





## Project Details

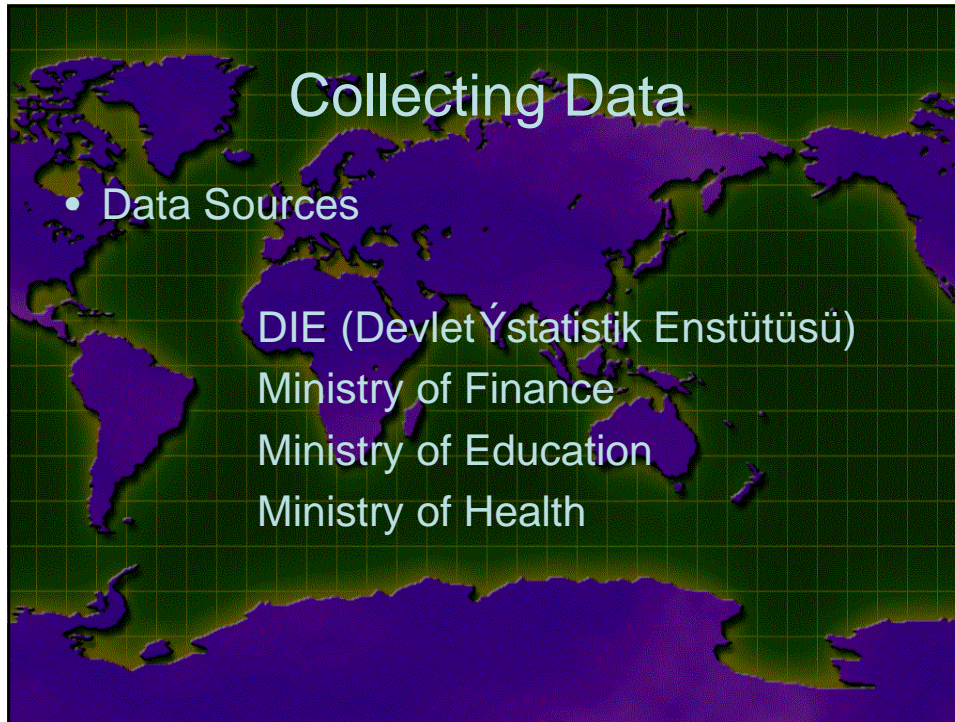
- 5 Cities;  
Bilecik, Bursa, Eski°ehir, Kütahya,  
Yalova
- Raster Image
- Maps with Georeferenced data



## Project Steps

- Collecting and Processing Data
- Digitizing Image
- Combining Data and Georeference
- Querriying
- Presenting Results of the Project





Microsoft Excel												
File Edit View Insert Format Tools Data Window Help												
Type a question for help												
A15 MERKEZ SAYMANLIĞI												
5	A	B	C	D	E	F	G	H	I	J	K	L
6		HENK	HENK	DİŞ	DİŞ HENK	ECZACI	ECZACI	SAGLIK	SAGLIK	HENK	HENK	EBE
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10	PROVINCES	DOCTORS	PER DOCTOR	OF DENTISTS	PER DENTIST	OF PHARMACISTS	PER PHARMACIST	OF NURSES	PER NURSE	OF MIDWIVES	PER MIDWIFE	OF
11	BİLECEK	170	1.142	24	8.087	50	3.887	104	1.899	178	1.086	124
12	BURSA	2.810	807	448	4.702	703	3.997	1.255	1.679	2.162	974	1.152
13	ESKİŞEHİR	1.120	820	201	3.512	314	2.248	707	889	1.181	582	584
14	KÜTAHYA	393	1.871	48	14.276	147	4.467	445	1.476	511	1.285	371
15	YALOVA	188	887	49	3.441	58	2.807	151	1.117	183	921	107
16	TÜRKİYE	86.543	780	15.822	4.516	23.516	2.805	44.291	1.532	68.485	978	44.588
17	KAYNAK: SAĞLIK BAKANLIĞI											
18	SOURCE: MINISTRY OF HEALTH											
19	NOT: AĞIR SAĞLIK PERSONELİ DAHİL DEĞİLDİR.											
20	NOTE: MILITARY HEALTH STAFF IS NOT INCLUDED											
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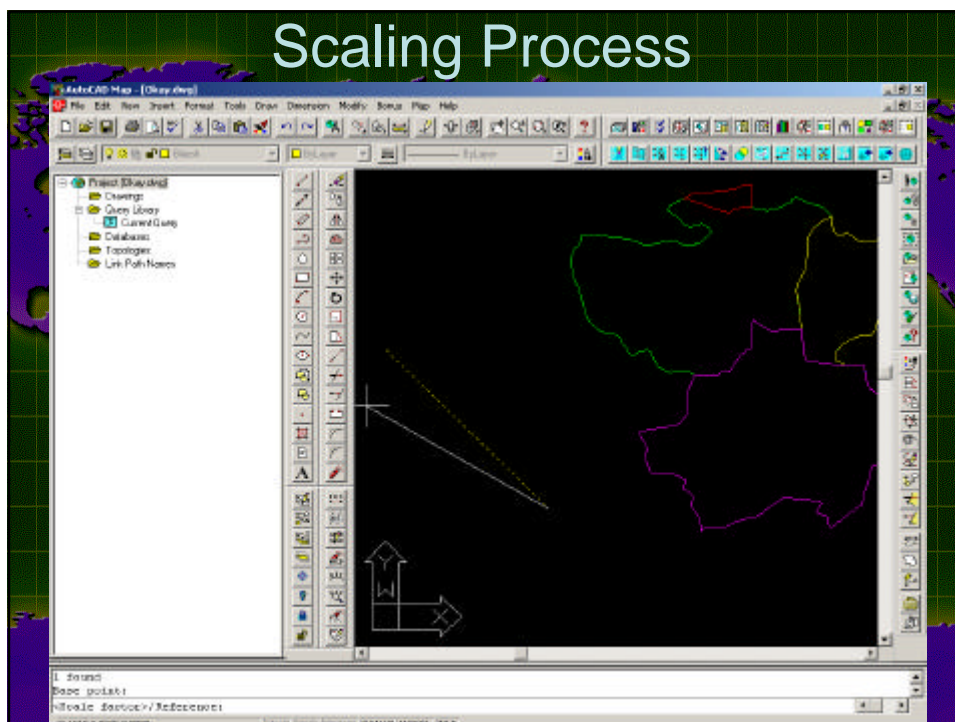
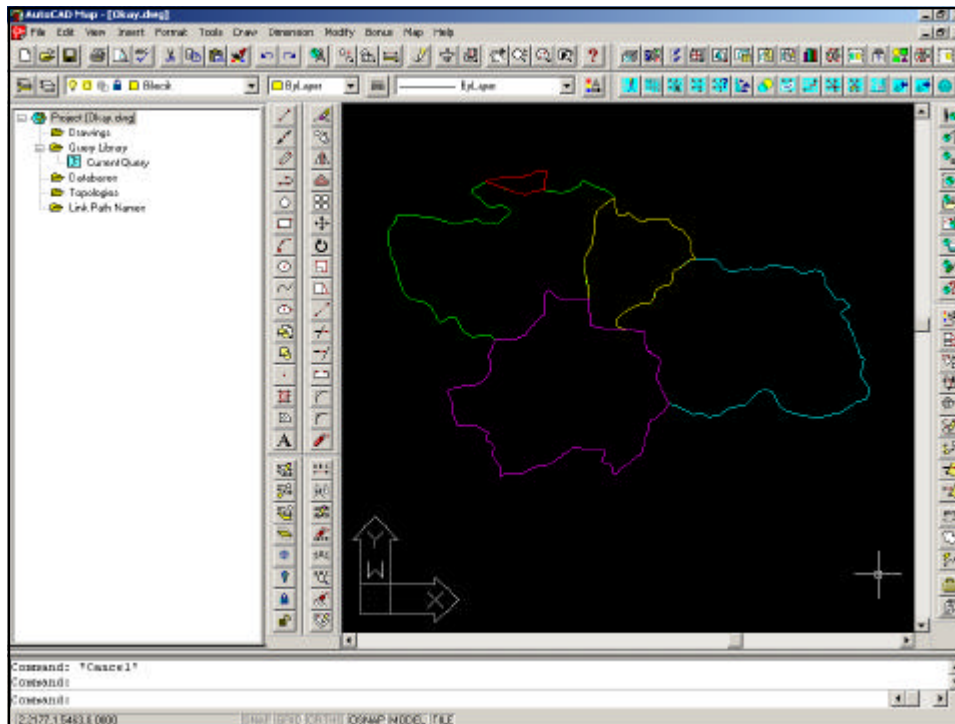
## Image Properties



- JPEG
- 96 dpi
- 24 bit
- 1 Frame

## Image Digitizing with AutoCAD

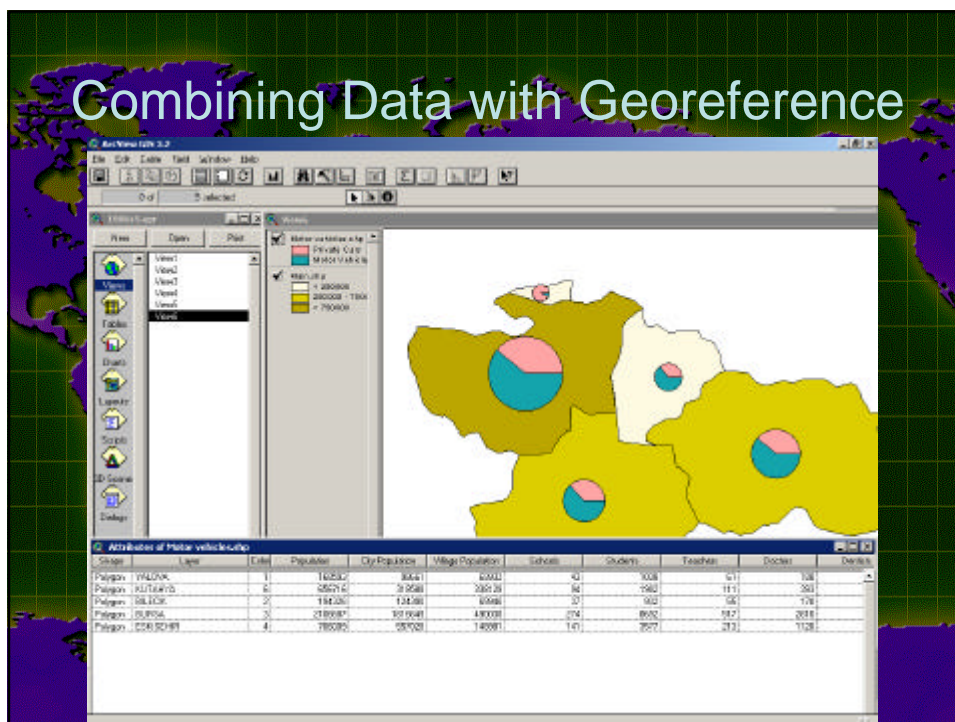




## Digitizing Details

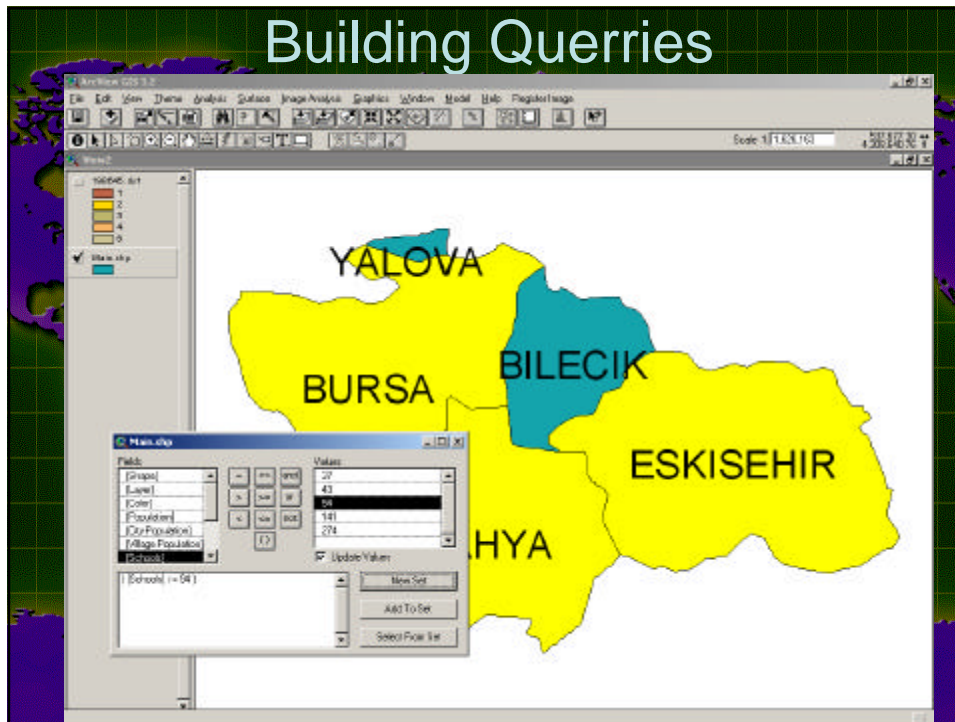
- 11 layers
  - 5 layers for borders
  - 5 layers for texts
  - 1 layer for the image
- Convert “dxf” for transport data

## Combining Data with Georeference



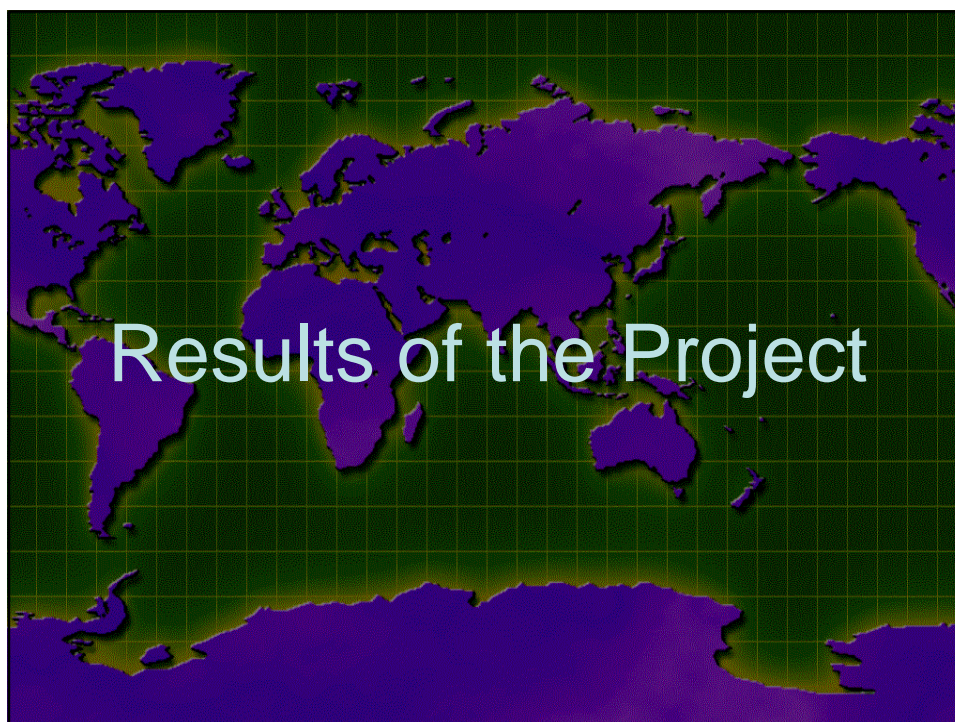
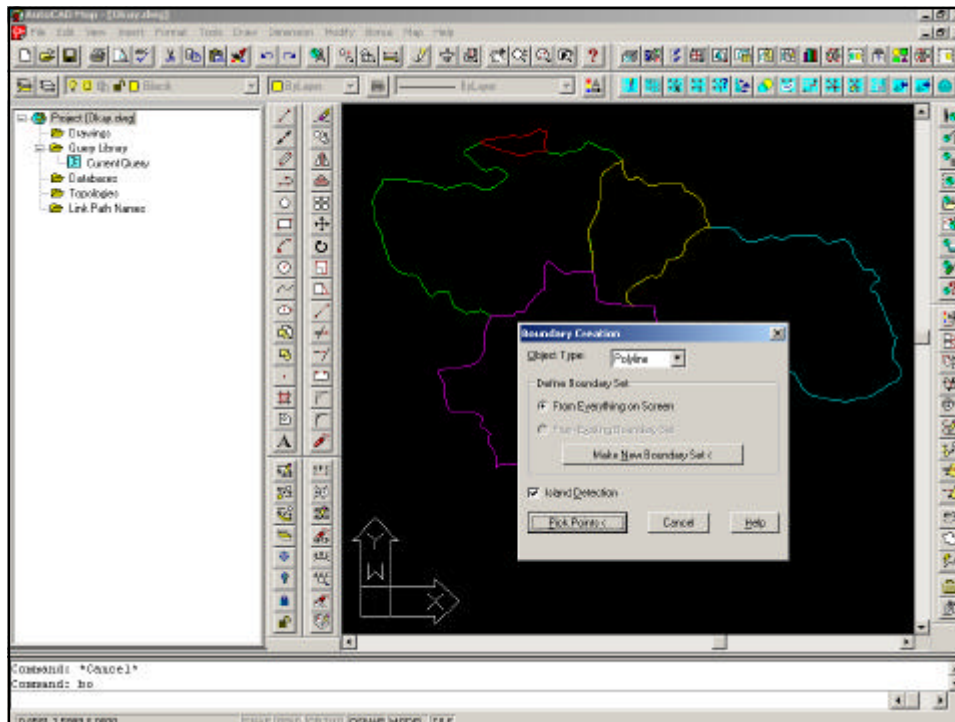


# Building Queries

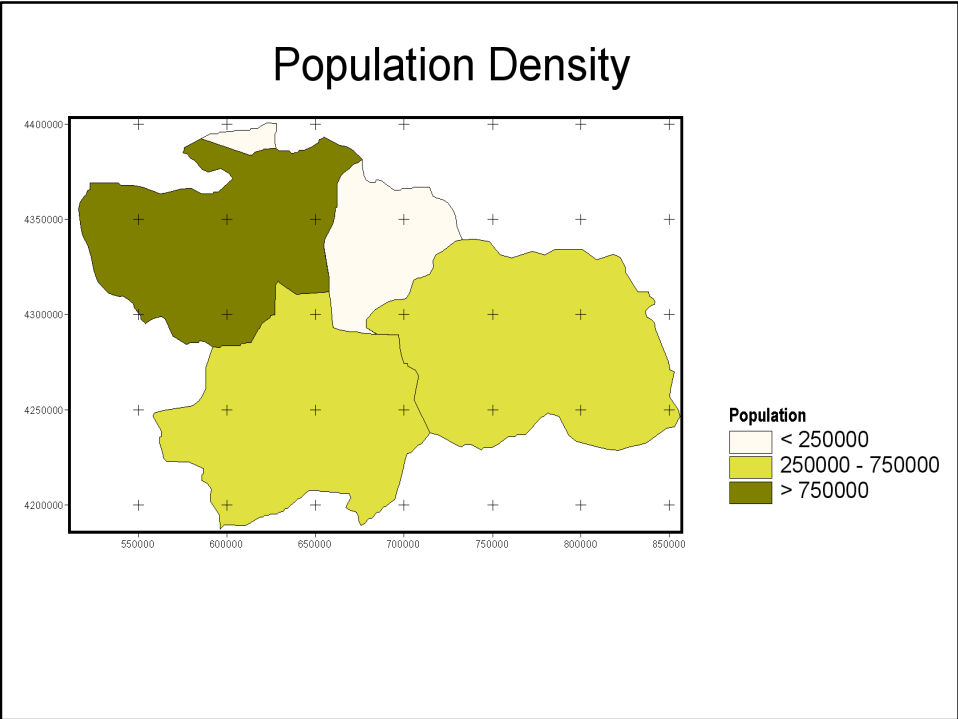
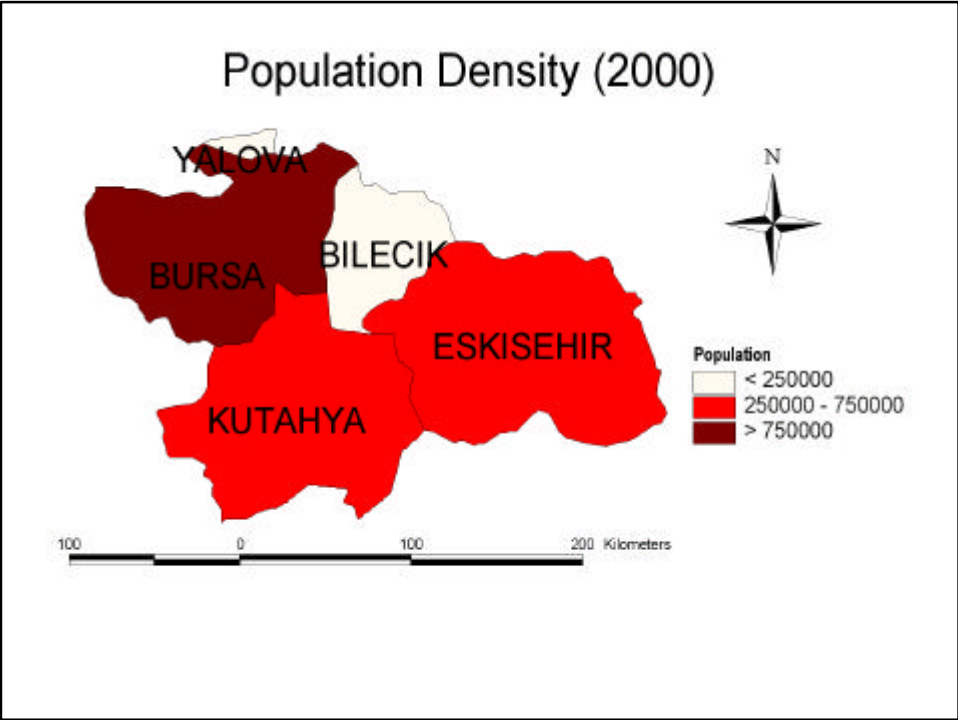


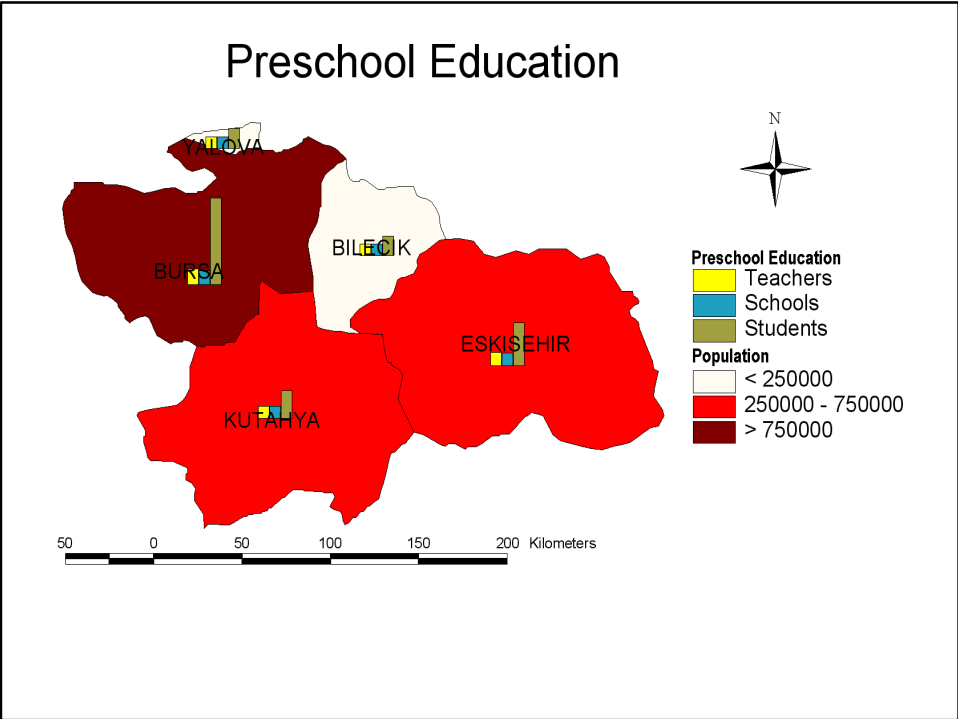
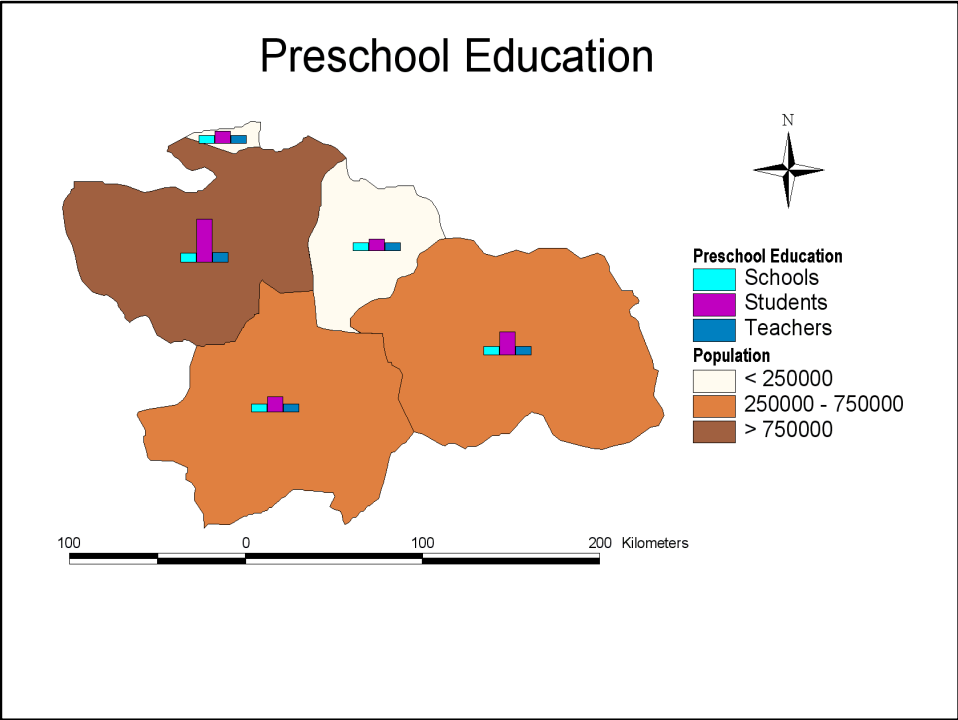
## Project Information

- Project consist of 5 Provinces
  - Bilecik
  - Bursa
  - Eskişehir
  - Kütahya
  - Yalova
- Programs used in Project
  - AutoCAD MAP R3
  - AutoCAD
  - ArcView GIS 3.2
  - Microsoft Excel XP
- 10 Data Tables
- 11 layers
- 5 Shapefile

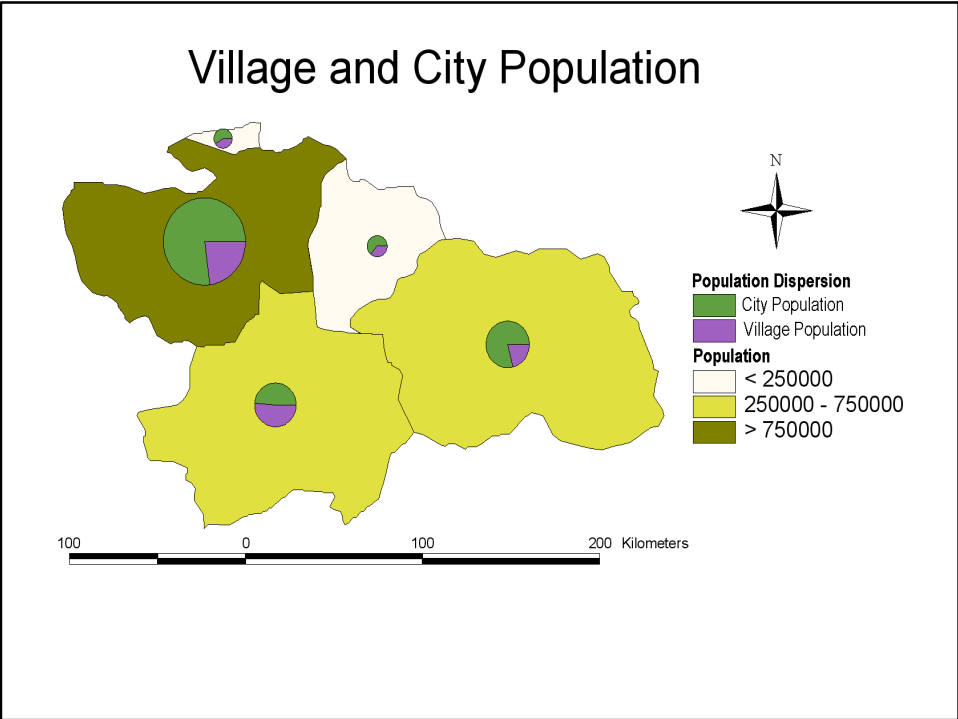
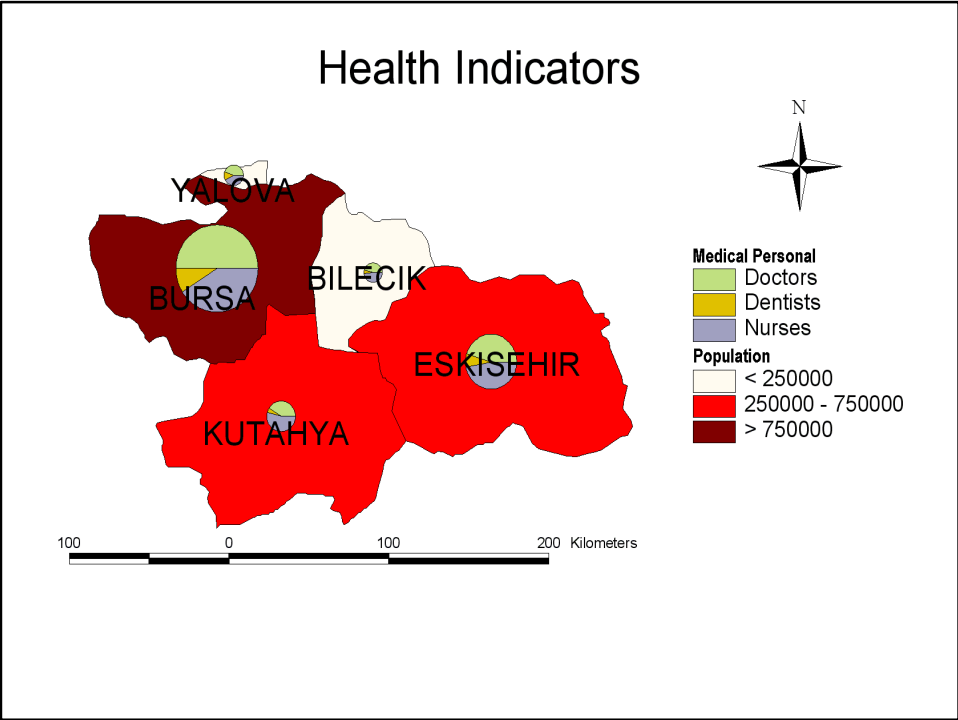


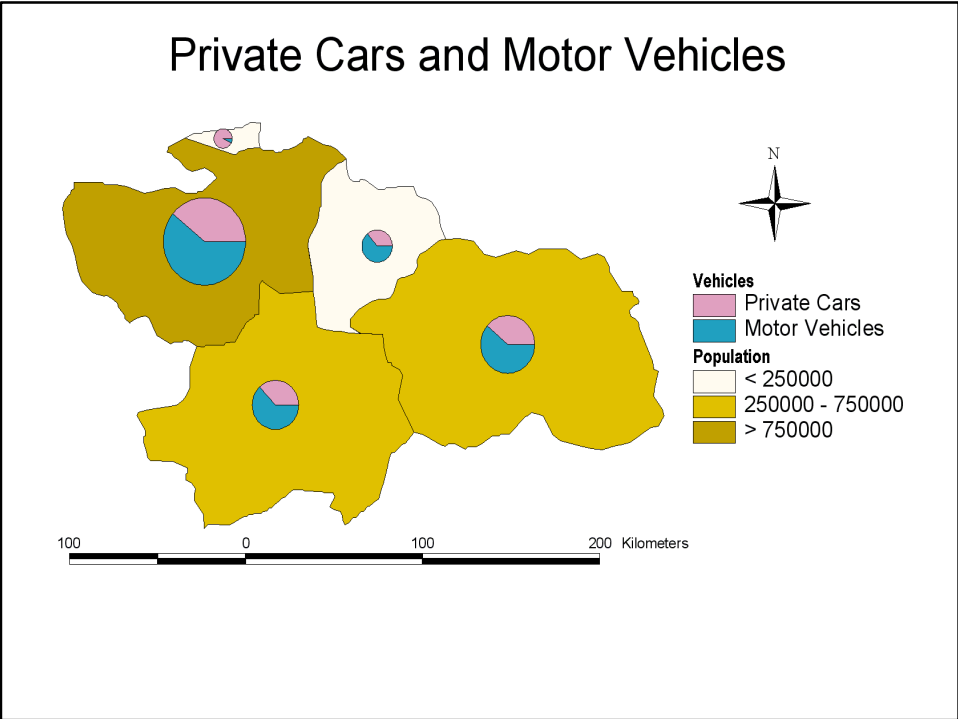
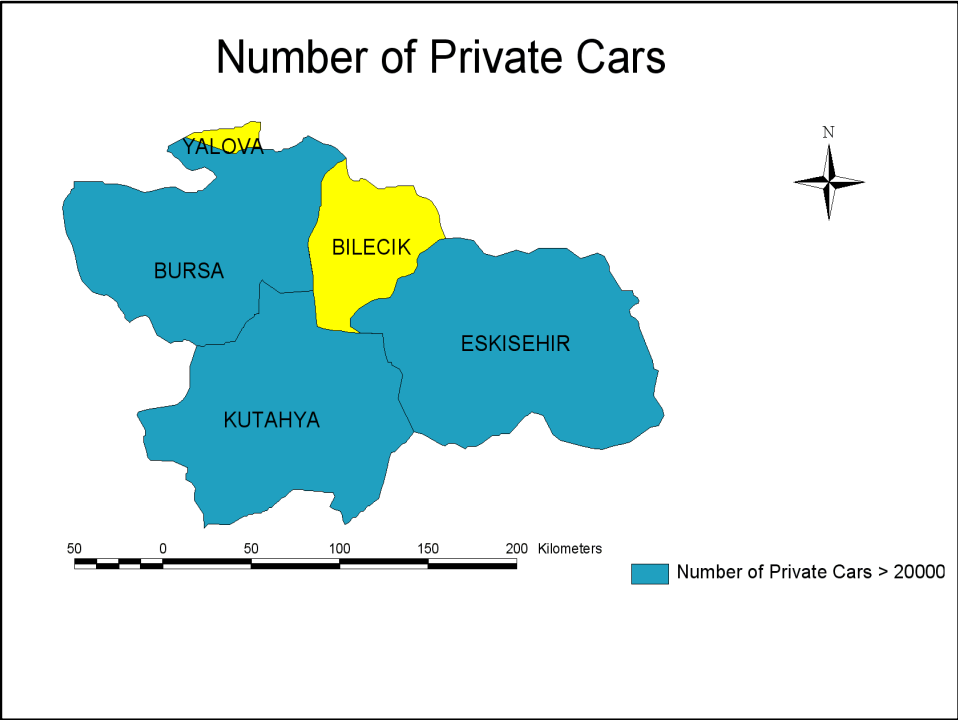














A world map with a green grid overlay, showing the continents in dark blue and the oceans in a lighter blue. The map is centered on the Atlantic Ocean.

## Conclusion

- Decision of useful and useless data is very important in a GIS project.
- If you follow some basic rules, it is easy to create GIS maps.

A world map with a green grid overlay, showing the continents in dark blue and the oceans in a lighter blue. The map is centered on the Atlantic Ocean.

# Thanks for your Interest

Group 8