

Additional Table 1. Proportion of older population and proportion of falls in 2010 and 2017 in each district of Beijing.

	Proportion of older population (%)		Proportion of falls (%) (95% CI)	
	2010	2017	2010	2017
Overall	18.7	24.5	7.12 (6.95,7.29)	9.45 (9.31,9.58)
Fengtai ^u	21.6	29.2	7.14 (6.73,7.57)	9.75 (9.33,10.18)
Shijingshan ^u	20.7	28.9	7.54 (6.86,8.27)	9.82 (9.14,10.55)
Dongcheng ^u	20.9	27.9	7.69 (7.15,8.26)	10.47 (9.92,11.05)
Chaoyang ^u	21.4	27.2	7.16 (6.81,7.53)	9.37 (9.06,9.68)
Xicheng ^u	21.4	26.9	6.99 (6.58,7.42)	8.93 (8.52,9.37)
Mentougou ^s	19.1	26.3	2.41 (0.60,9.20)	9.28 (8.38,10.27)
Tongzhou ^s	17.7	23.4	2.27 (1.29,3.96)	8.80 (8.23,9.41)
Pinggu ^s	16.9	22.8	7.81 (6.27,9.69)	10.91 (10.05,11.83)
Shunyi ^s	16.7	22.5	5.82 (4.51,7.49)	8.82 (8.22,9.46)
Fangshan ^s	16.1	22.3	4.99 (4.42,5.64)	7.79 (7.33,8.28)
Huairou ^s	16.0	22.3	4.69 (2.54,8.52)	9.48 (8.56,10.48)
Yanqing ^s	16.3	22.2	4.94 (3.94,6.17)	9.47 (8.48,10.55)
Miyun ^s	15.8	22.1	4.81 (3.80,6.08)	8.10 (7.33,8.95)
Changping ^s	16.0	21.5	7.69 (6.67,8.86)	9.96 (9.37,10.59)
Haidian ^u	16.6	21.0	8.10 (7.66,8.57)	10.62 (10.23,11.03)
Daxing ^s	16.0	20.6	6.07 (4.37,8.38)	8.54 (8.00,9.11)

^u Urban; ^s Suburban

Percentages with 95% CI were unadjusted and were calculated by normal distribution method.

Additional Table 2. Trends in proportion of older population and proportion of falls in urban and suburban regions among different sex groups from 2010 to 2017.

	Male					Female				
	Urban		Suburban		<i>P</i>	Urban		Suburban		<i>P</i>
	Number, N	Proportion of falls,% (95% CI)	Number, N	Proportion of falls,% (95% CI)		Number, N	Proportion of falls,% (95% CI)	Number, N	Proportion of falls,% (95% CI)	
Overall	344 806	7.30 (7.22,7.39)	142 609	6.77 (6.65,6.91)	<0.0001	347 915	9.92 (9.82,10.02)	131 137	8.89 (8.74,9.05)	<0.0001
2010	38 782	6.26 (6.02,6.50)	7 379	5.18 (4.69,5.71)		36 586	8.57 (8.29,8.87)	5 918	6.18 (5.60,6.83)	
2011	36 737	6.76 (6.51,7.03)	9 659	5.31 (4.88,5.78)		37 340	8.84 (8.56,9.13)	9 321	7.41 (6.90,7.96)	
2012	40 734	7.08 (6.84,7.34)	9 106	5.81 (5.35,6.31)		41 567	9.09 (8.82,9.37)	8 408	7.79 (7.24,8.38)	
2013	41 727	7.26 (7.01,7.51)	11 617	5.12 (4.74,5.54)		42 481	10.04 (9.75,10.32)	10 461	7.31 (6.83,7.83)	
2014	41 644	7.38 (7.13,7.63)	16 168	6.34 (5.97,6.73)		43 316	9.77 (9.50,10.06)	14 878	8.02 (7.59,8.47)	
2015	42 520	7.54 (7.29,7.79)	23 097	7.14 (6.81,7.47)		43 527	10.32 (10.04,10.61)	21 802	9.32 (8.94,9.71)	
2016	47 396	7.48 (7.25,7.72)	30 064	7.42 (7.13,7.72)		47 613	10.58 (10.31,10.86)	28 176	9.41 (9.08,9.76)	
2017	55 266		35 519			55 485		32 173	10.29	
		8.21 (7.98,8.44)		7.71 (7.44,7.99)			11.30 (11.04,11.57)		(9.96,10.62)	
χ^2		138.819		183.496			290.516		210.474	
<i>P</i>		<0.0001		<0.0001			<0.0001		<0.0001	

Participants with missing sex or district data (20 723) were not included.

Percentages with 95% CI were unadjusted and were calculated by normal distribution method.

Additional Table 3. Trends in proportion of older population and proportion of falls in urban and suburban regions among different age groups from 2010 to 2017.

	Aged 60 - 79					Aged 80 - 100				
	Urban		Suburban		<i>P</i>	Urban		Suburban		<i>P</i>
	Number, N	Proportion of falls,% (95% CI)	Number, N	Proportion of falls,% (95% CI)		Number, N	Proportion of falls,% (95% CI)	Number, N	Proportion of falls,% (95% CI)	
Overall	379 233	7.37 (7.29,7.46)	177 348	6.87 (6.75,6.99)	<0.0001	299 829	9.41 (9.31,9.52)	89 868	9.60 (9.41,9.79)	0.100
2010	45 693	6.55 (6.33,6.78)	7 538	5.08 (4.61,5.6)		28 785	8.23 (7.91,8.55)	3 152	7.27 (6.41,8.23)	
2011	44 016	6.80 (6.57,7.04)	12 284	5.53 (5.14,5.95)		29 314	8.61 (8.29,8.93)	5 138	8.14 (7.42,8.92)	
2012	46 550	6.67 (6.45,6.90)	12 349	6.02 (5.61,6.45)		33 396	8.29 (8.00,8.60)	5 509	9.04 (8.31,9.83)	
2013	45 479	7.11 (6.88,7.35)	15 315	5.79 (5.43,6.17)		35 360	9.01 (8.71,9.31)	6 902	8.20 (7.58,8.87)	
2014	44 693	7.13 (6.90,7.38)	19 964	5.79 (5.47,6.12)		36 331	9.18 (8.89,9.49)	9 422	9.02 (8.46,9.62)	
2015	45 988	7.82 (7.58,8.07)	29 391	7.01 (6.73,7.31)		39 084	9.84 (9.55,10.14)	15 399	10.07 (9.61,10.56)	
2016	49 528	7.71 (7.48,7.95)	37 130	7.37 (7.11,7.64)		44 479	10.14 (9.86,10.42)	20 375	9.95 (9.55,10.37)	
2017	57 286	8.77 (8.54,9.01)	43 377	8.15 (7.90,8.41)		53 080	10.71 (10.45,10.98)	23 971	10.36 (9.98,10.75)	
χ^2		252.426		246.324			252.364		66.404	
<i>P</i>		<0.0001		<0.0001			<0.0001		<0.0001	

Participants with unindicated age or missing district data (40 912) were not included.

Percentages with 95% CI were unadjusted and were calculated by normal distribution method.