הלשכה המרכזית לסטטיסטיקה
Central Bureau of Statistics
دائرة الإحصاء المركزية

Workload Allocation System

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Topics

- What is the workload allocation system?
- Project stages before workload allocation
- Procedure of workload allocation for each survey
- Demonstration for the Social Survey and the Longitudinal Survey

What is the Workload Allocation System?

- The workload allocation system allows individuals or households in the sample to be added automatically the interviewer's workloads, before the work is assigned to the interviewers.

- The workload allocation system provides a geographic display of the distribution of individuals or households in the sample. The display uses 3 layers of information:
  - Roads and streets
  - Locality borders
  - Structures and addresses

What is the Workload Allocation System?

- The visual display and use of a geographic allocation system allow the creation of workloads with optimal geographic proximity.

- All of the field surveys use this system.

Operational Concepts in Workload Allocation

- **District –** An administrative unit that manages the interviewing in defined localities that are usually geographically continuous**.** The department has 3 districts: Haifa, Tel Aviv and Jerusalem.
- **Supervisor –** The manager responsible for the interviewers in a particular enumeration area.
- **Domain** – Enumeration area for which a supervisor is responsible.
- **Monthly workload** – A collection of sample units that an interviewer must cover in a month.
- **Yearly workload** – Work units an interviewer must cover in a survey period. The yearly workload is a collection of monthly workloads.

Project Stages Before Workload Allocation for each survey separately

1. Drawing of the sample by the Department of Statistical Methodology
2. Updating of addresses and derogating deaths
3. Anchoring (entering X,Y coordinates) for each record address
4. Entering the anchored addresses into the sample database and transferring for workload allocation

Procedure of Workload Allocation for each survey

Selection of survey and district

Entering parameters into the workload allocation system as a preliminary step

Selecting population type

Selecting work area

Manual allocation

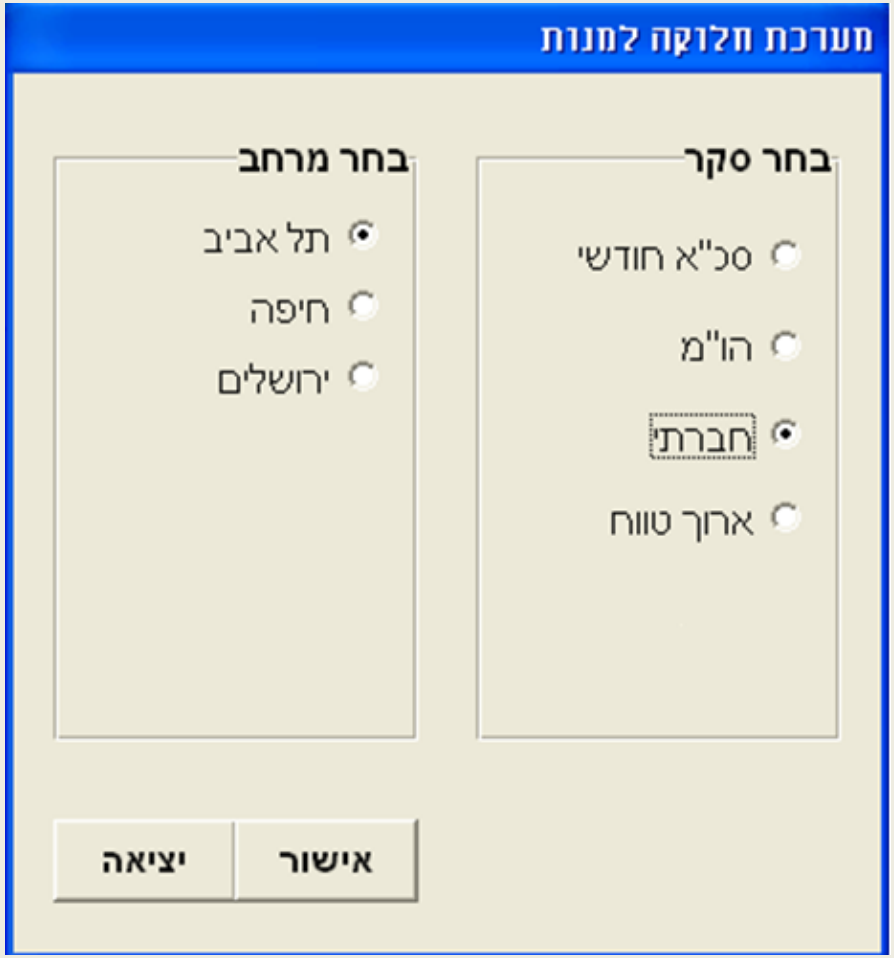
Automatic allocation

Automatic and Manual Allocation

Automatic allocation: Allocation is performed according to geographic proximity and the parameters that were entered into the system.

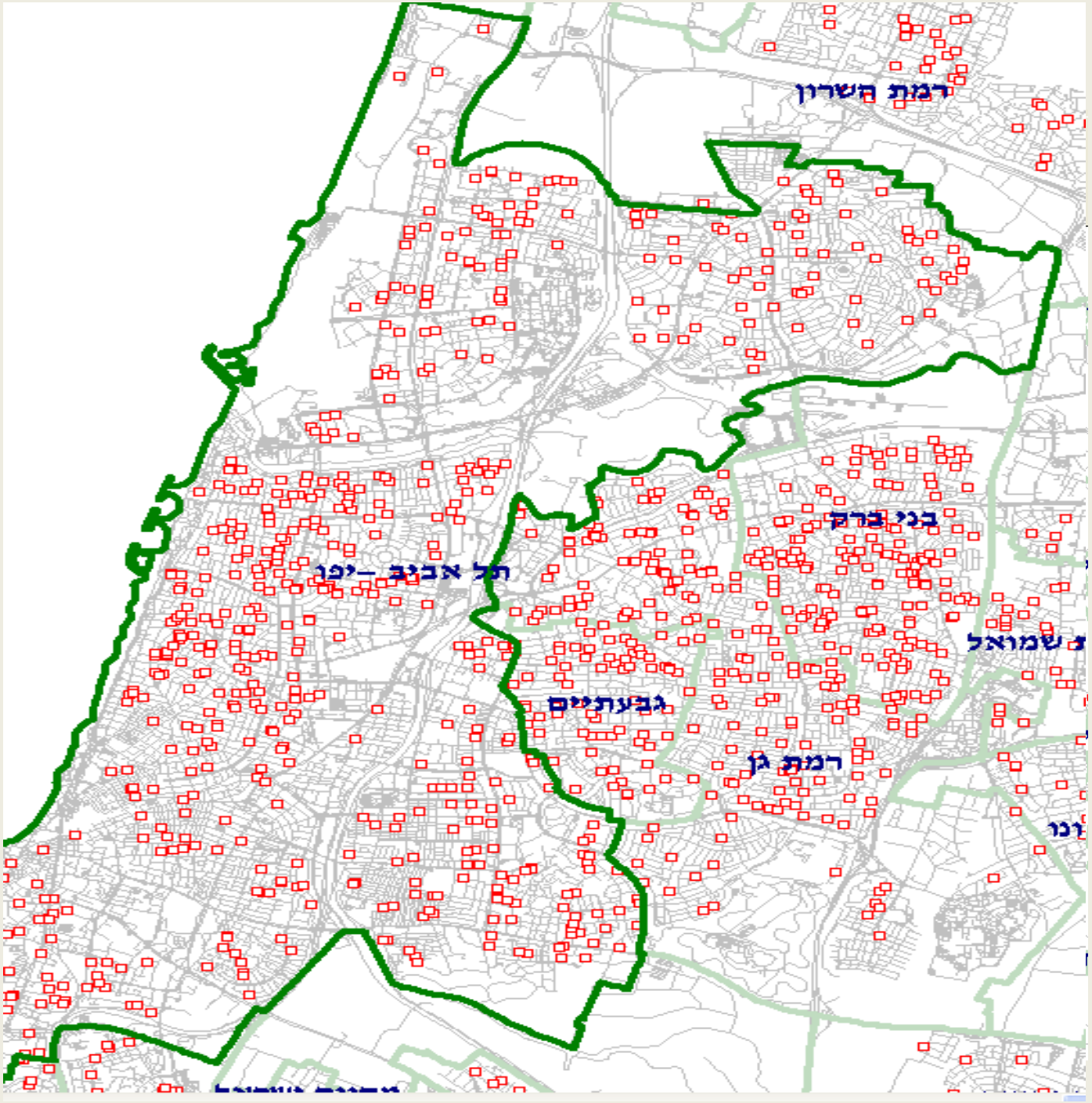
Manual allocation: Correction of the automatic allocation, if needed. Alternatively, the user can perform this allocation instead of the automatic allocation.

Survey Selection Screen

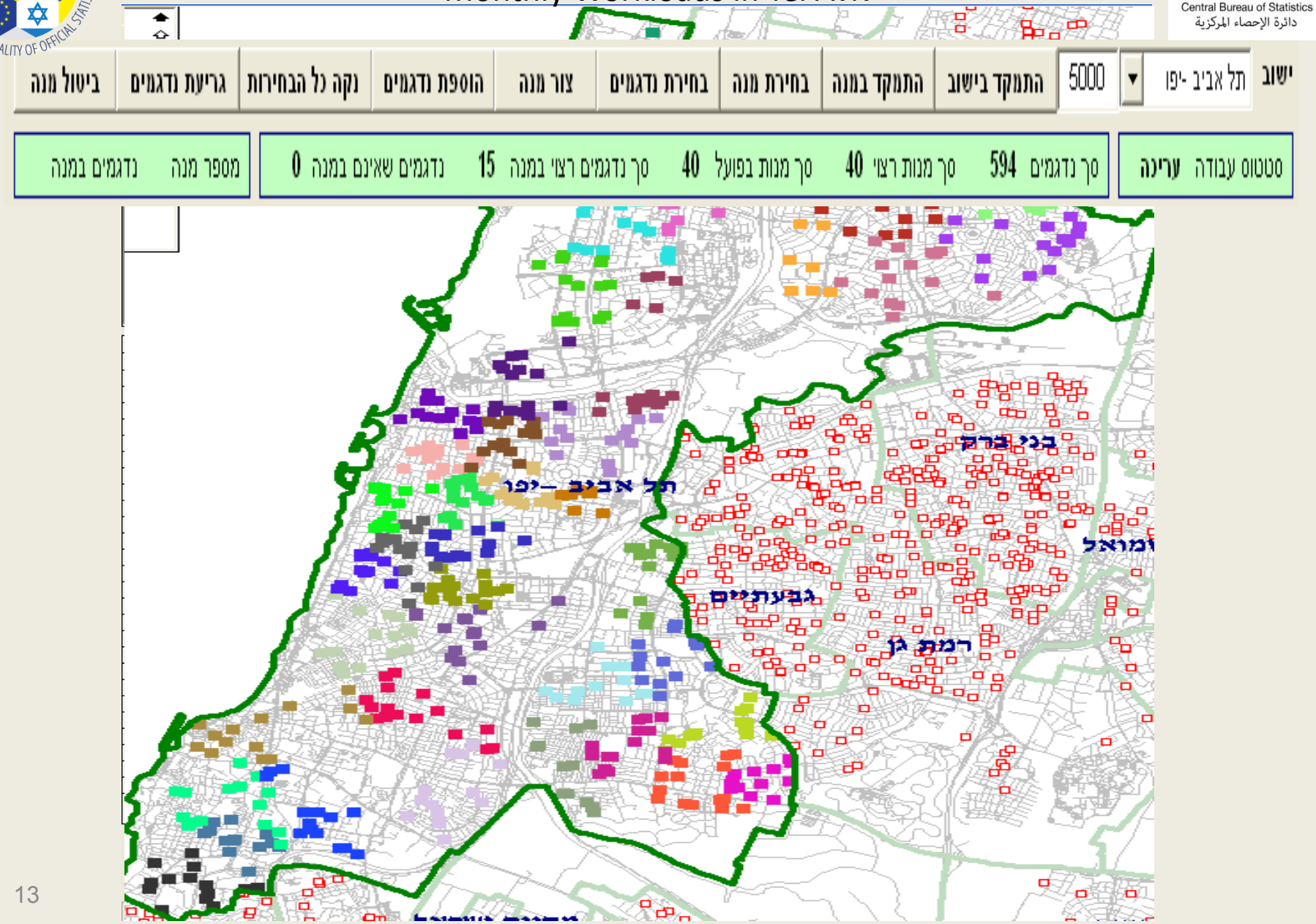


Entering Parameters Into the System as a Preliminary Step to Allocating Workload

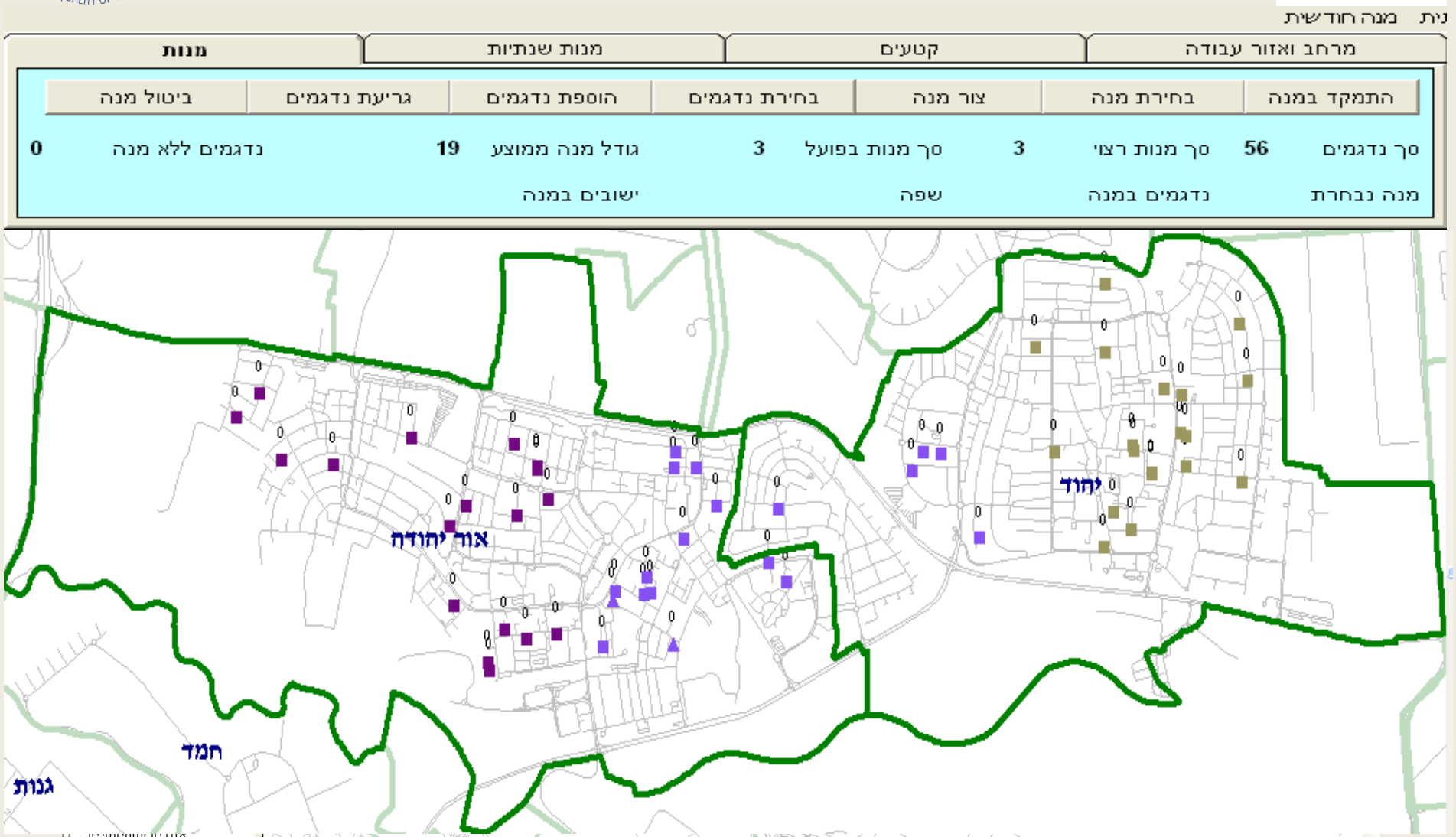
Demonstration of the System on the Social Survey and the Longitudinal Survey


רמת השרון
בני ברק
תל אביב –יפו
גבעתיים
רמת גן

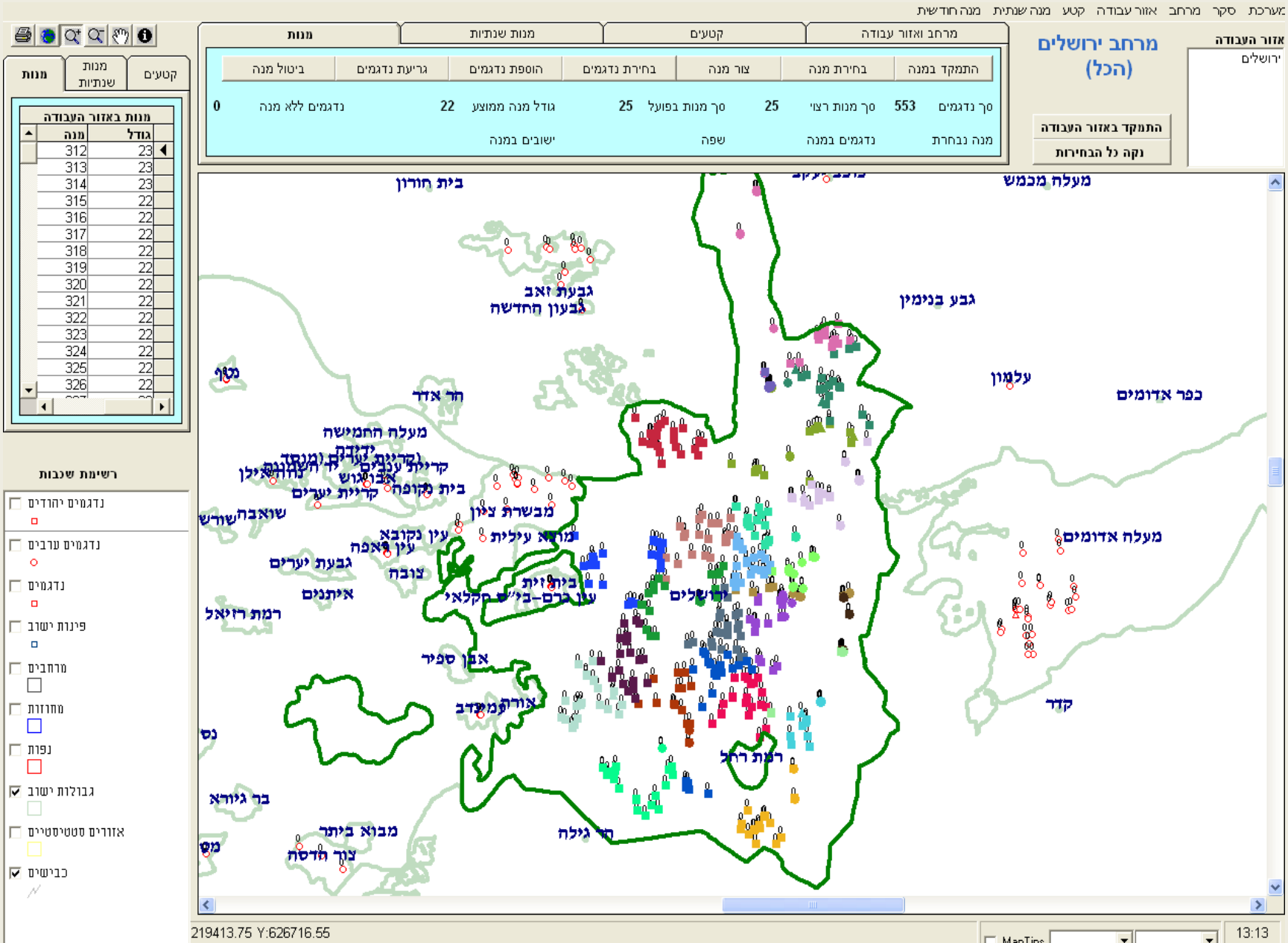
Display of the Automatic Allocation of Monthly Workloads in Tel Aviv



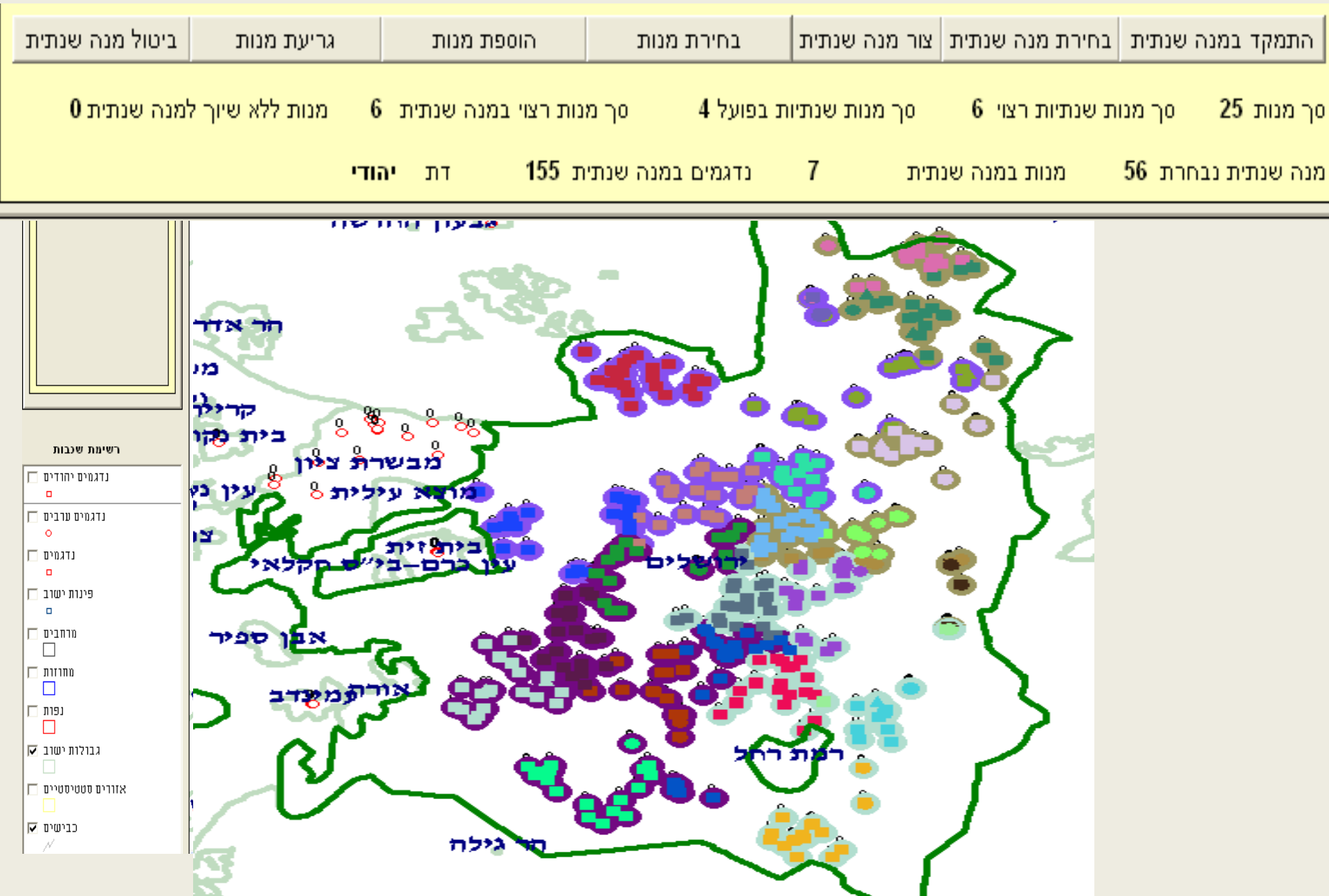
Combining Sampled Persons From Two Localities Into One Monthly Workload in the Longitudinal Survey



Jerusalem Yearly Workload – Longitudinal Survey



Zoom in Jerusalem Yearly Workload



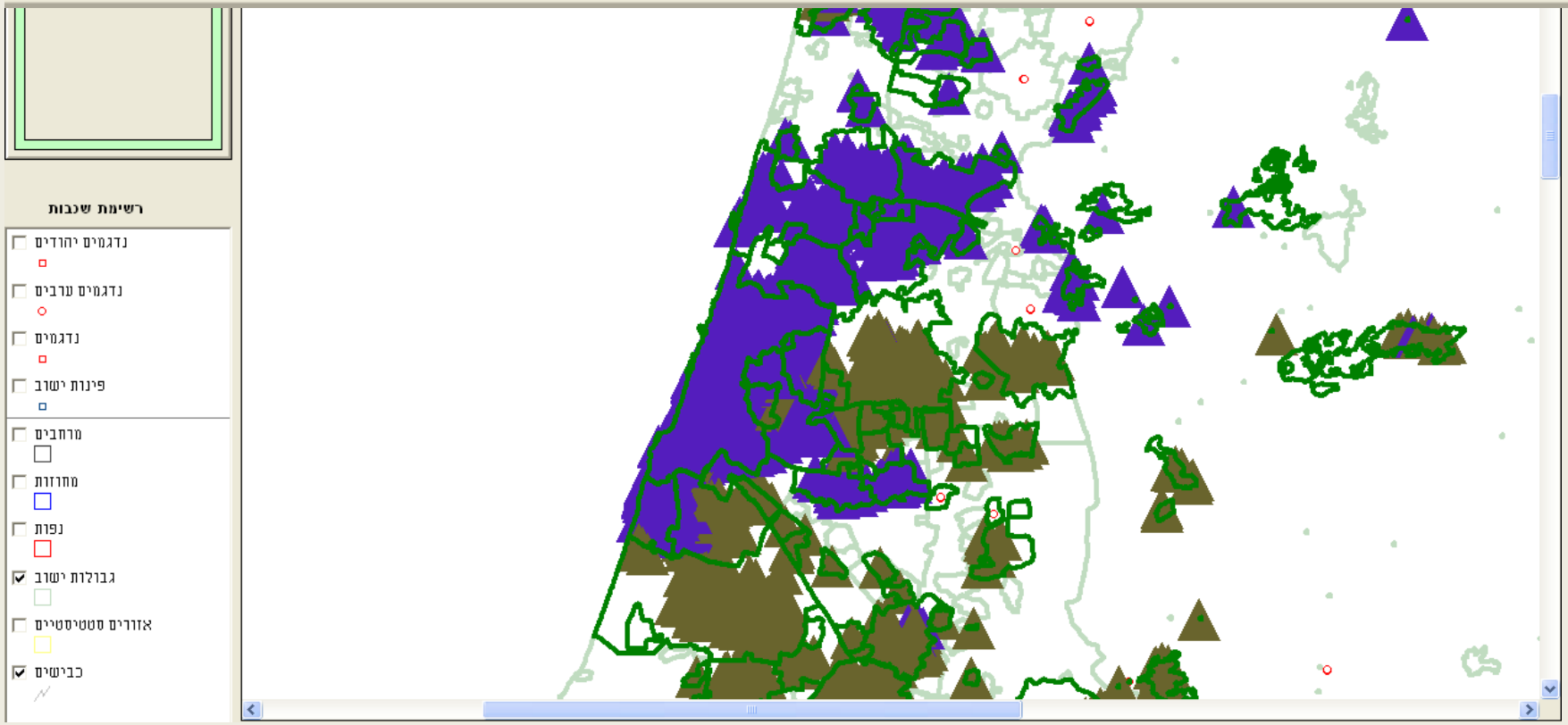
Allocation Into Domains – Longitudinal Survey

מנות	מנות שנתיות	קטעים	מרחב ואזור עבודה

התמקד בקטע	בחירת קטע	צור קטע	בחירת מנה שנתית	הוספת מנה שנתית	גריעת מנה שנתית	ביטול קטע

סך מנות שנתיות 24 | סך קטעים בפועל 2 | מנות שנתיות ללא קטע 0

קטע נבחר | סך מנות שנתיות בקטע | נדגמים בקטע



Thank you for your attention, and wishing you a productive and enjoyable discussion!