Table 3) estimate population of Mashhad in each period according to three scenario of the population growth rate

Planning periods	Optimistic	Realistic	Pessimistic
First period	3133127	3120575	3114318
Second period	3359492	3313057	3290055
Third period	3602153	3517367	3475672
Fourth period	3862282	3734235	3671726

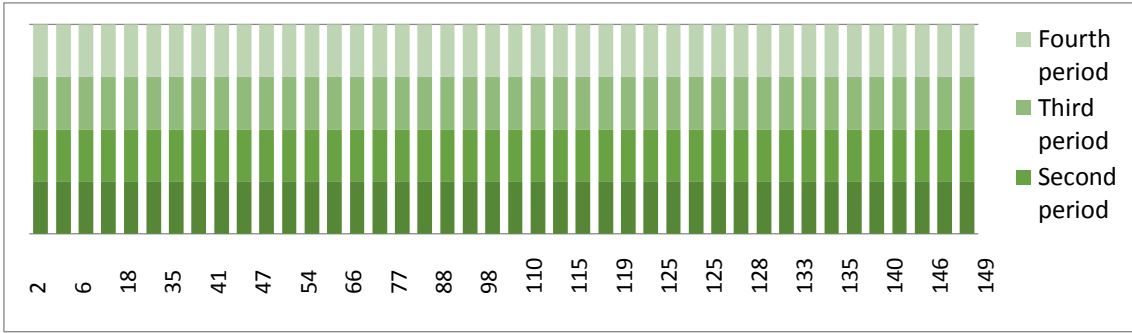**Table 4)** some of the desirability indicators from stakeholders' perspective

Desirability indicators	X1	X2	X3	X4	X5
From people's perspective					
Traffic	1	3	3	4	1
Public parking lots	0	0	1	2	0
On-street parking	4	4	3	4	0
From the state perspective					
Access to the train stations	1	0	0	2	0
Access to the taxi stations	0	3	4	4	0
The number of bus lines	3	3	5	4	1
Distance from bus stations (m)	500	100	25	175	200
Area (ha)	206	108	373	249	80
From public sector's perspective					
The abundance of the streets	1	2	2	2	1
Access to the main boulevards	3	5	4	5	4
Visits from other areas	1	0	4	5	1
Residents' commuting	1	2	5	5	1
Total population	34877	14194	25082	42392	11059
Total number of the households	11160	4246	7613	13037	3166

Table 5) some examples of the geographical location of the facility candidates and the clients
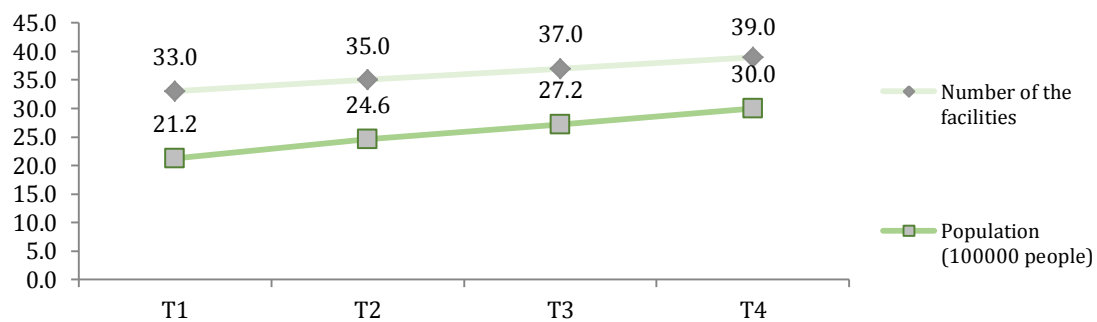
Number	Geographical location of the facility	Client's number	Geographical location	The estimated daily demand			
				First period	Second period	Third period	Fourth period
1	(59.471780 & 36.349150)	1	(59.560011 & 36.335103)	77	81	87	93
2	(59.513605 & 36.352277)	2	(59-572714 & 36.335103)	48	50	53	57
3	(59.528003 & 36.364254)	3	(59.639724 & 36.321878)	248	259	280	294
4	(59.513229 & 36.372444)	4	(59.675387 & 36.315675)	120	213	222	238
5	(59.522175 & 36.391128)	5	(59.683215 & 36.296018)	123	131	143	151

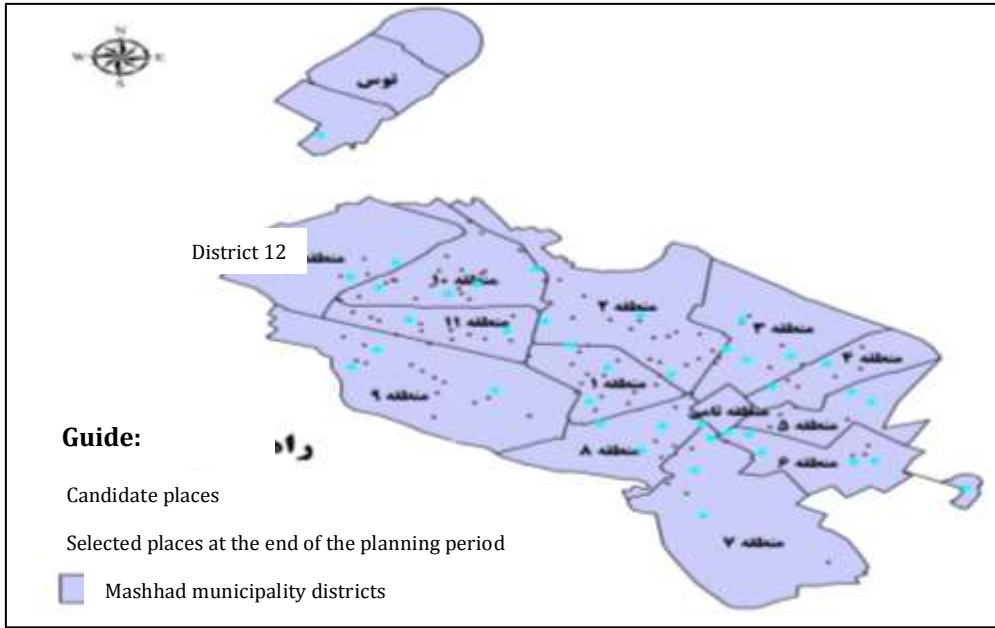**Table 6)** the results of solving the question for each period

The results	First period	Second period	Third period	Fourth period
The number of the facilities	33	35	37	39
Covered population	2124678	2464612	2720781	3002380
Covered area (ha)	10028	10422	10511	10986
The number of the households	229092	254126	2590959	282332
Desirability equation's components				
The state	333.390	391.853	398.078	458.833
The client	290.178	323.365	328.177	354.203
Private sector	477.682	533.608	556.832	610.783
Total	1101.250	1248.826	1283.087	1423.819

Graph 1) selected offices and their changes in each time period

Graph 2) changes in the population and number of the facilities

Figure 1) locating the selected places at the end of the time period for the offices in Mashhad