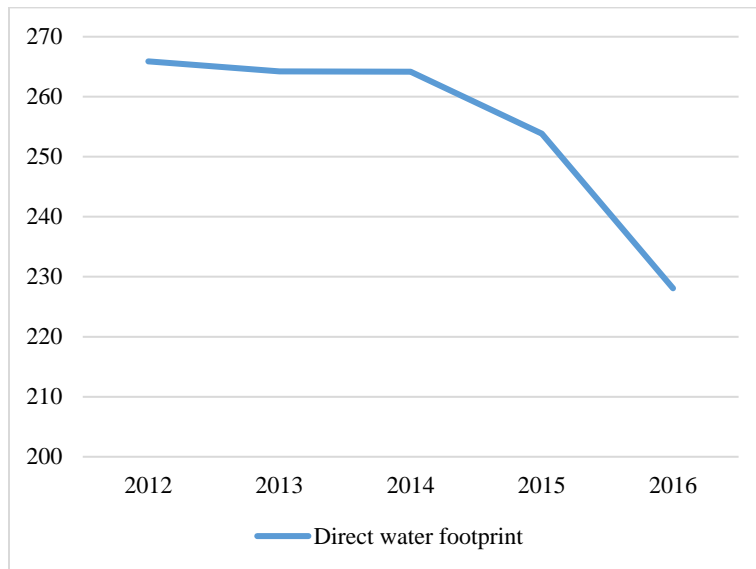


**Figure S1.** (a) Percentage of food consumption (b) Proportion of consumed food among three income class areas



**Figure S2.** Direct water footprint of residents during 5 years



**Figure S3.** (a) DWF, VWF, TWF according to gender, marital status, and housing status expressed in m<sup>3</sup>/month (b) DWF, VWF, TWF for three income class areas expressed in m<sup>3</sup>/month

**Table S1. Quarters, income classes, and samples**

Quarters	Income class	Number of families	Samples	
			Number	Percentage
1 Khaje Rabi	Low	11216	58	15
2 Panj Tan		27	7	
3 Gaz		50	13	
4 Sanabad	Middle	2770	17	4
5 Azad Shar		10898	55	14
6 Seyed Razi		7655	40	10
7 Ahmad Abad	High	8041	42	11
8 Sajad		9241	49	13
9 Honarestan		8337	44	12
Total		73042	382	100

**Table S2.** Respondents' characteristics and food consumption

<b>Characteristic</b>	<b>Min</b>	<b>Max</b>	
Age	15	90	
Family size	1	9	
Monthly family cost	0	12857	
Home Area (m <sup>2</sup> )	30	650	
<b>Variable</b>	<b>Indicators</b>	<b>Frequency</b>	<b>Levels</b>
Gender	Male	142	Mode: Female
	Female	240	
Marital status	Single	40	Mode: Married
	Married	89.45	
Education level	Under diploma	139	Mode: Under diploma
	Diploma	102	
	Associate	39	
	Bachelor	62	
	MSc	30	
	PhD	7	
Occupation	Unemployment	10	Mode: Housewife
	Student	13	
	Housewife	161	
	Retired	51	
	Self-Employment	91	
	Private	15	
Monthly family income	Employee	39	Mode: 10-20 MR
	<10 MR	108	
	10-20 MR	138	
	20-30 MR	60	
	30-40 MR	27	
	40-50 MR	20	
Housing status	50-60 MR	9	Mode: Owner
	>60 MR	20	
	Tenant	115	
	Owner	266	
<b>Food consumption</b>	<b>Min</b>	<b>Max</b>	
Consumption of dairy product (kg per week)	0	12.90	
Consumption of meat (kg per week)	0	9.25	
Consumption of eggs (number per week)	0	30.0	
Consumption of rice & bread (kg per week)	0	16.10	
Consumption of starchy material (kg per week)	0	4.17	
Consumption of coffee and Nescafe (cup per day)	0	8.00	
Consumption of tea (cup per day)	0	25.00	
Consumption of vegetables (kg per week)	0	6.00	
Consumption of fruit (kg per week)	0	15.00	
DWF (m <sup>3</sup> /month)	8.0	2174.0	
VWF (m <sup>3</sup> /month)	238.0	3704.0	
TWF (m <sup>3</sup> /month)	459.0	3997.0	

**Table S3.** ANOVA analysis of education and DWF, VWF, TWF

<b>WFs</b>	<b>Education Levels</b>	<b>N</b>	<b>Means</b>	<b>F</b>	<b>Sig</b>
<b>VWF</b>	Under diploma	141	1240	1.485	0.161
	Diploma	102	1270		
	Associated	39	1340		
	Bachelor	62	1466		
	MSc	30	1427		
	PhD	7	1447		
<b>DWF</b>	Under diploma	136	211	0.894	0.521
	Diploma	100	234		
	Associated	39	221		
	Bachelor	62	220		
	MSc	30	310		
	PhD	7	258		
<b>TWF</b>	Under diploma	141	1443	1.666	0.105
	Diploma	102	1499		
	Associated	39	1561		
	Bachelor	62	1686		
	MSc	30	1736		
	PhD	7	1704		

**Table S4.** ANOVA analysis of Monthly income and DWF, VWF, TWF

<b>WFs</b>	<b>Income Levels</b>	<b>N</b>	<b>Means</b>	<b>F</b>	<b>Sig</b>
<b>VWF</b>	Under 10 MR	108	1091 <sup>a</sup>	8.663	0.000
	10-20 MR	138	1296 <sup>a</sup>		
	20-30 MR	60	1324 <sup>a</sup>		
	30-40 MR	27	1466 <sup>a</sup>		
	40-50 MR	20	1591 <sup>ab</sup>		
	50-60 MR	9	1744 <sup>b</sup>		
	More than 60 MR	20	1935 <sup>b</sup>		
<b>DWF</b>	Under 10 MR	103	221	1.394	0.207
	10-20 MR	136	209		
	20-30 MR	60	218		
	30-40 MR	27	299		
	40-50 MR	20	323		
	50-60 MR	9	260		
	More than 60 MR	20	218		
<b>TWF</b>	Under 10 MR	108	1302 <sup>a</sup>	8.972	0.000
	10-20 MR	138	1503 <sup>a</sup>		
	20-30 MR	60	1541 <sup>ab</sup>		
	30-40 MR	27	1765 <sup>abc</sup>		
	40-50 MR	20	1914 <sup>bc</sup>		
	50-60 MR	9	2005 <sup>bc</sup>		
	More than 60 MR	20	2154 <sup>c</sup>		

a, b, c indicated the result of Post hoc Tukey HSD regarding difference between monthly income