZU, 126727: DOBROSLOVENI, 126736: FRÃSINETU, 126745: POTOPINU, 1 26754:REŞCA, 126763:REŞCUŢA, 126781:DOBROTEASA, 126790:BATIA, 126807:CÂMPU MARE, 126816:VULPEŞTI, 126834:OSICA DE JOS, 1 26843:BOBU, 126852:CHILII, 126861:DOBRUN, 126870:ROŞIENII MARI, 126889:ROŞIENII MICI, 126898:ULMET, 126914:FÃGEŢELU, 12692 3:BÂGEŞTI, 126932:CHILIA, 126941:GRUIU, 126950:ISACI, 126969:PIELCANI, 126987:FÃLCOIU, 126996:CIOROIAŞU, 127000:CIOROIU, 12 7028:FÃRCAŞELE, 127037:FÃRCAŞU DE JOS, 127046:GHIMPAŢI, 127055:HOTÃRANI, 127073:GÃNEASA, 127082:DRANOVÃŢU, 127091:GRÃ DIŞTEA, 127108:IZVORU, 127117: OLTIŞORU, 127135: GIUVÃRÃŞTI, 127153: GOSTAVÃŢU, 127162: SLÃVENI, 127180: GRÃDINARI, 127199: PE TCULEŞTI, 127206: RUNCU MARE, 127215: SATU NOU, 127233: GROJDIBODU, 127242: HOTARU, 127260: IANCA, 127279: POTELU, 127297: IA NCU JIANU, 127304: DOBRICENI, 127313: PREOTEȘTI, 127331: ICOANA, 127340: FLORU, 127359: URSOAIA, 127377: IZBICENI, 127395: IZVOA RELE, 127402: ALIMÂNEŞTI, 127420: LELEASCA, 127439: AFUMAŢI, 127448: GREEREŞTI, 127457: MIERLICEŞTI, 127466: TONEŞTI, 127475: TUF ARU, 127484:URŞI, 127509:MÃRUNŢEI, 127518:BÃLÃNEŞTI, 127527:MALU ROŞU, 127545:MIHÃEŞTI, 127554:BUŞCA, 127572:ULMI, 12758 1:IPOTESTI, 127590:MILCOVU DIN DEAL, 127607:MILCOVU DIN VALE, 127616:STEJARU, 127634:MORUNGLAV, 127643:BÃRÃŞTI, 127652:G HIOŞANI, 127661: MORUNEŞTI, 127670: POIANA MARE, 127698: MOVILENI, 127705: BACEA, 127723: NICOLAE TITULESCU, 127732: GHIMPET ENI, 127741: GHIMPEŢENII NOI, 127769: OBÂRŞIA, 127778: CÂMPU PĂRULUI, 127787: COTENI, 127796: OBÂRŞIA NOUĂ, 127803: TABONU, 1 27821: OBOGA, 127830: CÃLUI, 127849: GURA CÃLUIU, 127867: OPORELU, 127876: BERIA DE JOS, 127885: BERIA DE SUS, 127894: RÃDEŞTI, 127910:OPTAŞI, 127929:VITĂNEŞTI, 127947:ORLEA, 127956:GURA PADINII, 127965:ORLEA NOUÃ, 127974:SATU NOU, 127992:VLÃDULEN I, 128007: GRECI, 128016: OSICA DE SUS, 128025: OSTROV, 128034: PERETU, 128043: TOMENI, 128061: PERIEȚI, 128070: BĂLTENI, 128089: MÃGURA, 128098: MIERLEŞTII DE SUS, 128114: PIATRA-OLT, 128123: BISTRIŢA NOUÃ, 128132: CRIVA DE JOS, 128141: CRIVA DE SUS, 128150 :ENOȘEȘTI, 128169:PIATRA, 128187:PÂRȘCOVENI, 128196:BUTOI, 128203:OLARI, 128212:ŞOPÂRLIȚA, 128230:PLEȘOIU, 128249:ARCEȘTI, 128258:ARCEŞTI COT, 128267:COCORÂŞTI, 128276:DOBA, 128285:SCHITU DIN DEAL, 128294:SCHITU DIN VALE, 128310:POBORU, 128329 :ALBEŞTI, 128338:CORNÃŢELU, 128347:CREŢI, 128356:SEACA, 128365:SURPENI, 128383:POTCOAVA, 128392:POTCOAVA FÃLCOENI, 1284 09:SINEŞTI, 128418:TRUFINEŞTI, 128427:VALEA MERILOR, 128445:PRISEACA, 128454:BUICEŞTI, 128463:SÃLTÃNEŞTI, 128481:RADOMIRE ŞTI, 128490: CĂLINEŞTI, 128506: CRĂCIUNEI, 128515: POIANA, 128533: REDEA, 128542: REDIŞOARA, 128551: VALEA SOARELUI, 128579: ROT UNDA, 128597: RUSÃNEŞTI, 128604: JIENI, 128622: SCÃRIŞOARA, 128631: PLÃVICENI, 128640: RUDARI, 128668: SCHITU, 128677: CATANELE, 128686:GRECI, 128695:LISA, 128702:MOŞTENI, 128720:SCORNICEŞTI, 128739:BÃLŢAŢI, 128748:BIRCII, 128757:CHIŢEASCA, 128766:CO NSTANTINEŞTI, 128775: JITARU, 128784: MÃRGINENI SLOBOZIA, 128793: MIHÃILEŞTI POPEŞTI, 128800: MOGOŞEŞTI, 128819: NEGRENI, 128 828: PISCANI, 128837: RUSCIORI, 128846: ŞUICA, 128855: TEIUŞ, 128873: SEACA, 128891: SÂMBUREŞTI, 128908: CERBENI, 128917: IONICEŞ TI, 128926:LÃUNELE, 128935:MÃNULEŞTI, 128944:STÃNULEASA, 128953:TONEŞTI, 128971:ALUNIŞU, 128980:CUZA VODÃ, 128999:DAVID EȘTI, 129004: OPTÃŞANI, 129013: PROFA, 129022: SPINENI, 129031: VINEȚI, 129059: SPRÂNCENATA, 129068: BÂRSEȘTII DE SUS, 129077: FR UNZARU, 129086: URIA, 129102: STOENEŞTI, 129120: STOICÃNEŞTI, 129148: STREJEŞTI, 129157: COLIBAŞI, 129166: MAMURA, 129175: STREJ EȘTII DE SUS, 129193:STUDINA, 129200:ARVÃTEASCA, 129219:GRÃDINILE, 129228:PLÃVICEANCA, 129237:STUDINIȚA, 129255:ŞERBÃNEŞ TI, 129264:STRUGURELU, 129273:ŞERBÃNEŞTII DE SUS, 129291:ŞTEFAN CEL MARE, 129308:IANCA NOUÃ, 129326:TÃTULEŞTI, 129335:BÃ RBÃLÃI, 129344:LUNCA, 129353:MÃGURA, 129362:MIRCEŞTI, 129371:MOMAIU, 129399:TESLUI, 129406:CHERLEŞTII DIN DEAL, 129415:C HERLEŞTII MOŞTENI, 129424: COMÂNIŢA, 129433: CORBU, 129442: DELENI, 129451: SCHITU DELENI, 129479: TIA MARE, 129488: DOANCA, 129497: POTLOGENI, 129512: TOPANA, 129521: CIORÂCA, 129530: CÂNDELEŞTI, 129549: COJGÃREI, 129558: UNGURENI, 129576: TRAIAN, 12 9594:TUFENI, 129601:BARZA, 129610:STOBORĂŞTI, 129638:URZICA, 129647:STÂVARU, 129665:VALEA MARE, 129674:BÂRCA, 129683:RE CEA, 129692:TURIA, 129709:ZORLEASCA, 129727:VIŞINA NOUÃ, 129736:VÃDASTRA, 129754:VÃDÃSTRIŢA, 129772:VÃLENI, 129781:MAND RA, 129790: POPEȘTI, 129807: TIRIȘNEAG, 129825: VERGULEASA, 129834: CÃZÃNEȘTI, 129843: CUCUEȚI, 129852: DUMITREȘTI, 129861: POG ANU, 129870: VALEA FETEI, 129889: VÂNEŞTI, 129905: VIŞINA, 129923: VITOMIREŞTI, 129932: BULIMANU, 129941: DEJEŞTI, 129950: DONEŞT I, 129969:STÃNULEASA, 129978:TREPTENI, 129996:VÂLCELE, 130008:BÃRCÃNEŞTI, 130017:VÂLCELELE DE SUS, 130035:VLÃDILA, 130044: FRÄSINET GARÄ, 130053: VLÄDILA NOUÄ, 130071: VOINEASA, 130080: BLAJ, 130099: MÄRGÄRITEŞTI, 130106: RACOVIŢA, 130115: RUSĀNEŞTI I DE SUS, 130133: VULPENI, 130142: COTORBEȘTI, 130151: GROPȘANI, 130160: MARDALE, 130179: PESCĂREȘTI, 130188: PLOPȘORELU, 1301 97: PRISACA, 130204: SIMNICENI, 130213: TABACI, 130222: VALEA SATULUI, 130240: VULTUREȘTI, 130259: DIENCI, 130268: VALEA LUI ALB, 130277:VLÃNGÃREŞTI, 130543:PLOIEŞTI, 130561:BÃRCÃNEŞTI, 130570:GHIGHIU, 130589:PUŞCAŞI, 130598:ROMÂNEŞTI, 130605:TÃTÃRA NI, 130623: BERCENI, 130632: CARTIERUL DÂMBU, 130641: CÃTUNU, 130650: CORLÃTEŞTI, 130669: MOARA NOUÃ, 130687: BLEJOI, 130696: PLOIEȘTIORI, 130703: ȚÂNȚĂRENI, 130721: BRAZII DE SUS, 130730: BĂTEȘTI, 130749: BRAZII DE JOS, 130758: NEGOIEȘTI, 130767: POPEȘTI, 130776:STEJARU, 130794:BUCOV, 130801:BIGHILIN, 130810:CHIŢORANI, 130829:PLEAŞA, 130838:VALEA ORLEI, 130856:PÃULEŞTI, 13086 5:COCOŞEŞTI, 130874:GÃGENI, 130883:PÃULEŞTII NOI, 130909:STREJNICU, 130918:STÃNCEŞTI, 130927:TÂRGŞORU VECHI, 130936:ZAHA NAUA, 130963:AZUGA, 130990:BÃICOI, 131005:DÂMBU, 131014:LILIEŞTI, 131023:SCHELA, 131032:TUFENI, 131041:ŢINTEA, 131078:BOL DEŞTİ-SCÄENİ, 131087: SECİU, 131112: BREAZA DE JOS, 131121: BREAZA DE SUS, 131130: FRÂSINET, 131149: İRİMEŞTİ, 131158: NİSTOREŞTİ, 131167: PODU CORBULUI, 131176: PODU VADULUI, 131185: SURDEŞTI, 131194: VALEA TÂRSEI, 131229: BUŞTENI, 131238: POIANA ȚAPULUI, 131265: CÂMPINA, 131283: POIANA CÂMPINA, 131292: BOBOLIA, 131309: PIETRIŞU, 131318: RÃGMAN, 131345: COMARNIC, 131354: GHIOŞ EŞTI, 131363: PODU LUNG, 131372: POIANA, 131381: POSADA, 131416: MIZIL, 131425: FEFELEI, 131452: PLOPENI, 131470: DUMBRĀVEŞTI, 1

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31489: GÃVÃNEL, 131498: MÃLÃEŞTII DE JOS, 131504: MÃLÃEŞTII DE SUS, 131513: PLOPENI, 131522: SFÂRLEANCA, 131559: SINAIA, 131586: SLÃNIC, 131595: GROŞANI, 131602: PRĀJANI, 131639: URLAŢI, 131648: ARIONEŞTII NOI, 131657: ARIONEŞTII VECHI, 131666: CHERBA, 13167 5: JERCÃLÃI, 131684: MÃRUNŢIŞ, 131693: ORZOAIA DE JOS, 131700: ORZOAIA DE SUS, 131719: SCHIAU, 131728: ULMI, 131737: VALEA BOBU LUI, 131746: VALEA CRÂNGULUI, 131755: VALEA MIEILOR, 131764: VALEA NUCETULUI, 131773: VALEA PIETREI, 131782: VALEA SEMAN, 1317 91: VALEA URLOII, 131826: VĂLENII DE MUNTE, 131844: GURA VITIOAREI, 131853: BUGHEA DE JOS, 131862: FĂGETU, 131871: FUNDENI, 131 880: POIANA COPÃCENI, 131906: ADUNATI, 131915: OCINA DE JOS, 131924: OCINA DE SUS, 131942: ALBESTI-PALEOLOGU, 131951: ALBESTI-MURU, 131960:CIOCENI, 131979:VADU PÃRULUI, 131997:ALUNIŞ, 132002:OSTROVU, 132020:APOSTOLACHE, 132039:BUZOTA, 132048:M ÂRLOGEA, 132057: UDREȘTI, 132066: VALEA CRICOVULUI, 132084: ARICEȘTII RAHTIVANI, 132093: BUDA, 132100: NEDELEA, 132119: STOENE \$TI, 132128:TÂRG\$ORU NOU, 132146:ARICE\$TII ZELETIN, 132155:ALBINARI, 132173:BABA ANA, 132182:CIRE\$ANU, 132191:CONDURATU, 132208: CRÂNGURILE, 132217: SATU NOU, 132235: BALTA DOAMNEI, 132244: BÂRA, 132253: CURCUBEU, 132262: LACU TURCULUI, 132280 :BÃLŢEŞTI, 132299:IZEŞTI, 132306:PODENII VECHI, 132324:BÃNEŞTI, 132333:URLETA, 132351:BERTEA, 132360:LUTU ROŞU, 132388:BOL DEŞTI, 132397: GRADIŞTEA, 132413: BREBU MÂNÃSTIREI, 132422: BREBU MEGIEŞESC, 132431: PIETRICEAUA, 132440: PODU CHEII, 132468: CÂLUGÂRENI, 132477: VALEA SCHEILOR, 132495: CÂRBUNEŞTI, 132501: GOGEASCA, 132529: CEPTURA DE JOS, 132538: CEPTURA DE SUS, 13 2547: MALU ROŞU, 132556: ROTARI, 132565: ŞOIMEŞTI, 132583: CERAŞU, 132592: SLON, 132609: VALEA BORULUI, 132618: VALEA BRÃDETU LUI, 132627: VALEA LESPEZII, 132636: VALEA TOCII, 132654: CHIOJDEANCA, 132663: NUCET, 132672: TRENU, 132690: CIORANII DE JOS, 1327 07:CIORANII DE SUS, 132725:COCORÃȘTII MISLII, 132734:GORUNA, 132743:ȚIPÃREȘTI, 132761:COLCEAG, 132770:INOTEȘTI, 132789:PAR EPA-RUŞANI, 132798: VÂLCELELE, 132814: CORNU DE JOS, 132823: CORNU DE SUS, 132832: VALEA OPRII, 132850: COSMINA DE JOS, 132869: COSMINA DE SUS, 132878: DRÃGHICEŞTI, 132887: POIANA TRESTIEI, 132903: DRAJNA DE SUS, 132912: CÃTUNU, 132921: CIOCRAC, 132930: DRAJNA DE JOS, 132949: FÃGET, 132958: OGRETIN, 132967: PIATRA, 132976: PIŢIGOI, 132985: PLAI, 132994: PODURILE, 133009: POIANA MIE RLEI, 133027: DRÃGÃNESTI, 133036: BÃRÃITARU, 133045: BELCIUG, 133054: CORNU DE JOS, 133063: HÃTCÃRÃU, 133072: MERI, 133081: TUF ANI, 133107: DUMBRAVA, 133116: CIUPELNIȚA, 133125: CORNU DE SUS, 133134: TRESTIENII DE JOS, 133143: TRESTIENII DE SUS, 133152: Z ÃNOAGA, 133170: FILIPEȘTII DE PÃDURE, 133189: DIŢEȘTI, 133198: MINIERI, 133205: SILIȘTEA DEALULUI, 133223: FILIPEȘTII DE TÂRG, 1332 32:BRÃTÃŞANCA, 133241:EZENI, 133250:MÃRGINENII DE JOS, 133269:UNGURENI, 133287:FÂNTÂNELE, 133296:BOZIENI, 133303:GHINO AICA, 133312:UNGURENI, 133321:VADU SÃPAT, 133349:FLOREŞTI, 133358:CAP ROŞU, 133367:CÃLINEŞTI, 133376:CÃTINA, 133385:NOVÃ CEŞTI, 133401: FULGA DE JOS, 133410: FULGA DE SUS, 133438: GHERGHIŢA, 133447: FÂNARI, 133456: INDEPENDENŢA, 133465: MALAMUC, 133474: OLARI, 133483: OLARII VECHI, 133492: UNGURENI, 133517: GORGOTA, 133526: CRIVINA, 133535: FÂNARI, 133544: POIENARII APOST OLI, 133553:POTIGRAFU, 133571:GORNET, 133580:BOGDÃNEŞTI, 133599:CUIB, 133606:NUCET, 133624:GORNET-CRICOV, 133633:COŞER ELE, 133642: DOBROTA, 133651: PRISEACA, 133660: ŢÃRCULEŞTI, 133679: VALEA SEACÃ, 133697: GURA VADULUI, 133704: PERŞUNARI, 1337 13:TOHANI, 133731:IORDÃCHEANU, 133740:MOCEŞTI, 133759:PLAVIA, 133768:STRÃOŞTI, 133777:VALEA CUCULUI, 133786:VÃRBILA, 13 3802:IZVOARELE, 133811:CERNEŞTI, 133820:CHIRIŢEŞTI, 133839:HOMORÂCIU, 133848:MALU VÂNÃT, 133857:SCHIULEŞTI, 133875:JUGU RENI, 133884: BOBOCI, 133893: MARGINEA PÃDURII, 133900: VALEA UNGHIULUI, 133928: LAPOŞ, 133937: GLOD, 133946: LÃPOŞEL, 133955: PIETRICICA, 133973: LIPÃNEŞTI, 133982: SATU NOU, 133991: ŞIPOTU, 134005: ZAMFIRA, 134023: MÃGURELE, 134032: COADA MALULUI, 134 041:IAZU, 134069:MÃGURENI, 134078:COCORÃȘTII CAPLII, 134087:LUNCA PRAHOVEI, 134103:MÃNECIU-UNGURENI, 134112:CHEIA, 134 121: CHICIURENI, 134130: COSTENI, 134149: FĂCĂIENI, 134158: GHEABA, 134167: MÂNĂSTIREA SUZANA, 134176: MĂNECIU-PĂMÂNTENI, 1 34185: PLÃIEŢU, 134201: MÃNEŞTI, 134210: BÃLTIŢA, 134229: CHEŞNOIU, 134238: COADA IZVORULUI, 134247: COCORÃŞTII COLŢ, 134256: COCORÃŞTII GRIND, 134265: COLŢU DE JOS, 134274: GHIOLDUM, 134283: GURA CRIVÃŢULUI, 134292: PERŞUNARI, 134309: PIATRA, 134318: SATU DE SUS, 134327: ZALHANAUA, 134345: PÃCUREȚI, 134354: BÃRZILA, 134363: CURMÃTURA, 134372: MATIȚA, 134381: SLAVU, 134407: PLOPU, 134416: GÂLMEIA, 134425: HÂRSA, 134434: NISIPOASA, 134452: PODENII NOI, 134461: GHIOCEL, 134470: MEHEDINŢA, 134489: NEV ESTEASCA, 134498: PODU LUI GALBEN, 134504: POPEŞTI, 134513: RAHOVA, 134522: SĂLCIOARA, 134531: SFĂCĂRU, 134540: VALEA DULCE, 134568: POIENARII BURCHII, 134577: CÃRBUNARI, 134586: OLOGENI, 134595: PIOREŞTI, 134602: PODU VÃLENI, 134611: POIENARII RALI, 13 4620: POIENARII VECHI, 134639: TÃTÃRÃI, 134657: POSEŞTII-PÃMÂNTENI, 134666: BODEŞTI, 134675: MERDEALA, 134684: NUCŞOARA DE SU S, 134693: NUCŞOARA DE JOS, 134700: POSEŞTII UNGURENI, 134719: TÂRLEŞTI, 134728: VALEA PLOPULUI, 134737: VALEA SCREZII, 134746: VALEA STUPINII, 134764: PREDEAL, 134773: BOBICEŞTI, 134782: POIENILE, 134791: SÃRARI, 134808: SÃRÃŢEL, 134817: TULBUREA, 134826: TULBUREA VÃLENI, 134835: VITIOARA DE SUS, 134844: ZÂMBROAIA, 134862: PROVIȚA DE JOS, 134871: DRÃGÃNEASA, 134880: PIATRA, 1349 06: PROVIȚA DE SUS, 134915: IZVORU, 134924: PLAIU, 134933: VALEA BRADULUI, 134951: PUCHENII MARI, 134960: MIROSLÃVEȘTI, 134979: MOARA, 134988: ODĂILE, 134997: PIETROŞANI, 135002: PUCHENII MICI, 135011: PUCHENII MOŞNENI, 135039: RÂFOV, 135048: ANTOFILOAI A, 135057:BUCHILAŞI, 135066:BUDA, 135075:GOGA, 135084:MÃLĂIEŞTI, 135093:MOARA DOMNEASCÃ, 135100:PALANCA, 135119:SICRI TA, 135137: SALCIA, 135155: SÃLCIILE, 135173: SCORŢENI, 135182: BORDENII MARI, 135191: BORDENII MICI, 135208: MISLEA, 135217: SÂRC A, 135235:SECÃRIA, 135253:SÂNGERU, 135262:BUTUCI, 135271:MIREŞU MARE, 135280:MIREŞU MIC, 135299:PIATRA MICÃ, 135306:TISA, 135324:STARCHIOJD, 135333:BĂTRÂNI, 135342:BRÃDET, 135351:GRESIA, 135360:POIANA MARE, 135379:ROTAREA, 135388:VALEA ANEI, 135397:ZMEURET, 135413:SURANI, 135422:PÃCURI, 135440:ŞIRNA, 135459:BRÃTEŞTI, 135468:COCEANA, 135477:HÃBUD, 135486:TÃRI CENI, 135495: VARNIȚA, 135510: ŞOIMARI, 135529: LOPATNIȚA, 135538: MÃGURA, 135556: ŞOTRILE, 135565: LUNCA MARE, 135574: PLAIU C ÂMPINEI, 135583: PLAIU CORNULUI, 135592: SECIURI, 135609: VISTIERU, 135627: ŞTEFEŞTI, 135636: SCURTEŞTI, 135645: TÂRŞORENI, 13566 3:TALEA, 135672:PLAIU, 135690:TÃTARU, 135707:PODGORIA, 135716:SILIŞTEA, 135734:TEIŞANI, 135743:BUGHEA DE SUS, 135752:OLTE NI, 135761:ŞTUBEIU, 135770:VALEA STÂLPULUI, 135798:TELEGA, 135805:BOŞILCEŞTI, 135814:BUŞTENARI, 135823:DOFTANA, 135832:M ELICEŞTI, 135841: TONTEŞTI, 135869: TINOSU, 135878: PREDEŞTI, 135887: PISCULEŞTI, 135903: TOMŞANI, 135912: LOLOIASCA, 135921: MA GULA, 135930: SÃTUCU, 135958: VALEA CÃLUGÃREASCÃ, 135967: ARVA, 135976: COSLEGI, 135985: DÂRVARI, 135994: PANTAZI, 136009: RA CHIERI, 136018: RADILA, 136027: SCHIAU, 136036: VALEA LARGÃ, 136045: VALEA MANTEI, 136054: VALEA NICOVANI, 136063: VALEA POIENII , 136072: VALEA POPII, 136081: VALEA URSOII, 136090: VÂRFURILE, 136116: TEŞILA, 136125: TRÃISTENI, 136143: VÃRBILÃU, 136152: COŢOFE NEŞTI, 136161:LIVADEA, 136170:PODU URSULUI, 136189:POIANA VĀRBILĀU, 136205:VÂLCĀNEŞTI, 136214:CÂRJARI, 136223:TRESTIOARA, 136232:GURA BELIEI, 136492:SATU MARE, 136508:SÃTMÃREL, 136535:CAREI, 136544:IANCULEŞTI, 136562:CÃPLENI, 136571:CÃMIN, 136 606: NEGREŞTI-OAŞ, 136615: LUNA, 136624: TUR, 136651: TÃŞNAD, 136660: BLAJA, 136679: CIG, 136688: RAŢIU, 136697: SÃRÃUAD, 136704 :VALEA MORII, 136722:ACÂŞ, 136731:GANAŞ, 136740:MIHÃIENI, 136759:UNIMÃT, 136777:ANDRID, 136786:DINDEŞTI, 136795:IRINA, 13 6811:APA, 136820:LUNCA APEI, 136839:SOMEŞENI, 136857:ARDUD, 136866:ARDUD-VII, 136875:BABA NOVAC, 136884:GERÃUŞA, 13689 3:MÃDÃRAS, 136900:SÃRÃTURA, 136928:BÃTARCI, 136937:COMLÃUŞA, 136946:ŞIRLÃU, 136955:TÃMÃŞENI, 136973:BELTIUG, 136982:B OLDA, 136991: GHIRIŞA, 137005: GIUNGI, 137014: RÃTEŞTI, 137023: ŞANDRA, 137041: BERVENI, 137050: LUCÃCENI, 137078: BIXAD, 137087 :BOINEŞTI, 137096:TRIP, 137112:BÂRSÃU DE SUS, 137121:BÂRSÃU DE JOS, 137149:BOGDAND, 137158:BABTA, 137167:CORUND, 137176 :SER, 137194:BOTIZ, 137201:AGRIŞ, 137210:CIUPERCENI, 137238:CÃLINEŞTI-OAŞ, 137247:COCA, 137256:LECHINŢA, 137265:PÃŞUNEA MARE, 137283: CÃMÃRZANA, 137309: CÃUAŞ, 137318: ADY ENDRE, 137327: GHENCI, 137336: GHILEŞTI, 137345: HOTOAN, 137354: RÃDULE \$TI, 137372:CEHÃLUŢ, 137381:CEHAL, 137390:ORBÃU, 137416:CERTEZE, 137425:HUTA CERTEZE, 137434:MOIŞENI, 137452:CRAIDOROLŢ , 137461: CRIŞENI, 137470: ERIU SÂNCRAI, 137489: SATU MIC, 137498: ŢEGHEA, 137513: CRUCIŞOR, 137522: IEGHERIŞTE, 137531: POIANA C ODRULUI, 137559: CULCIU MARE, 137568: APATEU, 137577: CĂRĂȘEU, 137586: COROD, 137595: CULCIU MIC, 137602: LIPĂU, 137620: DOBA , 137639:BOGHIŞ, 137648:DACIA, 137657:PAULIAN, 137666:TRAIAN, 137684:DOROLŢ, 137693:ATEA, 137700:DARA, 137719:PETEA, 1377 37:FOIENI, 137755:GHERŢA MICĀ, 137773:HALMEU, 137782:BĀBEŞTI, 137791:CIDREAG, 137808:DOBOLŢ, 137817:HALMEU VII, 137826: MESTEACÃN, 137835: PORUMBEȘTI, 137853: HODOD, 137862: GIURTELECU HODODULUI, 137871: LELEI, 137880: NADIŞU HODODULUI, 137 906: HOMORODU DE MIJLOC, 137915: CHILIA, 137924: HOMORODU DE JOS, 137933: HOMORODU DE SUS, 137942: NECOPOI, 137951: SOLD UBA, 137979:LAZURI, 137988:BERCU, 137997:NISIPENI, 138002:NOROIENI, 138011:PELEŞ, 138020:PELIŞOR, 138048:LIVADA, 138057:AD

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RIAN, 138066: DUMBRAVA, 138075: LIVADA MICÃ, 138093: MEDIEŞU AURIT, 138100: BÃBÃŞEŞTI, 138119: IOJIB, 138128: MEDIEŞ RÂTURI, 13 8137: MEDIEŞ VII, 138146: POTĂU, 138155: ROMÂNEŞTI, 138173: MICULA, 138182: BERCU NOU, 138191: MICULA NOUĂ, 138217: MOFTINU MIC, 138226: DOMÃNEŞTI, 138235: GHILVACI, 138244: GHIROLT, 138253: ISTRÃU, 138262: MOFTINU MARE, 138271: SÂNMICLÃUŞ, 138299: ODOREU, 138306: BERINDAN, 138315: CUCU, 138324: ETENI, 138333: MÃRTINEŞTI, 138342: VÂNÃTOREŞTI, 138360: ORAŞU NOU, 138379: O RAŞU NOU-VII, 138388: PRILOG, 138397: PRILOG VII, 138404: RACŞA, 138413: RACŞA VII, 138422: REMETEA OAŞULUI, 138440: PÃULEŞTI, 138 459: AMAŢI, 138468: AMBUD, 138477: HRIP, 138486: PETIN, 138495: RUŞENI, 138510: PETREŞTI, 138529: DINDEŞTIU MIC, 138547: PIR, 1385 56: PIRU NOU, 138565: SÃRVÃZEL, 138583: PIŞCOLT, 138592: RESIGHEA, 138609: SCÃRIŞOARA NOUÃ, 138627: POMI, 138636: ACIUA, 138645 :BICÃU, 138654:BORLEŞTI, 138672:SANISLÃU, 138681:BEREA, 138690:CIUMEŞTI, 138707:HOREA, 138716:MARNA NOUÃ, 138725:VIIŞOA RA, 138743: SANTÃU, 138752: CHEREUŞA, 138761: SUDURÃU, 138789: SÃCÃŞENI, 138798: CHEGEA, 138814: SÃUCA, 138823: BECHENI, 138 832:CEAN, 138841:CHISĂU, 138850:SILVAŞ, 138878:SOCOND, 138887:CUŢA, 138896:HODIŞA, 138903:SOCONZEL, 138912:STÂNA, 1389 30:SUPURU DE JOS, 138949: DOBRA, 138958: GIOROCUTA, 138967: HUREZU MARE, 138976: RACOVA, 138985: SECHEREŞA, 138994: SUPURU DE SUS, 139018:TARNA MARE, 139027:BOCICÃU, 139036:VALEA SEACÃ, 139045:VÃGAŞ, 139063:TEREBEŞTI, 139072:ALIZA, 139081:GELU , 139090: PIŞCARI, 139116: TIREAM, 139125: PORTIŢA, 139134: VEZENDIU, 139152: TÂRŞOLŢ, 139161: ALICENI, 139189: TURŢ, 139198: GHER ŢA MARE, 139205:TURŢ BÃI, 139223:TURULUNG, 139232:DRÃGUŞENI, 139241:TURULUNG VII, 139269:URZICENI, 139278:URZICENI PÃDU RE, 139296: VALEA VINULUI, 139303: MÃRIUŞ, 139312: ROŞIORI, 139321: SÂI, 139349: VAMA, 139367: VETIŞ, 139376: DECEBAL, 139385: OAR, 139401: VIILE SATU MARE, 139410: CIONCHEŞTI, 139429: MEDIŞA, 139438: TÃTÃREŞTI, 139447: TIREAC, 139713: ZALÃU, 139722: STÂNA, 13 9759: CEHU SILVANIEI, 139768: HOROATU CEHULUI, 139777: MOTIŞ, 139786: NADIŞ, 139795: ULCIUG, 139820: JIBOU, 139839: CUCEU, 1398 48: HUSIA, 139857: RONA, 139866: VAR, 139893: ŞIMLEU SILVANIEI, 139900: BIC, 139919: CEHEI, 139928: PUSTA, 139946: AGRIJ, 139955: BO ZNA, 139964: RĂSTOLŢU- DEŞERT, 139973: TREZNEA, 139991: ALMAŞU, 140002: BÃBIU, 140011: CUTIŞ, 140020: JEBUCU, 140039: MESTEAC ÃNU, 140048: PETRINZEL, 140057: SFÃRAS, 140066: STANA, 140075: TÃUDU, 140093: BÃBENI, 140100: CIOCMANI, 140119: CLIT, 140128: PIR OŞA, 140137: POIENIȚA, 140155: BÃLAN, 140164: CHECHIŞ, 140173: CHENDREA, 140182: GÃLPÂIA, 140191: GÂLGÃU ALMAŞULUI, 140217: B ÃNIŞOR, 140226:BAN, 140235:PECEIU, 140253:BENESAT, 140262:ALUNIŞ, 140271:BIUŞA, 140299:BOBOTA, 140306:DERŞIDA, 140315:ZA LNOC, 140333:BOCŞA, 140342:BORLA, 140351:CÂMPIA, 140360:SÃLÃJENI, 140388:BUCIUMI, 140397:BODIA, 140404:BOGDANA, 140413: HUTA, 140422: RÃSTOLŢ, 140431: SÂNGEORGIU DE MESEŞ, 140459: CAMÃR, 140468: PÃDURENI, 140486: CARASTELEC, 140495: DUMUSLÃU, 140510: CHIEŞD, 140529: COLONIA SIGHETU SILVANIEI, 140538: SIGHETU SILVANIEI, 140556: CIZER, 140565: PLESCA, 140574: PRIA, 140592 :COŞEIU, 140609:ARCHID, 140618:CHILIOARA, 140636:CRASNA, 140645:HUSENI, 140654:MARIN, 140663:RATIN, 140681:CREACA, 14069 0:BORZA, 140707:BREBI, 140716:BRUSTURI, 140725:CIGLEAN, 140734:JAC, 140743:LUPOAIA, 140752:PRODÃNEŞTI, 140761:VIILE JACULU I, 140789:CRISTOLȚ, 140798:MUNCEL, 140805:POIANA ONȚII, 140814:VÃLENI, 140832:CRIȘENI, 140841:CRISTUR-CRIȘENI, 140850:GÂRC EIU, 140878: CUZÃPLAC, 140887: CUBLEŞU, 140896: GÃLÃŞENI, 140903: MIERŢA, 140912: PETRINDU, 140921: RUGINOASA, 140930: STOBOR U, 140949:TÃMASA, 140967:DOBRIN, 140976:DELENI, 140985:DOBA, 140994:NAIMON, 141009:SÂNCRAIU SILVANIEI, 141018:VERVEGHI U, 141036: DRAGU, 141045: ADALIN, 141054: FÂNTÂNELE, 141063: UGRUŢIU, 141072: VOIVODENI, 141090: FILDU DE JOS, 141107: FILDU DE MIJLOC, 141116: FILDU DE SUS, 141125: TETIŞU, 141143: GÂLGÃU, 141152: BÂRSÃU MARE, 141161: CÃPÂLNA, 141170: CHIZENI, 141189: DO BROCINA, 141198: FODORA, 141205: FRÂNCENII DE PIATRÃ, 141214: GLOD, 141223: GURA VLÃDESEI, 141241: GÂRBOU, 141250: BEZDED, 14 1269: CÃLACEA, 141278: CERNUC, 141287: FABRICA, 141296: POPTELEAC, 141303: SOLOMON, 141321: HALMÃŞD, 141330: ALEUŞ, 141349: C ERIŞA, 141358: DRIGHIU, 141367: FUFEZ, 141385: HERECLEAN, 141394: BADON, 141401: BOCŞIŢA, 141410: DIOŞOD, 141429: GURUSLÃU, 14 1438: PANIC, 141456: HIDA, 141465: BAICA, 141474: MILUANI, 141483: PÃDURIŞ, 141492: RACÂŞ, 141508: SÂNPETRU ALMAŞULUI, 141517: STUPINI, 141526:TRESTIA, 141544:HOROATU CRASNEI, 141553:HUREZ, 141562:STÂRCIU, 141571:ŞEREDEIU, 141599:ILEANDA, 141606:BI ZUŞA-BÃI, 141615:BÂRSÃUŢA, 141624:DÃBÂCENI, 141633:DOLHENI, 141642:LUMINIŞU, 141651:MÃLENI, 141660:NEGRENI, 141679:PERI I VADULUI, 141688: PODIȘU, 141697: RÃSTOCI, 141704: ROGNA, 141713: ŞASA, 141731: IP, 141740: COSNICIU DE JOS, 141759: COSNICIU DE SUS, 141768:ZÃUAN, 141777:ZÃUAN-BÃI, 141795:LETCA, 141802:CIULA, 141811:COZLA, 141820:CUCIULAT, 141839:LEMNIU, 141848:PU RCÃREŢ, 141857:ŞOIMUŞENI, 141866:TOPLIŢA, 141875:VÃLIŞOARA, 141893:LOZNA, 141900:CORMENIŞ, 141919:PRELUCI, 141928:VALEA LEŞULUI, 141937: VALEA LOZNEI, 141955: MARCA, 141964: LEŞMIR, 141973: MARCA-HUTA, 141982: PORŢ, 141991: ŞUMAL, 142015: MÃERIŞT E, 142024: CRIŞTELEC, 142033: DOH, 142042: GIURTELECU ŞIMLEULUI, 142051: MÃLÃDIA, 142060: UILEACU ŞIMLEULUI, 142088: MESEŞENII DE JOS, 142097: AGHIREŞ, 142104: FETINDIA, 142113: MESEŞENII DE SUS, 142131: MIRŞID, 142140: FIRMINIŞ, 142159: MOIGRAD-POROLISS UM, 142168: POPENI, 142186: NÃPRADEA, 142195: CHEUD, 142202: SOMEŞ-GURUSLÃU, 142211: TRANIŞ, 142220: VÃDURELE, 142248: NUŞF ALÂU, 142257:BILGHEZ, 142266:BOGHIŞ, 142275:BOZIEŞ, 142293:PERICEI, 142300:BÃDÃCIN, 142319:PERICEIU MIC, 142328:SICI, 14234 6:PLOPIŞ, 142355:FÃGETU, 142364:IAZ, 142382:POIANA BLENCHII, 142391:FÃLCUŞA, 142408:GOSTILA, 142417:MÃGURA, 142435:ROMÂ NAŞI, 142444: CHICHIŞA, 142453: CIUMÃRNA, 142462: PÃUŞA, 142471: POARTA SÃLAJULUI, 142480: ROMITA, 142505: RUS, 142514: BUZAŞ, 142523:FÂNTÂNELE-RUS, 142532:HÃŞMAŞ, 142541:ŞIMIŞNA, 142569:SÃLÃŢIG, 142578:BULGARI, 142587:DEJA, 142596:MINEU, 142603: NOŢIG, 142621: SÂG, 142630: FIZEŞ, 142649: MAL, 142658: SÂRBI, 142667: TUSA, 142685: SÂNMIHAIU ALMAŞULUI, 142694: BERCEA, 14270 1:SÂNTÃ MÃRIA, 142729:SOMEŞ-ODORHEI, 142738:BÂRSA, 142747:DOMNIN, 142756:INÃU, 142765:ŞOIMUŞ, 142783:SURDUC, 142792: BRÂGLEZ, 142809: CRISTOLŢEL, 142818: SOLONA, 142827: TEŞTIOARA, 142836: TIHĂU, 142845: TURBUŢA, 142863: ŞAMŞUD, 142872: VALEA POMILOR, 142890:ŞÃRMÃŞAG, 142907:ILIŞUA, 142916:LOMPIRT, 142925:MOIAD, 142934:POIANA MÃGURA, 142943:ŢÃRMURE, 142961:V ALCÃU DE JOS, 142970: LAZURI, 142989: PREOTEASA, 142998: RATOVEI, 143003: SUB CETATE, 143012: VALCÃU DE SUS, 143030: VÂRŞOLŢ, 1 43049: RECEA, 143058: RECEA MICÃ, 143076: ZALHA, 143085: CEACA, 143094: CIURENI, 143101: VALEA CIURENILOR, 143110: VALEA HRANEI , 143129: VALEA LUNGÃ, 143138: VÂRTEŞCA, 143156: ZIMBOR, 143165: CHENDREMAL, 143174: DOLU, 143183: SUTORU, 143192: SÂNCRAIU ALMAŞULUI, 143469:SIBIU, 143478:PÄLTINIŞ, 143496:CRISTIAN, 143511:POPLACA, 143539:RÄŞINARI, 143548:PRISLOP, 143566:ŞELIMBÄ R, 143575:BUNGARD, 143584:MOHU, 143593:VEŞTEM, 143628:MEDIAŞ, 143637:IGHIŞU NOU, 143655:TÂRNAVA, 143664:COLONIA TÂRN AVA, 143691: AGNITA, 143708: COVEŞ, 143717: RUJA, 143744: CISNÃDIE, 143753: CISNÃDIOARA, 143780: COPŞA MICÃ, 143815: DUMBRÃVE NI, 143824:ERNEA, 143833:ŞAROŞ PE TÂRNAVE, 143860:OCNA SIBIULUI, 143879:TOPÂRCEA, 143897:ALŢINA, 143904:BENEŞTI, 143913:G HIJASA DE SUS, 143931: APOLDU DE JOS, 143940: SÂNGÃTIN, 143968: ARPAŞU DE JOS, 143977: ARPAŞU DE SUS, 143986: NOUL ROMÂN, 144 009:AŢEL, 144018:ALMA, 144027:DUPUŞ, 144036:GIACÃŞ, 144045:ŞMIG, 144063:AVRIG, 144072:BRADU, 144081:GLÂMBOACA, 144090: MÂRŞA, 144107:SÃCÃDATE, 144125:AXENTE SEVER, 144134:AGÂRBICIU, 144143:ŞOALA, 144161:BAZNA, 144170:BOIAN, 144189:VELŢ, 14 4205: BIERTAN, 144214: COPŞA MARE, 144223: RICHIŞ, 144241: BÂRGHIŞ, 144250: APOŞ, 144269: IGHIŞU VECHI, 144278: PELIŞOR, 144287: VECERD, 144296: ZLAGNA, 144312: BLÃJEL, 144321: PÃUCEA, 144330: ROMANEŞTI, 144358: BRATEIU, 144367: BUZD, 144385: BRÃDENI, 144 394:RETIŞ, 144401:ŢELINE, 144429:BRUIU, 144438:GHERDEAL, 144447:ŞOMARTIN, 144465:CHIRPÃR, 144474:SÃSÃUŞ, 144483:VÃRD, 14 4492: VESEUD, 144517: CÂRTA, 144526: POIENITA, 144544: CÂRTIŞOARA, 144562: DÂRLOS, 144571: CURCIU, 144580: VALEA LUNGÃ, 144606 :GURA RÂULUI, 144624:HOGHILAG, 144633:PROD, 144642:VALCHID, 144660:IACOBENI, 144679:MOVILE, 144688:NETUŞ, 144697:NOIŞT AT, 144704: STEJÃRĪŞU, 144722: JINA, 144740: LASLEA, 144759: FLOREŞTI, 144768: MĀLÂNCRAV, 144777: NOU SÃSESC, 144786: ROANDOLA, 144802:LOAMNEŞ, 144811:ALÃMOR, 144820:ARMENI, 144839:HAŞAG, 144848:MÂNDRA, 144857:SÃDINCA, 144875:LUDOŞ, 144884:GUS U, 144900: MARPOD, 144919: ILIMBAV, 144937: MIERCUREA SIBIULUI, 144946: APOLDU DE SUS, 144955: DOBÂRCA, 144973: MERGHINDEAL, 144982: DEALU FRUMOS, 145006: MICÃSASA, 145015: CHESLER, 145024: ȚAPU, 145033: VÃLENI, 145051: MIHÃILENI, 145060: METIŞ, 14507 9: MOARDÃŞ, 145088: RÃVÃŞEL, 145097: ŞALCÃU, 145113: MOŞNA, 145122: ALMA VII, 145131: NEMŞA, 145159: NOCRICH, 145168: FOFELDE A, 145177 : GHIJASA DE JOS, 145186 : HOSMAN, 145195 : ȚICHINDEAL, 145211 : ORLAT, 145239 : PÂUCA, 145248 : BOGATU ROMÂN, 145257 : BR OȘTENI, 145266: PRESACA, 145284: POIANA SIBIULUI, 145300: PORUMBACU DE JOS, 145319: COLUN, 145328: PORUMBACU DE SUS, 145337 :SÃRATA, 145346:SCOREIU, 145364:RACOVIŢA, 145373:SEBEŞU DE SUS, 145391:RÂU SADULUI, 145417:ROŞIA, 145426:CAŞOLŢ, 145435: CORNÃŢEL, 145444: DAIA, 145453: NOU, 145462: NUCET, 145480: SADU, 145505: SÃLIŞTE, 145514: ACILIU, 145523: AMNAŞ, 145532: CRINŢ,

APPENDIX B — CATEGORIES 67 / 74

145541: GALEŞ, 145550: FÂNTÂNELE, 145569: MAG, 145578: SÃCEL, 145587: SIBIEL, 145596: VALE, 145612: SLIMNIC, 145621: ALBI, 145630: PÃDURENI, 145649: RUŞI, 145658: VESEUD, 145676: ŞEICA MARE, 145685: BOARTA, 145694: BUIA, 145701: MIGHINDOALA, 145710: PETIŞ, 1 45729: \$TENEA, 145747: \$EICA MICÃ, 145756: \$ORO\$TIN, 145774: \$URA MARE, 145783: HAMBA, 145809: \$URA MICÃ, 145818: RUSCIORI, 14 5836:TÃLMACIU, 145845:BOIŢA, 145854:COLONIA TÃLMACIU, 145863:LAZARET, 145872:LOTRIOARA, 145881:PALTIN, 145890:TÃLMÃCEL, 145916:TILIŞCA, 145925:ROD, 145943:TURNU ROŞU, 145952:SEBEŞU DE JOS, 145970:VALEA VIILOR, 145989:MOTIŞ, 146003:VURPÃR, 146 272:SUCEAVA, 146290:IPOTEȘTI, 146307:LISAURA, 146316:TIŞĂUŢI, 146334:MITOCU DRAGOMIRNEI, 146343:DRAGOMIRNA, 146352:LIP OVENI, 146361: MITOCAŞI, 146389: SALCEA, 146398: MERENI, 146405: PLOPENI, 146414: PRELIPCA, 146423: VÃRATEC, 146441: ŞCHEIA, 146 450: FLORINTA, 146469: MIHOVENI, 146478: SFÂNTU ILIE, 146487: TREI MOVILE, 146511: CÂMPULUNG MOLDOVENESC, 146548: FÂLTICENI, 146557: ŞOLDÂNEŞTI, 146566: ȚARNA MARE, 146593: GURA HUMORULUI, 146600: VORONEȚ, 146637: RÃDÂUȚI, 146664: SIRET, 146673: MÃ NÃSTIOARA, 146682: PÃDURENI, 146717: SOLCA, 146726: POIENI-SOLCA, 146753: VATRA DORNEI, 146762: ARGESTRU, 146771: ROŞU, 14678 0:TODIRENI, 146806:ADÂNCATA, 146815:ARŢARI, 146824:BEREŞTI, 146833:CÃLUGÃRENI, 146842:FETEŞTI, 146851:HÃNŢEŞTI, 146879:A RBORE, 146888: BODNÃRENI, 146897: CLIT, 146913: BAIA, 146922: BOGATA, 146940: BÃDEUŢI, 146959: GARA, 146968: IASLOVÃŢ, 146977: L UNCA, 146986: MILIŞÂUŢI, 147009: BĂLCÂUŢI, 147018: GROPENI, 147027: NEGOSTINA, 147045: BILCA, 147063: BOGDÂNEŞTI, 147081: BOR OAIA, 147090:BÃRÃŞTI, 147107:GIULEŞTI, 147116:MOIŞA, 147125:SÃCUŢA, 147143:BOSANCI, 147152:CUMPÃRÃTURA, 147170:BOTOŞA NA, 147189: COMÃNEŞTI, 147198: HUMORENI, 147214: BREAZA, 147223: BREAZA DE SUS, 147232: PÂRÂU NEGREI, 147250: BRODINA, 14726 9: BRODINA DE JOS, 147278: CUNUNSCHI, 147287: DUBIUŞCA, 147296: EHREŞTE, 147303: FALCÃU, 147312: NOROCU, 147321: PALTIN, 1473 30:SADÃU, 147349:ZALOMESTRA, 147367:BROŞTENI, 147376:COTÂRGAŞI, 147385:DÂRMOXA, 147394:FRASIN, 147401:HÃLEASA, 147410 :HOLDA, 147429:HOLDIŢA, 147438:LUNGENI, 147447:NEAGRA, 147456:PIETROASA, 147474:BUNEŞTI, 147483:PETIA, 147492:PODENI, 14 7508:ŞES, 147517:UNCEŞTI, 147535:PÂRTEŞTII DE SUS, 147544:CACICA, 147553:MAIDAN, 147562:RUNCU, 147571:SOLONEŢU NOU, 147 599: CALAFINDEŞTI, 147606: BOTOŞANITA MARE, 147615: CÂLINEŞTI, 147624: SERBÂUTI, 147642: CAIVANA, 147651: CODRU, 147679: ILIŞEŞ TI, 147688:BÃLÃCEANA, 147697:BRAŞCA, 147704:CIPRIAN PORUMBESCU, 147722:CÂRLIBABA, 147731:CÂRLIBABA NOUÃ, 147740:IEDU, 1 47759: ŞESURI, 147768: ŢIBÃU, 147777: VALEA STÂNEI, 147795: CORNU LUNCII, 147802: BÃIŞEŞTI, 147811: BRÃIEŞTI, 147820: DUMBRAVA, 1 47839: PÃISENI, 147848: SASCA MARE, 147857: SASCA MICÃ, 147866: SASCA NOUÃ, 147875: ŞINCA, 147893: CRUCEA, 147900: CHIRIL, 1479 19:COJOCI, 147928:SATU MARE, 147946:MÃRIŢEI, 147955:DÃNILA, 147964:DÃRMÃNEŞTI, 147973:CÃLINEŞTI, 147982:CÃLINEŞTI-VASILA CHE, 147991: MÃRIŢEIA MICÃ, 148015: DOLHASCA, 148024: BUDENI, 148033: GULIA, 148042: POIANA, 148051: POIENARI, 148060: PROBOT A, 148079:SILIŞTEA NOUÃ, 148088:VALEA POIENEI, 148104: DOLHEŞTII-MARI, 148113: DOLHEŞTII MICI, 148122: VALEA BOUREI, 148140: C OZÃNEŞTI, 148159: DORNA-ARINI, 148168: GHEORGHIŢENI, 148177: ORTOAIA, 148186: RUSCA, 148195: SUNÃTORI, 148211: DORNA CANDR ENILOR, 148220:COŞNA, 148239:DEALU FLORENI, 148248:POIANA NEGRII, 148257:PODU COŞNEI, 148266:ROMÂNEŞTI, 148275:TEŞNA, 14 8284: VALEA BANCULUI, 148300: DORNEŞTI, 148319: IAZ, 148337: MÃZÃNÃEŞTI, 148346: BERCHIŞEŞTI, 148355: CORLATA, 148364: DRÃGOI EŞTI, 148373:LUCÃCEŞTI, 148391:DRÃGUŞENI, 148408:BROŞTENI, 148417:GARA LEU, 148435:DUMBRÃVENI, 148444:SĂLÃGENI, 148462: FÂNTÂNELE, 148471: BÃNEŞTI, 148480: COTU DOBEI, 148499: SLOBOZIA, 148505: STAMATE, 148523: FORÃŞTI, 148532: ANTOCENI, 148541: BOURA, 148550: MANOLEA, 148569: ONICENI, 148578: ROŞIORI, 148587: RUŞI, 148596: TOLEŞTI, 148603: UIDEŞTI, 148621: FRASIN, 148630: BUCŞOAIA, 148649: DOROTEIA, 148658: PLUTONIŢA, 148676: FRÃTÃUŢII NOI, 148685: COSTIŞA, 148701: FRÃTÂUŢII VECHI, 148710: MÃNEU TI, 148738:FRUMOSU, 148747:DEIA, 148756:DRAGOŞA, 148774:FUNDU MOLDOVEI, 148783:BOTUŞEL, 148792:BOTUŞ, 148809:BRANIŞTE A, 148818:COLACU, 148827:DELNIȚA, 148836:DELUȚ, 148845:OBCINA, 148854:PLAI, 148863:SMIDA UNGURENILOR, 148881:GÃLÃNEŞTI, 148890: HURIUIENI, 148907: VOITINEL, 148925: GRÃMEŞTI, 148934: BÃLINEŞTI, 148943: BOTOŞANIŢA MICÃ, 148952: RUDEŞTI, 148961: VER BIA, 148989: GRÃNICEŞTI, 148998: DUMBRAVA, 149003: GURA SOLCII, 149012: IACOBEŞTI, 149021: ROMÂNEŞTI, 149030: SLOBOZIA SUCEVE I, 149058: HORODNICENI, 149067: BOTEȘTI, 149076: BRÃDÃŢEL, 149085: MIHÃIEȘTI, 149094: ROTOPÃNEȘTI, 149110: HORODNIC DE JOS, 14 9129: HORODNIC DE SUS, 149147: IACOBENI, 149156: BOTOŞ, 149165: CIOCÃNEŞTI, 149174: MESTECÃNIŞ, 149192: IZVOARELE SUCEVEI, 14 9209:BOBEICA, 149218:BRODINA, 149236:LITENI, 149245:CORNI, 149254:ROŞCANI, 149263:ROTUNDA, 149272:SILIŞTEA, 149281:VERCI CANI, 149307: MARGINEA, 149325: MÃLINI, 149334: IESLE, 149343: PÂRAIE, 149352: POIANA MÃRULUI, 149361: VÃLENI-STÂNIŞOARA, 14938 9: MÃNÃSTIREA HUMORULUI, 149398: PLEŞA, 149405: POIANA MICULUI, 149423: MOARA NICA, 149432: BULAI, 149441: FRUMOASA, 149450 :GROAPA VLÃDICHII, 149469:LITENI, 149478:MOARA CARP, 149487:VORNICENII MARI, 149496:VORNICENII MICI, 149511:MOLDOVA-SULI ŢA, 149520: BENIA, 149548: MOLDOVIŢA, 149557: ARGEL, 149566: DEMACUŞA, 149575: RAŞCA, 149593: BAINEŢ, 149600: BÃNCEŞTI, 149619 :CLIMÃUŢI, 149628:MUŞENIŢA, 149637:VÃŞCÃUŢI, 149646:VICŞANI, 149664:OSTRA, 149673:TÃRNICIOARA, 149691:PANACI, 149708:CA TRINARI, 149717:COVERCA, 149726:DRÃGOIASA, 149735:GLODU, 149744:PÃLTINIŞ, 149762:PÃLTINOASA, 149771:CAPU CODRULUI, 1497 99: PÂRTEȘTII DE JOS, 149806: DELENI, 149815: VARVATA, 149824: VÂRFU DEALULUI, 149842: PÃTRÃUŢI, 149860: POIANA STAMPEI, 149879: CÃSOI, 149888: DORNIŞOARA, 149897: PILUGANI, 149904: PRÃLENI, 149913: TÃTARU, 149922: TEŞNA, 149940: POJORÂTA, 149959: VALEA PU TNEI, 149977: PREUTEȘTI, 149986: ARGHIRA, 149995: BASARABI, 150007: BAHNA ARIN, 150016: HÂRTOP, 150025: HUŞI, 150034: LEUCUŞEŞ TI, 150052:PUTNA, 150061:GURA PUTNEI, 150089:RÃDÃŞENI, 150098:LÃMÃŞENI, 150105:POCOLENI, 150123:RÂŞCA, 150132:BUDA, 1501 41: DUMBRÃVENI, 150150: JAHALIA, 150169: SLÃTIOARA, 150187: SADOVA, 150203: SATU MARE, 150212: ȚIBENI, 150230: SIMINICEA, 15024 9:GRIGOREŞTI, 150267:SLATINA, 150276:GÃINEŞTI, 150285:HERLA, 150301:STRAJA, 150329:STROIEŞTI, 150338:VÂLCELELE, 150347:ZAH AREȘTI, 150365:STULPICANI, 150374:GEMENEA, 150383:NEGRILEASA, 150392:SLÃTIOARA, 150409:VADU NEGRILESEI, 150427:SUCEVIȚA, 150436: VOIEVODEASA, 150454: NEAGRA ŞARULUI, 150463: GURA HAITII, 150472: PLAIU ŞARULUI, 150481: SÃRIŞOR, 150490: SÃRIŞORU MA RE, 150506:ŞARU BUCOVINEI, 150515:ŞARU DORNEI, 150533:TODIREŞTI, 150542:COSTÂNA, 150551:PÃRHÃUŢI, 150560:SÂRGHIEŞTI, 150 579: SOLONET, 150597: UDEŞTI, 150604: CHILIŞENI, 150613: LUNCUŞOARA, 150622: MÃNÃSTIOARA, 150631: PLÃVÃLARI, 150640: POIENI-S UCEAVA, 150659:RACOVA, 150668:REUSENI, 150677:RUŞII-MÃNÃSTIOARA, 150686:SECURICENI, 150695:ŞTIRBÃŢ, 150711:ULMA, 150720 :COSTILEVA, 150739:LUPCINA, 150748:MÃGURA, 150757:NISIPITU, 150775:VADU MOLDOVEI, 150784:CÃMÂRZANI, 150793:CIUMULEŞTI, 150800:COTU BÃII, 150819:DUMBRÃVIŢA, 150828:FÂNTÂNA MARE, 150837:IONEASA, 150846:MESTECENI, 150855:MOVILENI, 150864:NI GOTEŞTI, 150873: PRAXIA, 150882: SPÃTÃREŞTI, 150908: VALEA MOLDOVEI, 150917: CAPU CÂMPULUI, 150926: MIRONU, 150944: VAMA, 150 953: MOLID, 150962: PRISACA DORNEI, 150971: STRÂMTURA, 150999: VATRA MOLDOVIŢEI, 151004: CIUMÂRNA, 151013: PALTINU, 151031: V EREȘTI, 151040:BURSUCENI, 151059:COROCĂIEȘTI, 151068:HANCEA, 151086:VICOVU DE JOS, 151102:VICOVU DE SUS, 151111:BIVOLĂRIA , 151139: VOLOVÃŢ, 151148: BURLA, 151166: PLEŞEŞTI, 151175: GIURGEŞTI, 151184: HREAŢCA, 151193: JACOTA, 151200: MEREŞTI, 151219: OSOI, 151228: VALEA GLODULUI, 151237: VULTUREŞTI, 151255: ZAMOSTEA, 151264: BADRAGI, 151273: CIOMÂRTAN, 151282: COJOCÃRENI, 151291:CORPACI, 151308:LUNCA, 151317:NICANI, 151326:RÃUŢENI, 151335:TÃUTEŞTI, 151353:ZVORIŞTEA, 151362:BUDA, 151371:DEA LU, 151380: POIANA, 151399: ŞERBĂNEŞTI, 151406: SLOBOZIA, 151415: STÂNCA, 151424: STÂNCUŢA, 151692: TURNU MĂGURELE, 151718: CIUPERCENI, 151727: POIANA, 151745: ISLAZ, 151754: MOLDOVENI, 151772: LITA, 151807: ALEXANDRIA, 151825: NANOV, 151843: POROSCH IA, 151852:CALOMFIREȘTI, 151889:ROȘIORI DE VEDE, 151914:VIDELE, 151923:COȘOAIA, 151941:CREVENICU, 151950:RÃDULEȘTI, 151987 :ZIMNICEA, 152001:BALACI, 152010:BURDENI, 152029:TECUCI, 152047:BÃBÃIŢA, 152056:CLÃNIŢA, 152065:FRÃSINET, 152074:MERIŞAN I, 152092:BLEJEŞTI, 152109:BACIU, 152118:SERICU, 152136:BOGDANA, 152145:BROŞTEANCA, 152154:ULMENI, 152163:URLUIU, 152181 :BOTOROAGA, 152190:CÃLUGARU, 152207:TÂRNAVA, 152216:TUNARI, 152225:VALEA CIREŞULUI, 152243:BRAGADIRU, 152261:BRÂNCEN I, 152289:BUJORENI, 152298:DÃRVAŞ, 152305:PRUNARU, 152323:BUJORU, 152341:BUZESCŪ, 152369:CÃLINEŞTI, 152378:ANTONEŞTI, 15 2387: COPÃCEANCA, 152396: LICURICIU, 152403: MARIȚA, 152421: CÃLMÃŢUIU, 152430: BUJORU, 152449: CARAVANEȚI, 152458: NICOLAE B ÃLCESCU, 152476 : CÃLMÃŢUIU DE SUS, 152485 : BÃCÃLEŞTI, 152494 : IONAŞCU, 152519 : CERVENIA, 152537 : CIOLÃNEŞTII DIN DEAL, 152546 :BALDOVINEŞTI, 152555:CIOLÃNEŞTII DIN VALE, 152573:CONŢEŞTI, 152591:COSMEŞTI, 152608:CIUPERCENI, 152626:CRÂNGENI, 152635 :BALTA SÃRATÃ, 152644:DOROBANŢU, 152653:STEJARU, 152671:CRÂNGU, 152680:DRACEA, 152699:FLORICA, 152706:SECARA, 152715:Z LATA, 152733: DIDEŞTI, 152742: ÎNSURĂȚEI, 152751: SATU NOU, 152779: DOBROTEŞTI, 152788: MERIŞANI, 152804: DRĂCŞENEI, 152813: BE

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UCA, 152822:DRÃCŞANI, 152831:ODOBEASCA, 152840:PLOPI, 152859:SATUL VECHI, 152877:DRÃGÃNEŞTI DE VEDE, 152886:MÃGURA CU LILIAC, 152895: VÃCÃREŞTI, 152911: DRÃGÃNEŞTI-VLAŞCA, 152920: COMOARA, 152939: VÃCENI, 152957: FURCULEŞTI, 152966: MOŞTENI, 15 2975:SPÃTÃREI, 152984:VOIEVODA, 153008:FRUMOASA, 153017:PÃULEASCA, 153035:GÃLÃTENI, 153044:BÂSCOVENI, 153053:GRÃDIŞTE ANCA, 153071: GRATIA, 153080: CIURARI-DEAL, 153099: DRÃGHINEŞTI, 153115: IZVOARELE, 153133: LISA, 153142: VÂNÃTORI, 153160: LUN CA, 153179: PLEAŞOV, 153188: PRUNDU, 153197: SAELELE, 153213: MAVRODIN, 153222: NENCIULEŞTI, 153231: PÃRU ROTUND, 153259: MÃ GURA, 153268: GURUIENI, 153286: MÃLDÃENI, 153302: MERENII DE JOS, 153311: MERENII DE SUS, 153320: STEFENI, 153348: MÂRZÃNESTI, 153357:CERNETU, 153366:TELEORMANU, 153375:VALEA PÃRULUI, 153393:MOŞTENI, 153419:NÃSTURELU, 153428:ZIMNICELE, 153446:N ECŞEŞTI, 153455: BELCIUG, 153464: GÂRDEŞTI, 153482: OLTENI, 153491: PERII BROŞTENI, 153516: ORBEASCA DE JOS, 153525: LÃCENI, 1535 34: ORBEASCA DE SUS, 153552: PERETU, 153570: PIATRA, 153598: PIETROŞANI, 153614: PLOSCA, 153632: PLOPII-SLĀVITEŞTI, 153641: BECIU , 153650: BÂRSEŞTII DE JOS, 153669: BRÂNCOVEANCA, 153678: DUDU, 153687: SMÂRDAN, 153703: POENI, 153712: BANOV, 153721: BRĂTEŞ TI, 153730:CÃTUNU, 153749:PREAJBA, 153758:ŢÃVÂRLÃU, 153767:VÃTAŞI, 153785:VITANESTI, 153794:SCHITU POIENARI, 153801:SILIŞTE A, 153810: PURANI, 153838: PUTINEIU, 153847: BÃDULEASA, 153856: CÂRLOMANU, 153874: RÃDOIEŞTI-VALE, 153883: CETATEA, 153892: RÃ DOIEȘTI-DEAL, 153918: RĂSMIREȘTI, 153927: LUDÂNEASCA, 153945: SALCIA, 153954: BĂNEASA, 153963: TUDOR VLADIMIRESCU, 153981: S ÃCENI, 153990:BUTCULEŞTI, 154004:CIURARI, 154022:SCRIOAŞTEA, 154031:BREBINA, 154040:CUCUEŢI, 154059:VIILE, 154077:SCURTU MARE, 154086: ALBENI, 154095: DRÃCEŞTI, 154102: NEGRILEŞTI, 154111: SCURTU-SLÃVEŞTI, 154120: VALEA POŞTEI, 154148: SEACA, 154157 :NÃVODARI, 154175:SFINŢEŞTI, 154193:SEGARCEA-VALE, 154200:OLTEANCA, 154219:SEGARCEA-DEAL, 154237:SILIŞTEA, 154246:BUTEŞ TI, 154255: PURANI, 154264: PURANII DE SUS, 154273: SILIŞTEA MICÃ, 154291: SILIŞTEA-GUMEŞTI, 154317: SÂRBENII DE JOS, 154326: SÂRB ENI, 154335: UDENI, 154353: SLOBOZIA MÂNDRA, 154362: UDA-CLOCOCIOV, 154371: UDA-PACIUREA, 154399: SMÂRDIOASA, 154406: ŞOIM U, 154424:STEJARU, 154433:BRATCOVU, 154442:GRESIA, 154451:SOCETU, 154479:SUHAIA, 154488:FÂNTÂNELE, 154503:ŞTOROBÃNEAS A, 154512:BEIU, 154530:TALPA-OGRÃZILE, 154549:LINIA COSTII, 154558:ROTÃREȘTI, 154567:TALPA-BÂSCOVENI, 154576:TALPA POȘTEI, 1 54594:TÃTÃRÃŞTII DE JOS, 154601:LADA, 154610:NEGRENI, 154629:NEGRENII DE SUS, 154638:NEGRENII-OSEBIŢI, 154647:OBÂRTU, 1546 56: SLÃVEŞTI, 154674: TÃTÃRÃŞTII DE SUS, 154683: DOBRENI, 154692: UDUPU, 154718: TOPORU, 154727: TOMULEŞTI, 154745: TRAIAN, 154 763:TRIVALEA-MOŞTENI, 154772:BRÃTÃŞANI, 154781:DEPARAŢI, 154807:TROIANUL, 154816:DULCENI, 154825:VATRA, 154843:ŢIGÃNEŞT I, 154861: VEDEA, 154870: ALBEŞTI, 154889: COŞOTENI, 154898: DULCEANCA, 154905: MERI, 154923: VIIŞOARA, 154941: VÂRTOAPELE DE S US, 154950:GÃRÃGÃU, 154969:VÂRTOAPELE DE JOS, 154987:ZÂMBREASCA, 155252:TIMIŞOARA, 155270:DUMBRÃVIŢA, 155298:GHIRODA, 155305:GIARMATA-VII, 155323:GIROC, 155332:CHIŞODA, 155369:LUGOJ, 155378:MÃGURI, 155387:TAPIA, 155412:BUZIAŞ, 155421:SILA GIU, 155430:BACOVA, 155467:DETA, 155476:OPATIŢA, 155500:JIMBOLIA, 155537:SÂNNICOLAU MARE, 155555:BALINŢ, 155564:BODO, 15 5573:FÃDIMAC, 155582:TÂRGOVIŞTE, 155608:BANLOC, 155617:DOLAŢ, 155626:LIVEZILE, 155635:OFSENIŢA, 155644:PARTOŞ, 155653:SO CA, 155671:BARA, 155680:DOBREŞTI, 155699:LÃPUŞNIC, 155706:RÃDMÃNEŞTI, 155715:SPATA, 155733:BEBA VECHE, 155742:CHERESTU R, 155751: PORDEANU, 155779: BECICHERECU MIC, 155788: DUDEŞTII NOI, 155804: BELINŢ, 155813: BABŞA, 155822: CHIZĂTÂU, 155831: G RUNI, 155859: BETHAUSEN, 155868: CLADOVA, 155877: CLICIOVA, 155886: CUTINA, 155895: LEUCUŞEŞTI, 155902: NEVRINCEA, 155920: BIL ED, 155939:ŞANDRA, 155948:UIHEI, 155966:BÂRNA, 155975:BOTEŞTI, 155984:BOTINEŞTI, 155993:DRINOVA, 156008:JUREŞTI, 156017:P OGÃNEŞTI, 156026:SÃRÃZANI, 156044:BOGDA, 156053:ALTRINGEN, 156062:BUZAD, 156071:CHARLOTENBURG, 156080:COMEAT, 156099 :SINTAR, 156115:BOLDUR, 156124:JABÃR, 156133:OHABA-FORGACI, 156142:SINERSIG, 156160:BRESTOVÃŢ, 156179:COŞARII, 156188:HO DOŞ, 156197:LUCARET, 156204:TEŞ, 156222:CÃRPINIŞ, 156231:IECEA MARE, 156240:IECEA MICÃ, 156268:CENAD, 156286:CENEI, 156295 :BOBDA, 156302:CHECEA, 156320:CHEVEREŞU MARE, 156339:DRAGŞINA, 156348:VUCOVA, 156366:CIACOVA, 156375:CEBZA, 156384:G AD, 156393: GHILAD, 156400: MACEDONIA, 156419: OBAD, 156428: PETROMAN, 156446: COMLOŞU MARE, 156455: COMLOŞU MIC, 156464: LUNGA, 156482:COŞTEIU, 156491:HEZERIŞ, 156507:PÃRU, 156516:ŢIPARI, 156525:VALEA LUNGÃ ROMÂNÃ, 156543:CRICIOVA, 156552:CI REŞU, 156561:CIREŞU MIC, 156570:JDIOARA, 156598:CURTEA, 156605:COŞAVA, 156614:HOMOJDIA, 156632:DAROVA, 156641:HODOŞ, 15 6650:SACOŞU MARE, 156678:DENTA, 156687:BREŞTEA, 156696:ROVINIŢA MARE, 156703:ROVINIŢA MICÃ, 156721:DUDEŞTII VECHI, 1567 30: CHEGLEVICI, 156749: COLONIA BULGARÃ, 156758: VĂLCANI, 156776: DUMBRAVA, 156785: BUCOVÃŢ, 156794: RÃCHITA, 156810: FÃGET, 156829: BÃTEŞTI, 156838: BEGHEIU MIC, 156847: BICHIGI, 156856: BRÃNEŞTI, 156865: BUNEA MARE, 156874: BUNEA MICÃ, 156883: COLO NIA MICÃ, 156892:JUPÂNEŞTI, 156909:POVÂRGINA, 156918:TEMEREŞTI, 156936:FÂRDEA, 156945:DRÃGSINEŞTI, 156954:GLADNA MONTA NÃ, 156963: GLADNA ROMÂNA, 156972: HÃUZEŞTI, 156981: MÂTNICU MIC, 156990: ZOLT, 157013: FOENI, 157022: CRUCENI, 157040: GAVOJ DIA, 157059: JENA, 157068: LUGOJEL, 157077: SÃLBÃGEL, 157095: GÃTAIA, 157102: BERECUŢA, 157111: BIRDA, 157120: BUTIN, 157139: MÂ NÃSTIRE, 157148: PERCOSOVA, 157157: SCULIA, 157166: SÂNGEORGE, 157175: ŞEMLACU MARE, 157184: ŞEMLACU MIC, 157200: GHIZELA, 1 57219:HISIAŞ, 157228:PANIOVA, 157237:ŞANOVIŢA, 157255:GIARMATA, 157264:CERNETEAZ, 157282:GIERA, 157291:GRÃNICERII, 15730 8:TOAGER, 157326:GIULVÃZ, 157335:CRAI NOU, 157344:IVANDA, 157353:RUDNA, 157371:JAMU MARE, 157380:CLOPODIA, 157399:FERE NDIA, 157406: GHERMAN, 157415: LÃŢUNAŞ, 157433: JEBEL, 157442: PĂDURENI, 157460: LENAUHEIM, 157479: BULGÃRUŞ, 157488: GRABÂ T, 157503:LIEBLING, 157512:CERNA, 157521:IOSIF, 157549:LOVRIN, 157558:GOTTLOB, 157567:TOMNATIC, 157576:VIZEJDIA, 157594:MA RGINA, 157601: BREAZOVA, 157610: BULZA, 157629: COŞEVIŢA, 157638: COŞTEIU DE SUS, 157647: GROŞI, 157656: NEMEŞEŞTI, 157665: SIN TEŞTI, 157674: ZORANI, 157692: MAŞLOC, 157709: ALIOŞ, 157718: FIBIŞ, 157727: REMETEA MICÃ, 157745: MÃNÃŞTIUR, 157754: PÃDURANI, 157763: REMETEA-LUNCÃ, 157772: TOPLA, 157790: MORAVIŢA, 157807: DEJAN, 157816: GAIU MIC, 157825: STAMORA GERMANÃ, 157843: M OŞNIŢA NOUÃ, 157852: ALBINA, 157861: MOŞNIŢA VECHE, 157870: RUDICICA, 157889: URSENI, 157905: NÃDRAG, 157914: CRIVINA, 157932 :NIŢCHIDORF, 157941:BLAJOVA, 157950:DUBOZ, 157978:OHABA LUNGÃ, 157987:DUBEŞTI, 157996:IERŞNIC, 158001:OHABA ROMÂNÃ, 1 58029:ORŢIŞOARA, 158038:CÃLACEA, 158047:CORNEŞTI, 158056:SECEANI, 158074:PECIU NOU, 158083:DINIAŞ, 158092:SÂNMARTINU S ÂRBESC, 158118: PERIAM, 158127: PESAC, 158145: PIETROASA, 158154: CRIVINA DE SUS, 158163: FÃRÃŞEŞTI, 158172: POIENI, 158190: PIŞC HIA, 158207:BENCECU DE JOS, 158216:BENCECU DE SUS, 158225:MURANI, 158234:SÃLCIUA NOUÃ, 158252:RACOVIŢA, 158261:CÃPÃT, 1 58270: DRÃGOIEŞTI, 158289: FICÃTAR, 158298: HITIAŞ, 158305: SÂRBOVA, 158323: RECAŞ, 158332: BAZOŞ, 158341: HERNEACOVA, 158350: I ZVIN, 158369: NADÃŞ, 158378: PETROVASELO, 158387: STANCIOVA, 158403: REMETEA MARE, 158412: BAZOŞU NOU, 158421: BUCOVÃŢ, 158 430:IANOVA, 158458:SACOŞU TURCESC, 158467:BERINI, 158476:ICLODA, 158485:OTVEŞTI, 158494:STAMORA ROMÂNÃ, 158500:ULIUC, 1 58519: UNIP, 158537: SATCHINEZ, 158546: BÃRÃTEAZ, 158555: HODONI, 158573: SÃCÃLAZ, 158582: BEREGSÃU MARE, 158591: BEREGSÃU MIC, 158617:SECAŞ, 158626:CHECHEŞ, 158635:CRIVOBARA, 158644:VIZMA, 158662:SÂNANDREI, 158671:CARANI, 158680:COVACI, 1587 06:SÂNMIHAIU ROMÂN, 158715:SÂNMIHAIU GERMAN, 158724:UTVIN, 158742:SÂNPETRU MARE, 158751:IGRIŞ, 158760:SARAVALE, 15878 8:ŞAG, 158797:PARŢA, 158813:ŞTIUCA, 158822:DRAGOMIREŞTI, 158831:OLOŞAG, 158840:ZGRIBEŞTI, 158868:TEREMIA MARE, 158877:N ERÃU, 158886: TEREMIA MICÃ, 158902: TOMEŞTI, 158911: BALOŞEŞTI, 158920: COLONIA FABRICII, 158939: LUNCANII DE JOS, 158948: LUNC ANII DE SUS, 158957: ROMÂNEȘTI, 158975: TOPOLOVĂŢU MARE, 158984: CRALOVĂŢ, 158993: ICTAR-BUDINŢI, 159008: IOSIFALĂU, 159017: S UŞTRA, 159026:TOPOLOVĂŢU MIC, 159044:TORMAC, 159053:CADAR, 159062:ŞIPET, 159080:SUDRIAŞ, 159099:JUPANI, 159106:SÃCENI, 1 59115:SURDUCU MIC, 159124:SUSANI, 159133:TRAIAN VUIA, 159151:UIVAR, 159160:IOHANISFELD, 159179:OTELEC, 159188:PUSTINIŞ, 1 59197: RÃUŢI, 159204: SÂNMARTINU MAGHIAR, 159222: VARIAŞ, 159231: GELU, 159240: SÂNPETRU MIC, 159268: VICTOR VLAD DELAMARIN A, 159277: HERENDEŞTI, 159286: HONORICI, 159295: PÃDURENI, 159302: PETROASA MARE, 159311: PINI, 159320: VIŞAG, 159348: VOITEG, 1 59357: FOLEA, 159623: TULCEA, 159632: TUDOR VLADIMIRESCU, 159669: BABADAG, 159696: ISACCEA, 159703: TICHILEŞTI, 159712: REVÂRS AREA, 159749: MÃCIN, 159776: SULINA, 159794: BAIA, 159801: CAMENA, 159810: CAUGAGIA, 159829: CEAMURLIA DE SUS, 159838: PANDU RU, 159856:BEIDAUD, 159865:NEATÂRNAREA, 159874:SARIGHIOL DE DEAL, 159892:C.A. ROSETTI, 159909:CARDON, 159918:LETEA, 15992 7:PERIPRAVA, 159936:SFIŞTOFCA, 159954:CARCALIU, 159972:CASIMCEA, 159981:CIŞMEAUA NOUÃ, 159990:CORUGEA, 160001:HAIDAR, 160010:RAHMAN, 160029:RÃZBOIENI, 160038:STÂNCA, 160056:CEATALCHIOI, 160065:PÃTLÃGEANCA, 160074:PLAURU, 160083:SÃLCENI , 160109: CEAMURLIA DE JOS, 160118: LUNCA, 160136: CERNA, 160145: GENERAL PRAPORGESCU, 160154: MIRCEA VODÃ, 160163: TRAIAN, 1

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60181: CHILIA VECHE, 160190: CÂŞLIŢA, 160207: OSTROVU TÃTARU, 160216: TATANIR, 160234: CIUCUROVA, 160243: ATMAGEA, 160252: FÂ NTÂNA MARE, 160270: CRIŞAN, 160289: CARAORMAN, 160298: MILA 23, 160314: DÃENI, 160332: DOROBANŢU, 160341: ARDEALU, 160350: CÂRJELARI, 160369: FÂNTÂNA OILOR, 160378: MEŞTERU, 160396: FRECÃŢEI, 160403: CATALOI, 160412: POŞTA, 160421: TELIŢA, 160449: GRE CI, 160467: GRINDU, 160485: HAMCEARCA, 160494: BALABANCEA, 160500: CÃPRIOARA, 160519: NIFON, 160537: HORIA, 160546: CLOŞCA, 1 60555:FLOREŞTI, 160573:IZVOARELE, 160582:ALBA, 160591:IULIA, 160608:VALEA TEILOR, 160626:JIJILA, 160635:GARVÃN, 160653:JURILO VCA, 160662: VISINA, 160671: SÃLCIOARA, 160699: LUNCAVITA, 160706: RACHELU, 160715: VÃCÃRENI, 160733: MAHMUDIA, 160742: BÃLTE NII DE JOS, 160751: BÂLTENII DE SUS, 160760: BEȘTEPE, 160788: MALIUC, 160797: ILGANII DE SUS, 160804: GORGOVA, 160813: PARTIZANI, 160822:VULTURU, 160840:MIHAI BRAVU, 160859:SATU NOU, 160868:TURDA, 160886:MIHAIL KOGÃLNICEANU, 160895:LÃSTUNI, 160902 :RÂNDUNICA, 160920:MURIGHIOL, 160939:COLINA, 160948:DUNAVÃŢU DE JOS, 160957:DUNAVÃŢU DE SUS, 160966:PLOPUL, 160975:SA RINASUF, 160984: UZLINA, 161008: NALBANT, 161017: NICOLAE BĂLCESCU, 161026: TRESTENIC, 161044: NICULIȚEL, 161062: NUFĂRU, 1610 71:ILGANII DE JOS, 161080: MALCOCI, 161099: VICTORIA, 161115: OSTROV, 161124: PIATRA, 161142: PARDINA, 161160: PECENEAGA, 16118 8: SARICHIOI, 161197: ENISALA, 161204: SABANGIA, 161213: VISTERNA, 161222: ZEBIL, 161240: SFÂNTU GHEORGHE, 161268: SLAVA CERCH EZÃ, 161277:SLAVA RUSÃ, 161295:SMÂRDAN, 161311:SOMOVA, 161320:MINERI, 161339:PARCHEŞ, 161357:STEJARU, 161366:MINA ALTÂ N TEPE, 161375: VASILE ALECSANDRI, 161393: TOPOLOG, 161400: CALFA, 161419: CERBU, 161428: FÃGÃRAŞU NOU, 161437: LUMINIŢA, 161 446: MÃGURELE, 161455: SÂMBÃTA NOUÃ, 161473: TURCOAIA, 161491: VALEA NUCARILOR, 161507: AGIGHIOL, 161516: IAZURILE, 161534: I .C.BRÃTIANU, 161801:BÂRLAD, 161838:HUŞI, 161865:NEGREŞTI, 161874:CÃZÃNEŞTI, 161883:CIOATELE, 161892:GLODENI, 161909:PARP ANIȚA, 161918: POIANA, 161927: VALEA MARE, 161954: VASLUI, 161963: BAHNARI, 161972: BRODOC, 161981: MOARA GRECILOR, 161990: RE DIU, 162005:VIIŞOARA, 162023:ALBEŞTI, 162032:CORNI-ALBEŞTI, 162041:CRASNA, 162050:GURA ALBEŞTI, 162078:ALEXANDRU VLAHUŢĀ , 162087:BUDA, 162096:GHICANI, 162103:IBÃNEŞTI, 162112:MÂNZAŢI, 162121:MORÃRENI, 162130:PUŢU OLARULUI, 162158:ARSURA, 16 2167: FUNDÃTURA, 162176: MIHAIL KOGÃLNICEANU, 162185: PÂHNESTI, 162201: GARA BANCA, 162210: BANCA, 162229: GHERMÃNEŞTI, 1 62238:MICLEŞTI, 162247:MITOC, 162256:SATU NOU, 162265:SÃLCIOARA, 162274:SÂRBI, 162283:STOIŞEŞTI, 162292:STRÂMTURA-MITOC , 162309: ŢIFU, 162318: 1 DECEMBRIE, 162336: BÃCANI, 162345: BÃLTÃŢENI, 162354: DRUJEŞTI, 162363: SUSENI, 162372: VULPÃŞENI, 16239 0:BÃCEŞTI, 162407:ARMÃŞENI, 162416:BÃBUŞA, 162425:PÃLTINIŞ, 162434:ŢIBÃNEŞTII BUHLII, 162443:VOVRIEŞTI, 162461:BÃLTENI, 162 470:BÃLTENI-DEAL, 162489:CHETREŞTI, 162504:BEREZENI, 162513:MUŞATA, 162522:RÂNCENI, 162531:SATU NOU, 162540:STUHULEŢ, 1 62568:BLÃGEŞTI, 162577:IGEŞTI, 162586:SIPENI, 162602:BOGDANA, 162611:ARŞIŢA, 162620:FÂNTÂNA BLÃNARULUI, 162639:GÃVANU, 162648: LACU BABEI, 162657: PLOPENI, 162666: SIMILIŞOARA, 162675: SUCEVENI, 162684: VERDEŞ, 162700: BOGDÃNEŞTI, 162719: BUDA, 1 62728:HOROIATA, 162737:HUPCA, 162746:ORGOIEȘTI, 162755:ULEA, 162764:UNȚEȘTI, 162773:VIŞINARI, 162782:VLÃDEȘTI, 162808:BO GDÃNIŢA, 162817:CEPEŞTI, 162826:CÂRŢIBAŞI, 162835:COROIEŞTI, 162844:RÃDÃEŞTI, 162853:SCHITU, 162862:TUNSEŞTI, 162880:BOŢE ŞTI, 162899:GÃNEŞTI, 162906:GUGEŞTI, 162915:TÃLPIGENI, 162933:AVEREŞTI, 162942:ARMÃŞENI, 162951:BUNEŞTI, 162960:PLOPI, 162 979: PODU OPRII, 162988: ROŞIORI, 162997: TÃBÂLÁEŞTI, 163011: CODÃEŞTI, 163020: GHERGHELEU, 163039: PRIBEŞTI, 163048: REDIU GALI AN, 163066: COROIEȘTI, 163075: CHILIENI, 163084: COROIEȘTII DE SUS, 163093: HREASCA, 163100: MIRENI, 163119: MOVILENI, 163128: PÃ CURĂREȘTI, 163146:COSTEȘTI, 163155:CHIŢCANI, 163164:DINGA, 163173:PÂRVEȘTI, 163182:PUNTIȘENI, 163191:RĂDEȘTI, 163217:CREȚ EŞTI, 163226:BUDEŞTI, 163235:CREŢEŞTII DE SUS, 163244:SATU NOU, 163262:DÃNEŞTI, 163271:BEREASA, 163280:BOŢOAIA, 163299:EM IL RACOVIȚĂ, 163306: RĂȘCANI, 163315: TĂTĂRĂNI, 163333: DELENI, 163342: BULBOACA, 163351: MORENI, 163360: ZIZINCA, 163388: DELE ŞTI, 163397:ALBEŞTI, 163404:BÂLEŞTI, 163413:COZMEŞTI, 163422:FÂSTÂCI, 163431:FUNDÃTURA, 163440:HÂRSOVA, 163459:HORDILEŞT Í, 163468: MÂNÃSTIREA, 163477: RÃDUIEȘTI, 163495: DRAGOMIREȘTI, 163501: BÃBUŢA, 163510: BELZENI, 163529: BOTOI, 163538: CIUPERC A, 163547: DOAGELE, 163556: POIANA PIETREI, 163565: POPEŞTI, 163574: RÃDENI, 163583: SEMENEA, 163592: TULEŞTI, 163609: VLADIA, 16 3627: DRÂNCENI, 163636: ALBIȚA, 163645: BĂILE DRÂNCENI, 163654: GHERMÂNEȘTI, 163663: RÂȘEȘTI, 163672: ŞOPÂRLENI, 163690: EPURE NI, 163707: BOBEȘTI, 163716: DUDA, 163725: VALEA GRECULUI, 163743: DUMEȘTI, 163752: DUMEȘTII VECHI, 163761: SCHINETEA, 163770: VALEA MARE, 163798: EPURENI, 163805: BÂRLÃLEŞTI, 163814: BURSUCI, 163823: HORGA, 163841: FÃLCIU, 163850: BOGDÃNEŞTI, 163869: B OZIA, 163878:COPÃCEANA, 163887:ODAIA BOGDANA, 163896:RÂNZEŞTI, 163912:GÃGEŞTI, 163921:GIURCANI, 163930:PEICANI, 163949: POPENI, 163958:TUPILAŢI, 163976:GHERGHEŞTI, 163985:CHETROSU, 163994:CORODEŞTI, 164008:DRAGOMÃNEŞTI, 164017:DRÃXENI, 16 4026:LAZU, 164035:LUNCA, 164044:SOCI, 164053:VALEA LUPULUI, 164071:GÂRCENI, 164080:DUMBRÃVENI, 164099:RACOVA, 164106:R ACOVIŢA, 164115:SLOBOZIA, 164124:TROHAN, 164142:GRIVIŢA, 164151:FRUNTIŞENI, 164160:GRÃJDENI, 164179:ODAIA BURSUCANI, 164 188:TRESTIANA, 164204:HOCENI, 164213:BARBOŞI, 164222:DELENI, 164231:OŢELENI, 164240:REDIU, 164259:ŞIŞCANI, 164268:TOMŞA, 164286: HURDUGI, 164295: GRUMEZOAIA, 164302: GUŞIŢEI, 164311: PLOTONEŞTI, 164320: URLAŢI, 164348: IANA, 164357: HÃLÃREŞTI, 164 366: RECEA, 164375: SILIŞTEA, 164384: VADURILE, 164400: IVÃNEŞTI, 164419: ALBINA, 164428: BLEŞCA, 164437: BROŞTENI, 164446: BUSCA TA, 164455:COŞCA, 164464:COŞEŞTI, 164473:FUNDÃTURA MARE, 164482:FUNDÃTURA MICÃ, 164491:HÂRŞOVENI, 164507:IEZEREL, 1645 16: URSOAIA, 164525: VALEA MARE, 164534: VALEA OANEI, 164552: IVEŞTI, 164561: BELCEŞTI, 164570: POGONEŞTI, 164589: POLOCIN, 1646 05:LAZA, 164614:BEJENEŞTI, 164623:POJANA LUI ALEXA, 164632:PUŞCAŞI, 164641:RÂŞNIŢA, 164650:SAUCA, 164669:TEIŞORU, 164678:V ALEA TÂRGULUI, 164696:LIPOVÃT, 164703:CÃPUŞNENI, 164712:CHIŢOC, 164721:CORBU, 164730:FUNDU VÃII, 164758:LUNCA BANULUI, 164767:BROSCOŞEŞTI, 164776:CONDREA, 164785:FOCŞA, 164794:LUNCA VECHE, 164801:OŢETOAIA, 164810:RĂDUCANI, 164838:MÃLUŞ TENI, 164847: GHIREASCA, 164856: LUPEŞTI, 164865: MÂNÃSTIREA, 164874: MÂNZÃTEŞTI, 164883: ŢUŢCANI, 164909: MICLEŞTI, 164918: C HIRCEŞTI, 164927: POPEŞTI, 164945: MUNTENII DE JOS, 164954: BÃCÃOANI, 164963: MÂNJEŞTI, 164972: SECUIA, 164990: MURGENI, 165005 :CÂRJA, 165014:LÃŢĘŞTI, 165023:SÃRÃŢENI, 165032:SCHINENI, 165041:RAIU, 165050:FLORENI, 165078:OLTENEŞTI, 165087:CURTENI, 16 5096: PÂHNA, 165103: TÂRZII, 165112: VINEŢEŞTI, 165121: ZGURA, 165149: OŞEŞTI, 165158: BUDA, 165167: PÃDURENI, 165176: VÂLCELE, 1 65194: PÃDURENI, 165201: CÃPOTEŞTI, 165210: DAVIDEŞTI, 165229: IVÃNEŞTI, 165238: LEOŞTI, 165247: RUSCA, 165256: TODIRENI, 165265 : VĂLENI, 165283: PERIENI, 165292: CIOCANI, 165309: CRÂNG, 165318: CRÂNGU NOU, 165327: PODU PETRIŞ, 165345: POIENEŞTI, 165354: D EALU SECĂRII, 165363: FLOREȘTI, 165372: FRASINU, 165381: FUNDU VĂII, 165390: OPRIȘIȚA, 165407: POIENEȘTI-DEAL, 165425: POGANA, 16 5434:BOGEŞTI, 165443:CÂRJOANI, 165452:MÃSCUREI, 165461:TOMEŞTI, 165489:PUIEŞTI, 165498:BÃRTÃLUŞ-MOCANI, 165504:BÃRTÃLU Ş-RĂZEŞI, 165513: CĂLIMĂNEŞTI, 165522: CETĂŢUIA, 165531: CRISTEŞTI, 165540: FÂNTÂNELE, 165559: FULGU, 165568: GÂLŢEŞTI, 165577: I EZER, 165586: LÃLEŞTI, 165595: ROTARI, 165602: RUŞI, 165620: PUNGEŞTI, 165639: ARMÃŞOAIA, 165648: CURSEŞTI-DEAL, 165657: CURSEŞT I-VALE, 165666: HORDILA, 165675: RAPŞA, 165684: SILIŞTEA, 165693: STEJARU, 165700: TOPORÃŞTI, 165728: REBRICEA, 165737: BOLAŢI, 165 746:CRÃCIUNEŞTI, 165755:DRAXENI, 165764:MÃCREŞTI, 165773:RATEŞU CUZEI, 165782:SASOVA, 165791:TATOMIREŞTI, 165808:TUFEŞT II DE JOS, 165826: ROŞIEŞTI, 165835: CODRENI, 165844: GARA ROŞIEŞTI, 165853: GURA IDRICI, 165862: IDRICI, 165871: REDIU, 165880: VALE A LUI DARIE, 165906: SOLEŞTI, 165915: BOUŞORI, 165924: IAZ, 165933: SATU NOU, 165942: ŞERBOTEŞTI, 165951: ŞTIOBORÂNI, 165960: VAL EA SILISTEI, 165988: STÂNILESTI, 165997: BOGDANA-VOLOSENI, 166002: BUDU CANTEMIR, 166011: CHERSÃCOSU, 166020: GURA VÃII, 1660 39:POGÃNEŞTI, 166048:SÃRATU, 166066:ŞTEFAN CEL MARE, 166075:BÂRZEŞTI, 166084:BRÃHÃŞOAIA, 166093:CÃLUGÃRENI, 166100:CÃN ŢÃLÃREŞTI, 166119:MÃRÃŞENI, 166128:MUNTENEŞTI, 166146:ŞULETEA, 166155:FEDEŞTI, 166164:JIGÃLIA, 166173:RÃŞCANI, 166191:TAN ACU, 166208:BENEŞTI, 166217:MUNTENII DE SUS, 166226:SATU NOU, 166244:TÃCUTA, 166253:CUJBA, 166262:DUMASCA, 166271:FOCŞ EAŞCA, 166280: MIRCEŞTI, 166299: PROTOPOPEŞTI, 166306: SOFIENI, 166324: TĂTĂRĂNI, 166333: BĂLŢAŢI, 166342: CRĂSNĂŞENI, 166351: GIURGEȘTI, 166360: LEOȘTI, 166379: MANTU, 166388: STROIEȘTI, 166397: VALEA LUI BOSIE, 166404: VALEA SEACĂ, 166422: TODIREȘTI, 166 431:COTIC, 166440:DRÃGEŞTI, 166459:HUC, 166468:PLOPOASA, 166477:RAFAILA, 166486:SILIŞTEA, 166495:SOFRONEŞTI, 166501:VALEA POPII, 166510: VIIŞOARA, 166538: TUTOVA, 166547: BĀDEANA, 166556: BORODEŞTI, 166565: CIORTOLOM, 166574: COROIU, 166583: CRIVEŞ TI, 166592: POCHIDIA, 166609: SATU NOU, 166618: SÃLCENI, 166627: VIZURENI, 166645: VÃLENI, 166654: FEREŞTI, 166663: MOARA DOMNE ASCÃ, 166681: VETRIŞOAIA, 166690: BUMBÃTA, 166716: VIIŞOARA, 166725: DODEŞTI, 166734: HALTA DODEŞTI, 166743: URDEŞTI, 166752: V ÃLENI, 166761: VILTOTEŞTI, 166789: VINDEREI, 166798: BRÃDEŞTI, 166805: DOCANI, 166814: DOCÃNEASA, 166823: GARA DOCÃNEASA, 166

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832:GARA TÃLÃŞMAN, 166841:OBÂRŞENI, 166850:VALEA LUNGÃ, 166878:VOINEŞTI, 166887:AVRÃMEŞTI, 166896:BÃNCEŞTI, 166903:COR OBÂNEŞTI, 166912:GÂRDEŞTI, 166921:MĂRĂŞEŞTI, 166930:OBÂRŞENI, 166949:OBÂRŞENII LINGURARI, 166958:RUGĀRIA, 166967:STÂNC ÃȘENI, 166976: URICARI, 166994: VULTUREȘTI, 167008: BUHĂIEȘTI, 167017: PODENI, 167026: VOINEȘTI, 167044: VUTCANI, 167053: MÃLĂIE \$TI, 167062:PO\$TA ELAN, 167080:ZÃPODENI, 167099:BUTUCÃRIA, 167106:CIOFENI, 167115:DELEA, 167124:DOBROSLOVE\$TI, 167133:M ÃCREŞTI, 167142: PORTARI, 167151: TELEJNA, 167160: UNCEŞTI, 167188: ZORLENI, 167197: DEALU MARE, 167204: POPENI, 167213: SIMILA, 167482: RÂMNICU VÂLCEA, 167491: ARANGHEL, 167507: CÃZÃNESTI, 167516: COPÃCELU, 167525: DEALU MALULUI, 167534: POENARI, 1675 43:PRIBA, 167552: RÂURENI, 167561: STOLNICENI, 167570: TROIAN, 167598: GORANU, 167605: FEŢENI, 167614: LESPEZI, 167623: SÃLIŞTEA, 167650: CURÃTURILE, 167669: GÃTEJEŞTI, 167678: PRAJILA, 167703: CHEIA, 167712: COMANCA, 167721: GURGUIATA, 167730: LIVADIA, 167 749: MOŞOROAŞA, 167758: OLÂNEŞTI, 167767: PIETRIŞU, 167776: TISA, 167801: BREZOI, 167810: CÂLINEŞTI, 167829: CORBU, 167838: DRÂG ÃNEŞTI, 167847 : GOLOTRENI, 167856 : PÃSCOAIA, 167865 : PROIENI, 167874 : VALEA LUI STAN, 167883 : VÃRATICA, 167918 : CÃLIMÃNEŞTI, 16 7927:CÃCIULATA, 167936:JIBLEA NOUÃ, 167945:JIBLEA VECHE, 167954:PÃUŞA, 167963:SEACA, 167990:DRÃGÃŞANI, 168005:VALEA CASE LOR, 168014: ZÃRNENI, 168023: ZLÃTÃREI, 168050: HOREZU, 168069: IFRIMEŞTI, 168078: RÂMEŞTI, 168087: ROMANII DE JOS, 168096: ROMA NII DE SUS, 168103:TÂNÂSEŞTI, 168112:URŞANI, 168149:BUDA, 168158:COSOTA, 168167:FÃCÃI, 168176:GURA SUHAŞULUI, 168185:LUN CA, 168194:OCNIȚA, 168201:SLÃTIOARELE, 168210:ŢEICA, 168238:ALUNU, 168247:BODEŞTI, 168256:COLTEŞTI, 168265:IGOIU, 168274:I LACIU, 168283: OCRACU, 168292: ROŞIA, 168318: AMÃRÃŞTI, 168327: MEREŞEŞTI, 168336: NEMOIU, 168345: PADINA, 168354: PALANGA, 16 8363:TEIUL, 168381:BÃBENI, 168390:BONCIU, 168407:CAPU DEALULUI, 168416:PÃDUREŢU, 168425:ROMÂNI, 168434:TÃTÃRANI, 168443 : VALEA MARE, 168461: BÃLCEŞTI, 168470: BENEŞTI, 168489: CHIRCULEŞTI, 168498: CÂRLOGANI, 168504: GORUNEŞTI, 168513: IRIMEŞTI, 16 8522:OTETELIŞU, 168531:PREOTEŞTI, 168540:SATU POIENI, 168568:BODEŞTI, 168577:BÃRBÃTEŞTI, 168586:BÂRZEŞTI, 168595:NEGRULE ŞTI, 168611:BERBEŞTI, 168620:DÃMŢENI, 168639:DEALU ALUNIŞ, 168648:ROŞIOARA, 168657:TÂRGU GÂNGULEŞTI, 168666:VALEA MARE, 168684:STOENEŞTI, 168693:BERISLÃVEŞTI, 168700:BRÃDIŞOR, 168719:DÂNGEŞTI, 168728:RÃDÃCINEŞTI, 168737:ROBAIA, 168746:SCÂU ENI, 168764: BOIŞOARA, 168773: BUMBUEŞTI, 168782: GÃUJANI, 168808: BUDEŞTI, 168817: BARZA, 168826: BERCIOIU, 168835: BÂRSEŞTI, 1 68844:LINIA, 168853:PISCU PIETREI, 168862:RACOVIȚA, 168871:RUDA, 168899:OLTENI, 168906:BOGDÃNEŞTI, 168915:BUJORENI, 168924 :GURA VĂII, 168933:LUNCA, 168942:MALU ALB, 168951:MALU VÂRTOP, 168979:BUNEŞTI, 168988:COASTA MARE, 168997:FIREŞTI, 16900 2:RÂPÃNEŞTI, 169011:TEIUŞU, 169020:TITIRECI, 169048:ARMÃŞEŞTI, 169057:CERNIŞOARA, 169066:GROŞI, 169075:MÃDULARI, 169084: MODOIA, 169093: OBÂRŞIA, 169100: SÃRSÃNEŞTI, 169128: CÂINENII MICI, 169137: CÂINENII MARI, 169146: GREBLEŞTI, 169155: PRILOAGE, 169164: RÂU VADULUI, 169173: ROBEŞTI, 169191: ULMETU, 169208: BÃLTENI, 169217: BONDOCI, 169226: COPÃCENI, 169235: HOTÃRASA, 1 69244:VEŢELU, 169262:COSTEŞTI, 169271:BISTRIŢA, 169280:PIETRENI, 169299:VÃRATICI, 169315:CREŢENI, 169324:IZVORU, 169333:MR ENEŞTI, 169342:STREMINOASA, 169360:DÃEŞTI, 169379:BÃBUEŞTI, 169388:FEDELEŞOIU, 169397:SÂNBOTIN, 169413:DEALU LÃUNELE, 1 69422:BÃDENI, 169431:CERETU, 169440:CIREŞUL, 169459:DEALU SCHEIULUI, 169468:DOBREŞTI, 169477:DRÃGULEŞTI, 169486:GLODU, 169495:GURA CRUCILOR, 169501:LÃUNELE DE JOS, 169510:LINIA PE VALE, 169529:UDREŞTI, 169538:VALEA SCHEIULUI, 169556:DRÃGOEŞ TI, 169565:BUCIUMENI, 169574:GEAMÃNA, 169592:MILEŞTI, 169609:BÃBENI-OLTEŢU, 169618:BUDEŞTI, 169627:BUNGEŢANI, 169636:C OLELIA, 169645: DICULEŞTI, 169654: FĂUREŞTI, 169663: GĂINEŞTI, 169672: MĂRCUŞU, 169690: FÂRTĂŢEŞTI, 169707: AFÂNATA, 169716: BE CŞANI, 169725:CÃŢETU, 169734:CUCI, 169743:DÃNCÃI, 169752:DEJOI, 169761:DOZEŞTI, 169770:GIULEŞTI, 169789:GIULEŞTII DE SUS, 16 9798:GÂRNICET, 169805:MÃRICEŞTI, 169814:NISIPI, 169823:POPEŞTI, 169832:RUSÃNEŞTI, 169841:SECIU, 169850:STÃNCULEŞTI, 169869 :ŞOTANI, 169878:TANISLAVI, 169887:VALEA URSULUI, 169903:FRÂNCEŞTI, 169912:BÃLUŢOAIA, 169921:COŞANI, 169930:DEZROBIŢI, 169 949: GENUNENI, 169958: MÃNÃILEŞTI, 169967: MOŞTENI, 169976: SURPATELE, 169985: VIIŞOARA, 170006: GALICEA, 170015: BRATIA DIN D EAL, 170024: BRATIA DIN VALE, 170033: COCORU, 170042: CREMENARI, 170051: DEALU MARE, 170060: OSTROVENI, 170079: TEIU, 170088: V ALEA RÂULUI, 170104: GHIOROIU, 170113: CĂZÃNEŞTI, 170122: HERÃŞTI, 170131: MIEREA, 170140: POIENARI, 170159: ŞTİRBEŞTI, 170177: GLÃVILE, 170186:ANINOASA, 170195:JAROŞTEA, 170202:OLTEANCA, 170211:VOICULEASA, 170239:POPEŞTI, 170248:ALDEŞTI, 170257:BLI DARI, 170266:COASTA, 170275:DRÃGÃNEŞTI, 170284:GIBEŞTI, 170293:GIURGIUVENI, 170300:OPÃTEŞTI, 170319:POENIŢA, 170328:TULEI -CÂMPENI, 170337:VÃTÃŞEŞTI, 170355:GRÃDIŞTEA, 170364:DIACONEŞTI, 170373:DOBRICEA, 170382:LINIA, 170391:OBISLAVU, 170408:S TRÃCHINEŞTI, 170417:TURBUREA, 170426:ŢUŢURU, 170435:VALEA GRÃDIŞTEI, 170453:GUŞOENI, 170462:BURDÃLEŞTI, 170471:DEALU M ARE, 170480:GUŞOIANCA, 170499:MÃGURENI, 170505:SPÂRLENI, 170523:IONEŞTI, 170532:BUCŞANI, 170541:DEALU MARE, 170550:DEL URENI, 170569: FIŞCĀLIA, 170578: FOTEŞTI, 170587: GUGUIANCA, 170596: MARCEA, 170603: PRODĀNEŞTI, 170621: LALOŞU, 170630: BERBE \$TI, 170649:GHINDARI, 170658:MOLOGE\$TI, 170667:OLTEŢANI, 170676:PORTÃRE\$TI, 170694:LÃDE\$TI, 170701:CERMEGE\$TI, 170710:CH IRICEŞTI, 170729:CIUMAGI, 170738:DEALU CORNI, 170747:GÃGENI, 170756:MÃLDÃREŞTI, 170765:OLTEANCA, 170774:PÃSCULEŞTI, 1707 83:POPEŞTI, 170809:SÃRULEŞTI, 170818:BEREŞTI, 170827:BROŞTENI, 170836:MIJAŢI, 170845:SCORUŞU, 170854:ŞERBÃNEŞTI, 170863:Z ÃRNEŞTI, 170881:LIVEZI, 170890: PÃRÃUŞANI, 170907: PÂRÂIENII DE JOS, 170916: PÂRÂIENII DE MIJLOC, 170925: PÂRÂIENII DE SUS, 170934 : PLEŞOIU, 170943: TINA, 170961: LUNGEŞTI, 170970: CÃRCÃDIEŞTI, 170989: DUMBRAVA, 170998: FUMURENI, 171003: GÃNŢULEI, 171012: S TÃNEŞTI-LUNCA, 171030: MALAIA, 171049: CIUNGETU, 171058: SÃLIŞTEA, 171076: MATEEŞTI, 171085: GRECI, 171094: TURCEŞTI, 171110: O VESELU, 171129:BOCŞA, 171138:BOTORANI, 171147:CIOCÃNARI, 171156:MÃCIUCENI, 171165:MÃLDÃREŞTI, 171174:POPEŞTI, 171183:ŞT EFÃNEŞTI, 171192:ZÃVOIENI, 171218:MÃDULARI, 171227:BÃLŞOARA, 171236:BÃNŢEŞTI, 171245:DIMULEŞTI, 171254:IACOVILE, 171263: MAMU, 171281: MÃLDÃREŞTI, 171290: MÃLDÃREŞTII DE JOS, 171307: ROŞOVENI, 171316: TELECHEŞTI, 171334: BULETA, 171343: ARSANCA, 171352:BÂRSEŞTI, 171361:GOVORA, 171370:GURIŞOARA, 171389:MÃGURA, 171398:MIHÃEŞTI, 171405:MUNTENI, 171414:NEGRENI, 171 423:RUGETU, 171432:SCÃRIŞOARA, 171441:STUPÃREI, 171450:VULPUEŞTI, 171478:MILCOIÚ, 171487:CÃZÃNEŞTI, 171496:CIUTEŞTI, 171 502:IZBÃSEŞTI, 171511:ŞURICARU, 171520:TEPŞENARI, 171548:MUEREASCA, 171557:ANDREIEŞTI, 171566:FRÂNCEŞTI-COASTA, 171575: GÃVÃNEŞTI, 171584: HOTARELE, 171593: MUEREASCA DE SUS, 171600: PRIPOARA, 171619: ŞUTA, 171637: ROTÃRÃŞTI, 171646: BÃNEŞTI, 17 1655: CORBII DIN VALE, 171664: DOSU RÂULUI, 171673: GINERICA, 171682: GÂLTOFANI, 171691: LINIA HANULUI, 171708: MÃZÃRARU, 1717 17: MÂNGURENI, 171726: PLEŞOIU, 171735: POPEŞTI, 171744: PREDEŞTI, 171753: SCHITU, 171762: ŞERBĂNEASA, 171771: TUFANII, 171780: VALEA BĂLCEASCĂ, 171799: VALEA VIEI, 171815: OLANU, 171824: CASA VECHE, 171833: CIOBOȚI, 171842: DRĂGIOIU, 171851: NICOLEȘTI, 1 71860:STOICÃNEŞTI, 171888:ORLEŞTI, 171897:AUREŞTI, 171904:PROCOPOAIA, 171913:SCAIOŞI, 171922:SILEA, 171940:OTEŞANI, 171959 : BOGDÃNEŞTI, 171968: CÂRSTÃNEŞTI, 171977: CUCEŞTI, 171986: SUB DEAL, 172000: PÃUŞEŞTI, 172019: BARCANELE, 172028: BUZDUGAN, 172037:CERNELELE, 172046:PÃUSEŞTI-OTÃSÃU, 172055:ŞERBÃNEŞTI, 172064:ŞOLICEŞTI, 172073:VÃLENI, 172091:PÃUŞEŞTI-MÃGLAŞI, 1 72108:COASTA, 172117:PIETRARI, 172126:ULMEŢEL, 172135:VALEA CHEII, 172144:VLÃDUCENI, 172162:PERIŞANI, 172171:BÃIAŞU, 17218 0:BRATOVEŞTI, 172199:CUCOIU, 172206:MLÃCENI, 172215:PODENI, 172224:POIANA, 172233:PRIPOARE, 172242:SPINU, 172251:SURDOI U, 172260:TITEŞTI, 172288:PESCEANA, 172297:CERMEGEŞTI, 172304:LUPOAIA, 172313:NEGRAIA, 172322:ROEŞTI, 172331:URSOAIA, 172 359: PIETRARI, 172368: PIETRARII DE SUS, 172386: POPESTI, 172395: CURTEA, 172402: DÃESTI, 172411: FIRIJBA, 172420: MEIENI, 172439: UR ŞI, 172448: VALEA CASELOR, 172466: PRUNDENI, 172475: BÃRBUCENI, 172484: CÃLINA, 172493: ZÃVIDENI, 172518: RACOVIȚA, 172527: BAL OTA, 172536: BLÃNOIU, 172545: BRADU-CLOCOTICI, 172554: COPÃCENI, 172563: GRUIU LUPULUI, 172572: TUŢULEŞTI, 172590: ROEŞTI, 172 607: BÃIAŞA, 172616: BÃJENARI, 172625: BÃRBÃRIĞENI, 172634: CIOCÂLTEI, 172643: CUENI, 172652: FRÃSINA, 172661: PISCU SCOARŢEI, 17 2670: RÂPA CÃRÃMIZII, 172689: SAIOCI, 172705: ROŞIILE, 172714: BALACIU, 172723: CHERÃŞTI, 172732: HOTÃROAIA, 172741: LUPUIEŞTI, 1 72750: PÃSÃREI, 172769: PERTEŞTI, 172778: PLESEŞTI, 172787: RÃŢÃLEŞTI, 172796: ROMÂNEŞTI, 172803: ZGUBEA, 172821: RUNCU, 172830 :CÃLIGI, 172849:GROPENI, 172858:SNAMÃNA, 172867:SURPAŢI, 172876:VALEA BABEI, 172885:VÃRATECI, 172901:SÃLÃTRUCEL, 172910: PĂTEŞTI, 172929:SEACA, 172938:ŞERBĂNEŞTI, 172956:SCUNDU, 172965:AVRĂMEŞTI, 172974:BLEJANI, 172983:CRÂNGU, 173007:SINEŞTI , 173016:CIUCHEȚI, 173025:DEALU BISERICII, 173034:MIJLOCU, 173043:POPEŞTI, 173052:URZICA, 173070:SLÃTIOARA, 173089:COASTA C ERBULUI, 173098: GORUNEŞTI, 173105: MILOSTEA, 173114: MOGEŞTI, 173123: RUGETU, 173141: STÃNEŞTI, 173150: BÃRCÃNEŞTI, 173169: CIOPONEŞTI, 173178:CUCULEŞTI, 173187:GÂRNICETU, 173196:LINIA DEALULUI, 173203:SUIEŞTI, 173212:VALEA LUNGÃ, 173221:VÂRLENI

APPENDIX B — CATEGORIES 71 / 74

, 173249:STOENEŞTI, 173258:BÂRLOGU, 173267:BUDURÃŞTI, 173276:DELENI, 173285:DOBRICENI, 173294:GRUIU, 173301:GRUIERI, 1733 10: MOGOŞEŞTI, 173329: NEGHINEŞTI, 173338: PISCU MARE, 173347: POPEŞTI, 173356: SUSENI, 173365: ZMEURÃTU, 173383: STOILEŞTI, 17 3392:BALOMIREASA, 173409:BÂRSOIU, 173418:BULAGEI, 173427:DELURENI, 173436:GEAMÃNA, 173445:GHIOBEŞTI, 173454:GIUROIU, 1 73463:IZVORU RECE, 173472:MALU, 173481:NEŢEŞTI, 173490:OBOGENI, 173506:STÃNEŞTI, 173515:URŞI, 173524:VLÃDULEŞTI, 173542:S TROEŞTI, 173551:CIREŞU, 173560:DIANU, 173579:OBROCEŞTI, 173588:POJOGI-CERNA, 173604:SUTEŞTI, 173613:BOROŞEŞTI, 173622:CET ÃTEAUA, 173631:IZVORASU, 173640:MÃZILI, 173659:MITROFANI, 173668:RACU, 173677:VERDEA, 173695:SIRINEASA, 173702:ARICIOAIA, 173711:CIORÃŞTI, 173720:SLÃVITEŞTI, 173739:VALEA ALUNIŞULUI, 173757:ŞTEFÃNEŞTI, 173766:CONDOIEŞTI, 173775:DOBRUŞA, 173784 :\$ERBÃNE\$TI, 173800:\$U\$ANI, 173819:RÂME\$TI, 173828:\$ÂRBI, 173837:\$TOICULE\$TI, 173846:U\$UREI, 173864:TETOIU, 173873:BÃROIU , 173882:BUDELE, 173891:MÃNEASA, 173908:NENCIULEŞTI, 173917:POPEŞTI, 173926:ŢEPEŞTI, 173944:TOMŞANI, 173953:BÃLTÃŢENI, 17 3962:BOGDÃNEŞTI, 173971:CHICENI, 173980:DUMBRÃVEŞTI, 173999:FOLEŞTII DE JOS, 174003:FOLEŞTII DE SUS, 174012:MIREŞTI, 17403 0:VAIDEENI, 174049:CERNA, 174058:CORNET, 174067:IZVORU RECE, 174076:MARIŢA, 174094:VALEA MARE, 174101:BĀTĀŞANI, 174110: DELURENI, 174129: DRÃGANU, 174138: MÃRGINENI, 174147: PIETROASA, 174165: VLÃDEŞTI, 174174: FUNDÃTURA, 174183: PLEAŞA, 174192 : PRIPORU, 174209:TRUNDIN, 174227: VOICEȘTI, 174236:TIGHINA, 174245: VOICEȘTII DIN VALE, 174263: VOINEASA, 174272: VALEA MÂCEȘ ULUI, 174281:VOINEŞIŢA, 174307:ZÃTRENI, 174316:BUTANU, 174325:CIORTEŞTI, 174334:CONTEA, 174343:DEALU GLÃMEIA, 174352:DE ALU VÃLENI, 174361: FÃUREȘTI, 174370: GÃNEȘTI, 174389: LÃCUSTENI, 174398: LÃCUSTENII DE JOS, 174405: LÃCUSTENII DE SUS, 174414: MÃNICEA, 174423: MECEA, 174432: OLTEŢU, 174441: SÃŞCIOARA, 174450: STANOMIRU, 174469: VALEA VÃLENI, 174478: VÃLENI, 174487: ZÃ TRENII DE SUS, 174753: FOCŞANI, 174762: MÂNDREŞTI-MOLDOVA, 174771: MÂNDREŞTI-MUNTENI, 174799: CÂMPINEANCA, 174806: PIETRO ASA, 174815:VÂLCELE, 174833:GOLEŞTI, 174842:CEARDAC, 174879:ADJUD, 174888:BURCIOAIA, 174897:ADJUDU VECHI, 174904:ŞIŞCANI, 174931: MÃRÃŞEŞTI, 174940: SIRETU, 174959: TIŞIŢA, 174968: HARET, 174977: CÃLIMÃNEŞTI, 174986: MODRUZENI, 174995: PÃDURENI, 175 028:ODOBEȘTI, 175037:UNIREA, 175064:PANCIU, 175073:CRUCEA DE JOS, 175082:CRUCEA DE SUS, 175091:DUMBRAVA, 175108:NEICU, 175117:SATU NOU, 175135:ANDREIAŞU DE JOS, 175144:ANDREIAŞU DE SUS, 175153:ARŞIŢA, 175162:FETIG, 175171:HOTARU, 175180:R ÃCHITAŞU, 175199:TITILA, 175215:BÃLEŞTI, 175233:BÂRSEŞTI, 175242:NEGRILEŞTI, 175251:TOPEŞTI, 175279:BOGHEŞTI, 175288:BICHE ŞTI, 175297:BOGHEŞTII DE SUS, 175304:CHIŢCANI, 175313:IUGANI, 175322:PLÃCINŢENI, 175331:PLEŞEŞTI, 175340:PRISECANI, 175359: TĂBUCEȘTI, 175377:BOLOTEȘTI, 175386:GĂGEȘTI, 175395:IVĂNCEȘTI, 175402:PIETROASA, 175411:PUTNA, 175420:VITĂNEȘTII DE SUB M ÃGURÃ, 175448:BORDEŞTI, 175457:BORDEŞTII DE JOS, 175475:BROŞTENI, 175484:ARVA, 175493:PITULUŞA, 175518:CHIOJDENI, 175527: CÃTÃUŢI, 175536:LOJNIŢA, 175545:LUNCILE, 175554:MÃRÃCINI, 175563:PODURILE, 175572:SECIU, 175581:TULBUREA, 175607:CIORÃŞTI , 175616:CODREŞTI, 175625:MIHÂLCENI, 175634:SALCIA NOUĂ, 175643:SALCIA VECHE, 175652:SATU NOU, 175661:SPÃTÂREASA, 175689 :CÂMPURI, 175698:FETEŞTI, 175705:GURA VÃII, 175714:ROTILEŞTII MARI, 175723:ROTILEŞTII MICI, 175741:CÂRLIGELE, 175750:BLIDARI, 175769:BONŢEŞTI, 175778:DÃLHÃUŢI, 175796:ŞERBÃNEŞTI, 175803:BUDA, 175812:CORBIŢA, 175821:IZVOARELE, 175830:LÂRGÃŞENI, 1 75849:OCHEŞEŞTI, 175858:RÃDÃCINEŞTI, 175867:TUŢU, 175876:VÂLCELELE, 175894:COTEŞTI, 175901:BUDEŞTI, 175910:GOLEŞTII DE S US, 175929: VALEA COTEȘTI, 175947: DUMBRĂVENI, 175956: ALEXANDRU VLAHUŢĂ, 175965: CÂNDEȘTI, 175974: DRAGOSLOVENI, 175992: D UMITREȘTI, 176007: BICEȘTII DE JOS, 176016: BICEȘTII DE SUS, 176025: BLIDARI, 176034: DUMITREȘTII-FAȚĂ, 176043: DUMITREȘTII DE SUS , 176052:GÃLOIEŞTI, 176061:LÃSTUNI, 176070:LUPOAIA, 176089:MOTNÃU, 176098:POIENIŢA, 176105:ROŞCARI, 176114:SIMINOC, 17612 3:TINOASA, 176132:TRESTIA, 176141:VALEA MICÃ, 176169:FITIONEŞTI, 176178:CIOLÃNEŞTI, 176187:GHIMICEŞTI, 176196:HOLBÃNEŞTI, 176203:MÃNÃSTIOARA, 176221:GAROAFA, 176230:BIZIGHEŞTI, 176249:CIUŞLEA, 176258:DOAGA, 176267:FÃUREI, 176276:PRECISTANU, 176285:RÃCHITOSU, 176294:STRÃJESCU, 176310:GUGEŞTI, 176329:OREAVU, 176347:GURA CALIŢEI, 176356:BÃLÃNEŞTI, 176365:COCOŞ ARI, 176374: DEALUL LUNG, 176383: GROAPA TUFEI, 176392: LACU LUI BABAN, 176409: PLOPU, 176418: POENILE, 176427: RAŞCA, 176436: Ş OTÂRCARI, 176454: HOMOCEA, 176463: ARGEA, 176472: COSTIŞA, 176481: LESPEZI, 176490: PLOSCUŢENI, 176515: JARIŞTEA, 176524: PÃDU RENI, 176533:SCÂNTEIA, 176542:VÃRSÃTURA, 176560: JITIA, 176579: CERBU, 176588: DEALU SÃRII, 176597: JITIA DE JOS, 176604: MÃGURA, 176622: MÃICÃNEŞTI, 176631: BELCIUGELE, 176640: RÂMNICENI, 176659: SLOBOZIA BOTEŞTI, 176668: STUPINA, 176677: TÃTARU, 176695: MERA, 176702: LIVADA, 176711: MILCOVEL, 176720: ROŞIOARA, 176739: VULCÃNEASA, 176757: MILCOVUL, 176766: GOLOGANU, 176775: LÃ MOTEȘTI, 176784: RÃSTOACA, 176800: MOVILIȚA, 176819: DIOCHEȚIREDIU, 176828: FRECĂŢEI, 176837: TROTUŞANU, 176846: VĂLENI, 1768 64: NÃNEŞTI, 176873: CÃLIENII NOI, 176882: CÃLIENII VECHI, 176908: NÃRUJA, 176917: PODU NÃRUJEI, 176926: PODU STOICA, 176935: REB EGARI, 176953: NEREJU, 176962: BRĂDĂCEŞTI, 176971: CHIRICANI, 176980: NEREJU MIC, 176999: SAHASTRU, 177012: NISTOREŞTI, 177021: BÂTCARI, 177030: BRÃDETU, 177049: FÃGETU, 177058: PODU ŞCHIOPULUI, 177067: ROMÃNEŞTI, 177076: UNGURENI, 177085: VALEA NEAG RÃ, 177094: VETREŞTI-HERÃSTRÃU, 177110: PALTIN, 177129: CARŞOCHEŞTI-CORÃBIŢA, 177138: GHEBARI, 177147: MORÃREŞTI, 177156: PÃV ÃLARI, 177165: PRAHUDA, 177174: SPULBER, 177183: TOJANII DE JOS, 177192: TOJANII DE SUS, 177209: ŢEPA, 177218: ŢIPÃU, 177227: VÂLC ANI, 177245: PÃUNEŞTI, 177254: VIIŞOARA, 177272: POIANA CRISTEI, 177281: DEALU CUCULUI, 177290: DUMBRAVA, 177307: MAHRIU, 1773 16:ODOBASCA, 177325: PETREANU, 177334: PODU LACULUI, 177343: TÂRÂTU, 177361: PUFEŞTI, 177370: CIORANI, 177389: DOMNEŞTI-SAT, 177398: DOMNEŞTI-TÂRG, 177414: RÃCOASA, 177423: GOGOIU, 177432: MÃRÃŞTI, 177441: VARNIŢA, 177450: VERDEA, 177478: REGHIU, 17 7487:FARCAŞ, 177496:JGHEABURI, 177502:PISCU REGHIULUI, 177511:RÃIUŢI, 177520:ŞINDRILARI, 177539:URSOAIA, 177548:VALEA MILC OVULUI, 177566: RUGINEŞTI, 177575: ANGHELEŞTI, 177584: COPĂCEŞTI, 177593: VĂLENI, 177619: SIHLEA, 177628: BOGZA, 177637: CĂIATA, 177646: VOETIN, 177664: SLOBOZIA BRADULUI, 177673: CORNETU, 177682: COROTENI, 177691: LIEŞTI, 177708: OLÃRENI, 177717: VALEA BE CIULUI, 177735: SLOBOZIA CIORÃȘTI, 177744: ARMENI, 177753: JILIȘTE, 177771: DRAGOSLOVENI, 177780: RUCÃRENI, 177806: STRÃOANE, 1 77815: MUNCELU, 177824: REPEDEA, 177833: VÃLENI, 177851: SURAIA, 177860: BILIEŞTI, 177888: TÃNÃSOAIA, 177897: CÃLIMÃNEASA, 177 904: COSTIŞA, 177913: COSTIŞA DE SUS, 177922: COVRAG, 177931: FELDIOARA, 177940: GALBENI, 177959: NÃNEŞTI, 177968: VLADNICU DE JOS, 177977: VLADNICU DE SUS, 177995: TÃTÃRANU, 178000: BORDEASCA NOUÃ, 178019: BORDEASCA VECHE, 178028: MÃRTINEŞTI, 17803 7: VÂJÂITOAREA, 178055: TÂMBOEŞTI, 178064: OBREJIŢA, 178073: PÃDURENI, 178082: PIETROASA, 178091: SLIMNIC, 178108: TRESTIENI, 17 8126:TULNICI, 178135:COZA, 178144:GRESU, 178153:HÃULIŞCA, 178162:LEPŞA, 178171:PÃULEŞTI, 178199:ŢIFEŞTI, 178206:BÃTINEŞTI, 178215:CLIPICEŞTI, 178224:IGEŞTI, 178233:OLEŞEŞTI, 178242:PÄTRÄŞCANI, 178251:SÂRBI, 178260:VITÃNEŞTI, 178288:URECHEŞTI, 1782 97: POPEŞTI, 178304: TERCHEŞTI, 178322: VALEA SÃRII, 178331: COLACU, 178340: MÃTÃCINA, 178359: PODURI, 178368: PRISACA, 178386: V IDRA, 178395:BURCA, 178402:IREŞTI, 178411:RUGET, 178420:SCAFARI, 178439:ŞERBEŞTI, 178448:TICHIRIŞ, 178457:VIIŞOARA, 178466:V OLOŞCANI, 178484: VINTILEASCA, 178493: BAHNELE, 178509: DUPĂ MÃGURA, 178518: NECULELE, 178527: POIANA STOICHII, 178536: TÃNÃ SARI, 178554: LIVEZILE, 178563: MESTEACÃNU, 178572: PISCU RADULUI, 178581: VIZANTEA MÃNÃSTIREASCÃ, 178590: VIZANTEA RÃZÃSEAS CÃ, 178616: VÂNÃTORI, 178625: BALTA RAŢEI, 178634: JORÃŞTI, 178643: MIRCEŞTII NOI, 178652: MIRCEŞTII VECHI, 178661: PETREŞTI, 17867 0:RÃDULEŞTI, 178698:VÂRTEŞCOIU, 178705:BECIU, 178714:FARAOANELE, 178723:OLTENI, 178732:PIETROASA, 178741:RÂMNICEANCA, 1 78769: VRÂNCIOAIA, 178778: BODESTI, 178787: MUNCEI, 178796: PLOSTINA, 178803: POIANA, 178812: SPINESTI, 178830: VULTURU, 178849 :BOŢÂRLÃU, 178858:HÂNGULEŞTI, 178867:MALURI, 178876:VADU ROŞCA, 179141:BUCUREŞTI SECTORUL 1, 179150:BUCUREŞTI SECTOR UL 2, 179169: BUCUREŞTI SECTORUL 3, 179178: BUCUREŞTI SECTORUL 4, 179187: BUCUREŞTI SECTORUL 5, 179196: BUCUREŞTI SECTORUL 6, 179230: BRAGADIRU, 179258: CHIAJNA, 179267: DUDU, 179276: ROŞU, 179294: CHITILA, 179301: RUDENI, 179329: DOBROEŞTI, 179338: F UNDENI, 179356:GLINA, 179365:CÃŢELU, 179374:MANOLACHE, 179392:JILAVA, 179418:MÃGURELE, 179427:ALUNIŞU, 179436:DUMITRA NA, 179445: PRUNI, 179454: VÂRTEJU, 179472: MOGOŞOAIA, 179490: OTOPENI, 179506: ODÃILE, 179524: PANTELIMON, 179542: POPEŞTI LE ORDENI, 179560: VOLUNTARI, 180073: SALTA, 180082: COMASCA

APPENDIX B — CATEGORIES 72 / 74

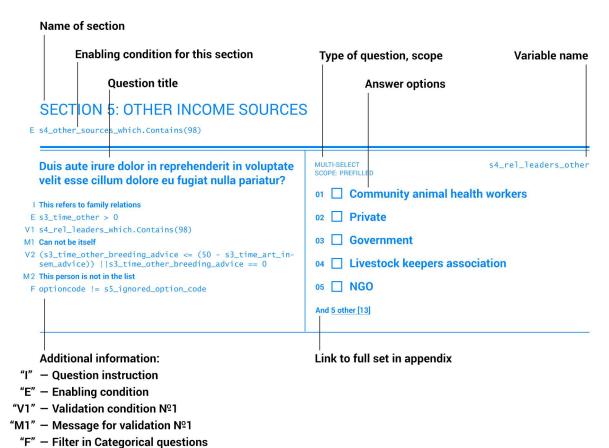
## APPENDIX C — CATEGORIES FILTERS

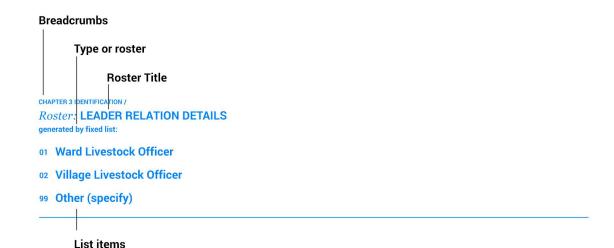
[1] flq\_06: 5.Who is the %rostertitle%'s father?

// select male flq\_02==1 && // Cannot select his/herself as father @current.@rowcode!=@rowcode && // Show members 14 years older then current member ( flq\_04!=null ? (flq\_04 - 14) >= @current.flq\_04 : true )

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## Legend and structure of information in this file





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