

TIANJIN STATISTICAL YEARBOOK

第二篇 人口

Chapter 2 Population

2-1 人口主要指标(1978—2018年)
Main Statistics on Population, 1978-2018

年 份 Year	常住人口 (万人) Permanent Population (10 000 persons)	户籍人口 (万人) Registered Population (10 000 persons)	户籍户数 (万户) Registered Households (10 000 households)	人口密度 (人/平方公里) Population Density (person/sq.km)	人 口 出生率 (‰) Birth Rate (‰)	人 口 死亡率 (‰) Death Rate (‰)	人口自然 增长率(‰) Natural Growth Rate (‰)
1978		724.27	171.82	640	15.47	6.26	9.21
1979		739.42	174.77	652	14.57	5.94	8.63
1980		748.91	179.67	660	13.29	6.04	7.25
1981		760.32	188.61	670	17.90	5.99	11.91
1982		774.92	196.63	683	20.05	5.64	14.41
1983		785.28	203.47	692	17.14	5.41	11.73
1984		795.52	209.96	702	15.67	5.43	10.24
1985		804.80	216.86	710	13.94	5.78	8.15
1986		814.97	221.81	718	15.00	5.71	9.29
1987	831.76	828.73	230.71	731	17.07	6.08	10.99
1988	843.44	839.21	241.46	741	15.92	5.65	10.27
1989	856.95	852.35	249.26	752	15.50	6.49	9.01
1990	884.03	866.25	258.31	764	15.62	5.79	9.83
1991	908.89	872.63	262.75	770	11.94	5.78	6.16
1992	920.41	878.97	266.77	776	12.50	6.00	6.50
1993	928.02	885.89	270.77	782	10.71	6.20	4.51
1994	935.28	890.55	273.87	745	10.98	6.19	4.79
1995	941.83	894.67	276.89	749	10.23	6.23	4.00
1996	948.19	898.45	279.62	752	10.09	6.53	3.56
1997	952.59	899.80	284.08	753	9.98	6.95	3.03
1998	956.64	905.09	288.20	757	9.89	6.49	3.40
1999	959.48	910.17	291.32	762	9.68	6.73	2.95
2000	1001.14	912.00	293.04	763	7.72	6.17	1.55
2001	1004.06	913.98	295.63	854	7.58	5.94	1.64
2002	1007.18	919.05	299.67	856	7.49	6.04	1.45
2003	1011.30	926.00	303.27	860	7.14	6.04	1.10
2004	1023.67	932.55	316.62	870	7.31	5.97	1.34
2005	1043.00	939.31	322.95	887	7.44	6.01	1.43
2006	1075.00	948.89	328.66	914	7.67	6.07	1.60
2007	1115.00	959.10	333.42	948	7.91	5.86	2.05
2008	1176.00	968.87	337.49	1000	8.13	5.94	2.19
2009	1228.16	979.84	341.90	1044	8.30	5.70	2.60
2010	1299.29	984.85	345.83	1105	8.18	5.58	2.60
2011	1354.58	996.44	350.27	1152	8.58	6.08	2.50
2012	1413.15	993.20	351.24	1202	8.75	6.12	2.63
2013	1472.21	1003.97	356.60	1252	8.28	6.00	2.28
2014	1516.81	1016.66	362.63	1290	8.19	6.05	2.14
2015	1546.95	1026.90	370.58	1315	5.84	5.61	0.23
2016	1562.12	1044.40	379.17	1328	7.37	5.54	1.83
2017	1556.87	1049.99	385.62	1323	7.65	5.05	2.60
2018	1559.60	1081.63	396.57	1326	6.67	5.42	1.25

注: 1.人口密度2005年以后按市民政局行政区划面积计算, 2005年以前按市规划局土地面积计算。此表人口密度为常住人口口径。2.人口自然变动“三率”为历年人口抽样调查数据。

Note: a)After 2005, the population density is calculated with administrative areas measured by Tianjin Municipal Civil Affairs Bureau, and those before 2005 are calculated with areas measured by Tianjin Planning Bureau. The population density in this table is calculated at permanent coverage. b)The three rates of population changing are obtained from population sample surveys.

2-2 户籍人口构成及户规模(1978—2018年)
Composition of Registered Population and Household Size, 1978-2018

单位: %(%)

年 份 Year	按户口性质分 By Registered Character		按性别分 By Sex		性别比 (女=100) Sex Ratio (Female=100)	家庭平均户规模 (人/户) Average Family Household Size (person/household)
	非农业 Non-agricultural	农 业 Agricultural	男 性 Male	女 性 Female		
1978	49.49	50.51	50.84	49.16	103.40	4.22
1979	51.47	48.53	50.72	49.28	102.94	4.23
1980	52.43	47.57	50.73	49.27	102.97	4.17
1981	52.71	47.29	50.71	49.29	102.90	4.03
1982	53.00	47.00	50.75	49.25	103.04	3.94
1983	53.43	46.57	50.75	49.25	103.06	3.86
1984	54.94	45.06	50.77	49.23	103.14	3.79
1985	55.38	44.62	50.82	49.18	103.35	3.71
1986	54.85	45.15	50.88	49.12	103.58	3.67
1987	54.86	45.14	50.88	49.12	103.59	3.59
1988	55.69	44.31	50.87	49.13	103.54	3.48
1989	55.92	44.08	50.86	49.14	103.49	3.42
1990	56.04	43.96	50.79	49.21	103.20	3.35
1991	56.19	43.81	50.76	49.24	103.07	3.32
1992	56.29	43.71	50.73	49.27	102.96	3.29
1993	56.44	43.56	50.71	49.29	102.87	3.27
1994	56.60	43.40	50.70	49.30	102.85	3.25
1995	56.77	43.23	50.66	49.34	102.67	3.23
1996	57.12	42.88	50.62	49.38	102.50	3.21
1997	57.27	42.73	50.58	49.42	102.33	3.17
1998	57.60	42.40	50.53	49.47	102.14	3.14
1999	58.09	41.91	50.51	49.49	102.06	3.12
2000	58.39	41.61	50.51	49.49	102.05	3.11
2001	58.56	41.44	50.48	49.52	101.92	3.09
2002	58.88	41.12	50.45	49.55	101.84	3.07
2003	59.37	40.63	50.47	49.53	101.89	3.05
2004	59.64	40.36	50.46	49.54	101.86	2.95
2005	59.87	40.13	50.44	49.56	101.77	2.91
2006	60.18	39.82	50.41	49.59	101.65	2.89
2007	60.51	39.49	50.38	49.62	101.52	2.88
2008	60.72	39.28	50.35	49.65	101.42	2.87
2009	61.08	38.92	50.32	49.68	101.30	2.87
2010	61.37	38.63	50.29	49.71	101.15	2.85
2011	61.61	38.39	50.27	49.73	101.11	2.84
2012	62.06	37.94	50.21	49.79	100.84	2.83
2013	62.97	37.03	50.18	49.82	100.72	2.82
2014	63.45	36.55	50.16	49.84	100.64	2.80
2015	63.94	36.06	50.15	49.85	100.60	2.77
2016			50.13	49.87	100.50	2.75
2017			49.89	50.11	99.57	2.72
2018			49.79	50.21	99.17	2.73

2-3 各区户籍人口户数、人口数及人口密度

Registered Households, Population and Population Density by Region

地 区 Region	年末户数 (万户) Year-end Households (10 000 households)		年末人口数 (万人) Year-end Population (10 000 persons)		年平均人口 (万人) Average Annual Population (10 000 persons)	人口密度 (人/平方公里) Population Density (person/ sq.km)
	2017	2018	2017	2018	2018	2018
全 市 总 计 Total	385.62	396.57	1049.99	1081.63	1065.81	920
# 市内六区 Six Urban Districts	153.17	155.73	396.95	405.85	401.40	22920
和平区 Heping District	14.68	14.92	41.97	43.75	42.86	43750
河东区 Hedong District	30.11	30.54	74.47	75.62	75.04	19082
河西区 Hexi District	30.12	30.92	82.22	85.49	83.86	22491
南开区 Nankai District	32.69	33.33	85.95	87.31	86.63	22649
河北区 Hebei District	24.77	25.10	62.12	63.01	62.57	21273
红桥区 Hongqiao District	20.80	20.92	50.22	50.67	50.44	23833
东丽区 Dongli District	15.23	15.90	38.59	40.47	39.53	846
西青区 Xiqing District	15.32	16.00	41.40	43.86	42.63	774
津南区 Jinnan District	16.69	17.64	46.28	49.01	47.64	1264
北辰区 Beichen District	16.47	17.04	41.37	42.94	42.15	908
武清区 Wuqing District	31.05	32.73	94.98	99.48	97.23	632
宝坻区 Baodi District	23.46	23.97	72.10	73.25	72.68	485
滨海新区 Binhai New Area	49.34	51.72	131.46	138.26	134.86	619
宁河区 Ninghe District	14.64	14.80	40.20	40.51	40.36	313
静海区 Jinghai District	22.26	22.80	60.09	60.79	60.44	412
蓟州区 Jizhou District	27.99	28.24	86.57	87.21	86.89	549

2-4 按性别、城乡分的户籍人口数(2018年)
Registered Population by Sex and Residence, 2018

单位: 万人(10 000 persons)

地 区 Region	男 性 Male	女 性 Female	性别比 (女=100) Sex Ratio (Female=100)	城 镇 Urban	乡 村 Rural
全 市 总 计 Total	538.55	543.08	99.17	760.33	321.30
# 市内六区 Six Urban Districts	199.16	206.69	96.36	405.85	
和平区 Heping District	20.86	22.89	91.13	43.75	
河东区 Hedong District	37.59	38.03	98.84	75.62	
河西区 Hexi District	41.44	44.05	94.07	85.49	
南开区 Nankai District	42.81	44.50	96.20	87.31	
河北区 Hebei District	31.30	31.71	98.71	63.01	
红桥区 Hongqiao District	25.16	25.51	98.63	50.67	
东丽区 Dongli District	20.13	20.34	98.97	28.05	12.42
西青区 Xiqing District	21.61	22.25	97.12	37.32	6.54
津南区 Jinnan District	24.45	24.56	99.55	40.16	8.85
北辰区 Beichen District	21.21	21.73	97.61	15.49	27.45
武清区 Wuqing District	49.27	50.21	98.13	38.53	60.95
宝坻区 Baodi District	36.73	36.52	100.58	23.04	50.21
滨海新区 Binhai New Area	70.63	67.63	104.44	121.17	17.09
宁河区 Ninghe District	20.36	20.15	101.04	14.66	25.85
静海区 Jinghai District	30.77	30.02	102.50	9.72	51.07
蓟州区 Jizhou District	44.23	42.98	102.91	26.34	60.87

2-5 各种特征年龄组的户籍人口(2018年)
Registered Population by Age Groups, 2018

单位: 万人(10 000 persons)

年龄组	Age Groups	合 计 Total	# 市 内 区 Six Urban Districts	男 性 Male	# 市 内 区 Six Urban Districts	女 性 Female	# 市 内 区 Six Urban Districts
按学龄人口分组	Grouped by School Age						
0-2岁	Age 0-2	33.42	10.35	17.25	5.35	16.17	5.00
3-5岁	Age 3-5	30.76	10.58	16.00	5.47	14.76	5.11
6-14岁	Age 6-14	86.97	24.13	45.92	12.56	41.05	11.57
15-17岁	Age 15-17	22.27	4.90	11.79	2.54	10.48	2.36
18-21岁	Age 18-21	36.85	8.65	19.14	4.33	17.71	4.32
按婚育人口分组	Grouped by Marriage Age and Child-bearing Age						
进入法定婚龄人口	Reaching Legal Marriage Age	9.41	2.26	4.98	1.19	4.43	1.07
育龄妇女人口 (15-49岁)	Women at Child-bearing Age (between 15-49)	251.72	86.34			251.72	86.34
按劳龄人口分组	Grouped by Labour Age						
进入劳龄人口	Reaching Labour Age						
国内标准(16岁)	Domestic Standard (16 years old)	8.54	1.98	4.53	1.03	4.01	0.95
国际标准(15岁)	International Standard (15 years old)	5.62	1.15	2.98	0.60	2.64	0.55
劳动年龄内人口	Within Labour Age						
国内标准	Domestic Standard	621.74	215.92	332.75	117.38	288.99	98.54
国际标准	International Standard	762.83	283.01	380.48	139.94	382.35	143.07
退出劳龄人口	Over Labour Age						
国内标准	Domestic Standard	21.93	10.08	9.15	4.60	12.78	5.48
国际标准	International Standard	16.03	7.60	7.74	3.60	8.29	4.00
按老年人口分组	Grouped by Aged Population						
60岁及以上人口	Age 60 and over	259.07	122.98	123.64	57.80	135.43	65.18
占总人口比重(%)	Proportion in Total (%)	23.95	30.30	22.96	29.02	24.94	31.53
65岁及以上人口	Age 65 and over	167.63	77.78	78.89	35.84	88.74	41.94
占总人口比重(%)	Proportion in Total (%)	15.50	19.16	14.65	18.00	16.34	20.29
80岁及以上人口	Age 80 and over	32.77	17.88	14.46	7.44	18.31	10.44
占总人口比重(%)	Proportion in Total (%)	3.03	4.41	2.68	3.74	3.37	5.05

注: 劳动年龄内人口的国内标准指男16-59岁,女16-54岁; 国际标准指男女均为15-64岁。

Note: Domestic standard of within labour age refers to the age of between 16-59 for male, and the age of 16-54 for female. International standard of within labour refers to the age of between 15-64 both male and female.

2-6 常住人口主要数据(2015—2018年)
 Main Statistics on Permanent Population, 2015-2018

指 标	Item	2015	2016	2017	2018
常住人口(万人)	Permanent Population (10 000 persons)	1546.95	1562.12	1556.87	1559.60
按性别分	By Sex				
男 性	Male	863.37	849.05	843.10	846.75
女 性	Female	683.58	713.07	713.77	712.85
性别比(女=100)	Sex Ratio (Female=100)	126.30	119.07	118.12	118.78
按户别分组	By Household Type				
家庭户	Family	1153.87	1147.54	1150.79	1151.41
集体户	Collective	393.08	414.58	406.08	408.19
按城乡分组	By Residence				
城 镇	Urban Population	1278.40	1295.47	1291.11	1296.81
占总人口比重(%)	Proportion in Total (%)	82.64	82.93	82.93	83.15
乡 村	Rural Population	268.55	266.65	265.76	262.79
按年龄分组	By Age				
0-14岁	Age 0-14	151.76	154.96	158.65	159.35
15-64岁	Age 15-64	1246.53	1251.07	1240.55	1230.75
65岁及以上	Age 65 and over	148.66	156.09	157.67	169.50
人口负担系数(%)	Population Dependency Ratio (%)				
人口总负担系数	Total Dependency Ratio	24.10	24.87	25.50	26.72
负担少儿系数	Children Dependency Ratio	12.17	12.39	12.79	12.95
负担老年系数	The Aged Dependency Ratio	11.93	12.48	12.71	13.77
老少比	Ratio of Aged to Children	97.96	100.93	99.38	106.33
常住人口户数(万户)	Number of Households (10 000 households)	470.78	473.77	473.58	474.13
家庭户	Family Households	409.53	408.38	409.53	409.75
集体户	Collective Households	61.25	65.39	64.05	64.38
家庭平均户规模(人/户)	Average Family Size (person/household)	2.82	2.81	2.81	2.81
人口变动情况(万人)	Change of Population (10 000 persons)				
出生人口	Birth	8.95	11.46	11.93	10.39
死亡人口	Death	8.59	8.61	7.87	8.45
净迁入人口	Net Immigration	500.35	507.54	498.23	499.01
人口密度(人/平方公里)	Population Density (person/sq.km)	1315	1328	1324	1326

注: 1.此表根据人口普查及人口变动调查数据推算。下表同。2.此表人口密度为常住口径。

Note: a)Data in this table are predicted according to population census and population change survey. Same as following next. b)The population density in this table is calculated at permanent coverage.

2-7 各区常住人口(2015—2018年)
Permanent Population by Region, 2015-2018

单位: 万人(10 000 persons)

地 区	Region	2015	2016	2017	2018
全 市 总 计	Total	1546.95	1562.12	1556.87	1559.60
# 市内六区	Six Urban Districts	488.12	492.53	490.87	492.93
和平区	Heping District	34.90	35.19	35.07	35.37
河东区	Hedong District	96.69	97.61	97.28	97.80
河西区	Hexi District	98.30	99.25	98.92	99.24
南开区	Nankai District	113.57	114.55	114.16	114.75
河北区	Hebei District	88.51	89.24	88.94	89.04
红桥区	Hongqiao District	56.15	56.69	56.50	56.73
东丽区	Dongli District	75.37	76.04	75.79	76.33
西青区	Xiqing District	84.24	85.37	85.09	86.34
津南区	Jinnan District	88.74	89.41	89.11	89.60
北辰区	Beichen District	85.21	86.40	86.10	86.54
武清区	Wuqing District	118.11	119.96	119.56	119.15
宝坻区	Baodi District	91.39	92.98	92.67	92.06
滨海新区	Binhai New Area	297.01	299.42	298.42	298.34
宁河区	Ninghe District	49.16	49.57	49.39	49.11
静海区	Jinghai District	78.21	79.29	79.03	79.01
蓟州区	Jizhou District	91.39	91.15	90.84	90.19

2-8 计划生育情况(2015—2018年)

Family Planning, 2015-2018

单位: 万人(10 000 persons)

指 标	Item	2015	2016	2017	2018
出生人口	Birth	7.72	11.01	10.73	8.98
已婚育龄妇女人数	Married Women at Child-bearing Age	163.19	167.27	166.62	161.88
政策生育率(%)	Family Planning Rate (%)	98.05	99.74	99.59	99.58
一孩率(%)	One-child Rate (%)	73.25	61.44	52.02	54.15
二孩率(%)	Two-child Rate (%)	26.72	37.56	46.12	43.56
多孩率(%)	Multi-child Rate (%)	0.03	1.00	1.86	2.29

资料来源: 天津市卫生健康委员会

Source: Tianjin Municipal Committee of Public Health

2-9 人口婚姻情况(2015—2018年)

Marriage Registration, 2015-2018

指 标	Item	2015	2016	2017	2018
登记结婚对数(对)	Marriages(couple)	101238	98164	95068	97486
# 恢复结婚对数	Remarriage with Former Spouse	12812	16023	17633	21441
涉外婚姻登记	Chinese-Foreigner Marriages	340	316	288	279
按婚前状况分	Grouped by Pre-marriage Condition				
初婚人数(万人)	First Marriages (10 000 persons)	17.49	16.15	15.40	14.96
再婚人数(万人)	Remarriages (10 000 persons)	2.76	3.49	3.61	4.54
离婚对数(对)	Divorces (couple)	51446	65217	60972	64536
法院判决离婚	Mediated by the Court	4939	5053	5133	3794
民政协议离婚	Approved by Civil Administration Agencies	46507	60164	55839	60742

资料来源: 天津市高级人民法院和天津市民政局

Source: Tianjin Municipal Higher People's Court and Tianjin Municipal Civil Affairs Bureau

2-10 按年龄分的6岁及以上各种受教育程度人口(2018年)
Education Status of Population Aged 6 and over by Age, 2018

单位: 人(person)

年 龄 Age	6岁及以上 Aged 6 and over	# 小 学 Primary School	# 初 中 Junior Middle School	# 高 中 Senior Middle School	# 大学专科 Junior College	# 大学本科 Undergraduate College	# 研究生 Postgraduate
全 市 总 计 Total	63224	10133	21908	13067	6882	8796	893
6-9	2337	2043	9	2			
10-14	2504	1331	1126	31		1	
15-19	2502	22	436	1209	204	623	3
20-24	3640	32	540	646	846	1530	41
25-29	4470	94	1295	827	902	1216	125
30-34	5654	135	1609	1091	1086	1488	228
35-39	5499	180	1624	1176	898	1370	233
40-44	4636	276	1997	952	574	708	111
45-49	5682	524	2715	1114	573	650	70
50-54	5665	707	2903	1140	379	438	41
55-59	5453	657	2093	1966	413	236	21
60-64	5728	1069	2462	1461	396	156	12
65+	9455	3063	3098	1453	612	379	9
# 女 性 Female	30192	5239	9673	6331	3326	4088	438
6-9	1132	987	3	1			
10-14	1194	636	533	16		1	
15-19	1135	12	181	571	109	261	
20-24	1601	16	196	263	448	648	26
25-29	2063	40	523	361	441	621	71
30-34	2674	51	657	487	574	765	136
35-39	2498	75	645	539	439	676	112
40-44	2169	144	875	475	276	348	44
45-49	2576	241	1140	545	295	310	29
50-54	2650	359	1308	594	169	181	12
55-59	2630	361	941	1029	174	70	4
60-64	2929	648	1164	760	166	58	3
65+	4940	1669	1506	690	235	148	2

注: 此表为2018年人口抽样调查加权数据, 合计数与分项数据有出入, 表2-11至2-13相同。

Note: Data in this table are obtained from population sample survey in 2018 by weighting. The composite count differs from the itemized data. Same as table 2-11 to 2-13.

2-11 按年龄分的15岁及以上各种婚姻状况人口(2018年)
Marriage Status of Population Aged 15 and over by Age,2018

单位: 人(person)

年 龄 Age	15岁及以上 人口合计 Aged 15 and over	未 婚 Unmarried	有配偶 Married	离 婚 Divorces	丧 偶 Widowed
全 市 总 计 Total	58384	9047	45077	1319	2941
15-19	2502	2485	17		
20-24	3640	3213	417	10	
25-29	4470	1783	2612	73	2
30-34	5654	826	4660	159	9
35-39	5499	316	5008	165	10
40-44	4636	129	4309	179	20
45-49	5682	88	5333	202	57
50-54	5665	50	5337	170	108
55-59	5453	50	5019	174	210
60-64	5728	45	5247	107	329
65+	9455	63	7118	79	2195
# 女 性 Female	27865	3790	21252	704	2120
15-19	1135	1129	6		
20-24	1601	1361	234	7	
25-29	2063	700	1328	34	1
30-34	2674	346	2248	73	8
35-39	2498	127	2291	71	9
40-44	2169	49	2006	97	17
45-49	2576	30	2379	124	43
50-54	2650	9	2465	90	86
55-59	2630	12	2364	97	157
60-64	2929	12	2597	70	251
65+	4940	16	3335	41	1548

2-12 按地区分的家庭户规模(2018年)
Family Households by Size and Region, 2018

单位: 户(household)

地 区 Region	合 计 Total	一人户 One-person	二人户 Two-person	三人户 Three-person	四人及以上户 Four-person and over
全 市 总 计 Total	23205	3614	7940	7090	4560
和平区 Heping District	437	70	140	154	73
河东区 Hedong District	1719	360	644	510	205
河西区 Hexi District	1645	289	577	583	196
南开区 Nankai District	1674	331	569	547	226
河北区 Hebei District	1746	301	636	610	200
红桥区 Hongqiao District	1167	250	426	347	145
东丽区 Dongli District	1275	157	461	416	240
西青区 Xiqing District	1059	174	361	365	158
津南区 Jinnan District	1353	251	493	422	188
北辰区 Beichen District	1351	155	453	431	311
武清区 Wuqing District	1923	200	505	549	670
宝坻区 Baodi District	1095	122	372	234	366
滨海新区 Binhai New Area	3341	503	1174	1070	594
宁河区 Ninghe District	655	97	244	155	158
静海区 Jinghai District	1324	194	434	336	359
蓟州区 Jizhou District	1443	160	450	361	473

2-13 按地区分有65岁及以上老年人口的家庭户(2018年)
Households with Population Aged 65 and over by Region, 2018

单位: 户(household)

地 区 Region	合 计 Total	# 单 身 老人户 Single	# 一对老 夫妇户 One Couple	# 一个老人与 未成年亲属户 One Aged Population and Relatives Age 0-14	# 二个老人 与未成年亲属户 Two Aged Population and Relatives Age 0-14
全 市 总 计 Total	6388	1249	1969	14	38
和平区 Heping District	161	26	45		3
河东区 Hedong District	519	109	150	2	3
河西区 Hexi District	590	118	159	1	9
南开区 Nankai District	567	108	169	1	2
河北区 Hebei District	524	118	150	1	3
红桥区 Hongqiao District	383	97	100	3	2
东丽区 Dongli District	254	42	92		2
西青区 Xiqing District	184	39	71		1
津南区 Jinnan District	284	69	115	1	1
北辰区 Beichen District	342	49	111	1	3
武清区 Wuqing District	571	84	115	3	1
宝坻区 Baodi District	383	67	119		
滨海新区 Binhai New Area	780	156	286		7
宁河区 Ninghe District	160	34	63		
静海区 Jinghai District	288	73	108		
蓟州区 Jizhou District	396	63	117	1	1

主要统计指标解释

常住人口

指实际经常居住在某地区半年以上的人口。按人口普查和抽样调查规定,主要包括:(1)除离开本地半年以上(不包括在国外工作或学习的人)的全部常住本地的户籍人口;(2)户口在外地,但在本地居住半年以上者,或离开户口地半年以上而调查时在本地居住的人口;(3)调查时居住在本地,但在任何地方都没有登记常住户口,如手持户口迁移证、出生证、退伍证、劳改劳教释放证等尚未办理常住户口的人,即所谓“口袋户口”的人。

人口密度

指单位土地面积上的人口数。通常使用常住人口计算人口密度,用于说明人口的拥挤程度。以每平方公里的居民人数来表示。计算公式:

$$\text{人口密度} = \frac{\text{常住人口}}{\text{总土地面积}}$$

人口出生率(又称粗出生率)

指在一定时期内(通常为一年)一定地区的出生人数与同期内平均人数(或期中人数)之比,用千分率表示。本资料中的出生率指年出生率,其计算公式为:

$$\text{人口出生率} = \frac{\text{年出生人数}}{\text{年平均人数}} \times 1000 \%$$

公式中:出生人数指活产婴儿,即胎儿脱离母体时(不管怀孕月数),有过呼吸或其他生命现象。年平均人数指年初、年底人口数的平均数,也可用年中人口数代替。

人口死亡率(又称粗死亡率)

指在一定时期内(通常为一年)一定地区的死亡人数与同期内平均人数(或期中人数)之比,用千分率表示。本资料中的死亡率指年死亡率,其计算公式为:

$$\text{人口死亡率} = \frac{\text{年死亡人数}}{\text{年平均人数}} \times 1000 \%$$

人口自然增长率

指在一定时期内(通常为一年)人口自然增加数(出生人数减死亡人数)与该时期内平均人数(或期中人数)之比,用千分率表示。计算公式为:

$$\begin{aligned} \text{人口自然增长率} &= \frac{\text{本年出生人数} - \text{本年死亡人数}}{\text{年平均人数}} \times 1000 \% \\ &= \text{人口出生率} - \text{人口死亡率} \end{aligned}$$

总负担系数

指14岁及以下少年儿童人口数和65岁及以上老年人口数与15-64岁劳动力年龄人口数的比例。表明的是每百名劳动年龄人口负担多少非劳动年龄人口。计算公式:

$$\text{总负担系数} = \frac{\text{14岁及以下人数} + \text{65岁以上人数}}{\text{16-64岁人数}} \times 100\%$$

法定婚龄、劳龄人口

我国进入婚龄法定人口标准为男22岁、女20岁;进入劳龄人口、劳动年龄内人口、退出劳龄人口的国内标准分别是男16岁、16-59岁、60岁和女16岁、16-54岁、55岁;国际标准男女均为15岁、15-64岁、65岁。

Explanatory Notes on Main Statistical Indicators

Permanent Population

refers to the total number of people alive at a given area over half a year. According to the regulation of population census and sample survey, permanent resident population include (1) registered population in this area except those who have left this area over half a year (exclude those going abroad to work or study). (2) population with residence registered in other area, but having actually resided in this area over half a year or having left place of residence registration over half a year and resided in this area during the period of population survey. (3) population with residence registration in this enumeration area not yet settled, i.e. residence card on hand, migration certificate, birth certificate, demobilized soldier card, release certificate, etc.

Population Density

refers to the total number of people within unit land area. Usually, population density is calculated with permanent resident population and indicates crowd degree of population. It is often expressed in the number of people per square kilometer. The following formula is used:

$$\text{Population Density} = \frac{\text{Permanent Resident Population}}{\text{Total Area of land}}$$

Birth Rate (or Crude Birth Rate)

refers to the ratio of the number of births to the average population (or mid-period population) during a certain period of time (usually a year), expressed in ‰. Birth rate in the chapter refers to annual birth rate. The following formula is used:

$$\text{Birth Rate} = \frac{\text{Number of Births}}{\text{Annual Average Population}} \times 1000\text{‰}$$

Number of births in the formula refers to live births, i.e. when a baby has breathed or showed any vital phenomena regardless of the length of pregnancy. Annual average population is the average of the number of population at the beginning of the year and that at the end of the year. Sometimes it is substituted by the mid-year population.

Death Rate (or Crude Death Rate)

refers to the ratio of the number of deaths to the average population (or mid-period population) during a certain period of time (usually a year), expressed in ‰. Death rate in the chapter refers to annual death rate. The following formula is used:

$$\text{Death Rate} = \frac{\text{Number of Deaths}}{\text{Annual Average Population}} \times 1000\text{‰}$$

Natural Growth Rate of Population

refers to the ratio of natural increase in population (number of births minus number of deaths) in a certain period of time (usually a year) to the average population (or mid-period population) of the same period, expressed in ‰. The following formula is applied:

$$\begin{aligned} \text{Natural Growth Rate of Population} = \\ \frac{(\text{Number of Births} - \text{Number of Deaths})}{\text{Annual Average Population}} \times 1000\text{‰} \end{aligned}$$

$$\text{Natural Growth Rate of Population} = \text{Birth Rate} - \text{Death Rate}$$

Total Dependency Ratio

refers to the ratio of children aged 0-14 and elderly population aged 65 and over to the working-age population aged 15-64. It describes in general the number of non-working-age population that every 100 people at working ages will take care of. The following formula is used:

$$\begin{aligned} \text{Gross Dependency Ratio} = \\ \frac{(\text{Population Aged 0-14}) + (\text{Population Aged 65 and over})}{\text{Population Aged 15-64}} \times 100\% \end{aligned}$$

Legal Marriage Age, Labour Age Population

The standard of legal marriage age is 22 for male and 20 for female. The domestic standard of "reaching labour age", "within labour age" and "over labour age" are 16, 16 to 59, 60 for male respectively and 16, 16 to 54, 55 for female respectively; the international standard of these items are 15, 15-64 and 65 respectively for both male and female.