

Table S1. Population distribution of adults aged ≥ 60 years by age group in Western China, 2005–2020.

Year	60-64		65-69		70-74		75-79		80-84		≥ 85		Total(n)
	Population	Proportion (%)	Population	Proportion (%)	Population	Proportion (%)	Population	Proportion (%)	Population	Proportion (%)	Population	Proportion (%)	
2005	13333595	34.0%	10523398	26.9%	7666248	19.6%	4553301	11.6%	2305428	5.9%	797837	2.0%	39179807
2006	13227336	33.0%	11010834	27.5%	7728525	19.3%	4896459	12.2%	2377948	5.9%	804627	2.0%	40045729
2007	13593113	33.0%	11155481	27.0%	8176320	19.8%	5106910	12.4%	2433713	5.9%	782743	1.9%	41248280
2008	13807103	32.9%	11268702	26.8%	8342056	19.9%	5242043	12.5%	2527665	6.0%	791191	1.9%	41978760
2009	14109929	32.9%	11342927	26.4%	8555057	19.9%	5444313	12.7%	2701959	6.3%	791545	1.8%	42945730
2010	14718541	33.2%	11795147	26.6%	8655362	19.5%	5613068	12.7%	2724156	6.1%	806454	1.8%	44312728
2011	14461898	30.9%	12852021	27.5%	9437888	20.2%	6145081	13.1%	2984279	6.4%	872654	1.9%	46753821
2012	16081891	32.7%	12282279	25.0%	9441101	19.2%	6258258	12.7%	3374200	6.9%	1771025	3.6%	49208754
2013	16377549	32.8%	12406058	24.8%	9542461	19.1%	6441141	12.9%	3463815	6.9%	1767111	3.5%	49998135
2014	17043210	32.6%	12684966	24.3%	9818444	18.8%	6804098	13.0%	3889509	7.4%	1981166	3.8%	52221393
2015	17131039	32.7%	12747375	24.3%	9857788	18.8%	6831781	13.0%	3902951	7.4%	1986540	3.8%	52457474
2016	16965637	29.7%	14455965	25.3%	11189790	19.6%	7756405	13.6%	4427369	7.8%	2252513	3.9%	57047679
2017	17233727	31.0%	13827250	24.9%	10698499	19.3%	7408915	13.3%	4238106	7.6%	2157261	3.9%	55563758
2018	17142335	29.3%	14913788	25.5%	11518031	19.7%	7977773	13.7%	4552726	7.8%	2318847	4.0%	58423500
2019	21842088	33.8%	17170136	26.6%	11668512	18.1%	7047276	10.9%	4500839	7.0%	2307615	3.6%	64536466
2020	20623216	31.0%	18378108	27.6%	12513049	18.8%	7712872	11.6%	4347638	6.5%	2908512	4.4%	66483395

Population is presented as n.

Proportions (%) were calculated within the population aged ≥ 60 years for each calendar year (denominator: total population aged ≥ 60 years in that year).

Percentages may not sum to 100% due to rounding.

Table S2. Distribution of PTB DALYs (person-years) among adults aged ≥ 60 years by age group in Western China, 2005–2020.

Year	60-64		65-69		70-74		75-79		80-84		≥ 85		Total DALYs (person-years)
	DALYs	Proportion (%)	DALYs	Proportion (%)	DALYs	Proportion (%)	DALYs	Proportion (%)	DALYs	Proportion (%)	DALYs	Proportion (%)	
2005	171141.64	27.8%	170126.16	27.7%	148290.25	24.1%	83051.25	13.5%	32213.61	5.2%	9770.96	1.6%	614593.87
2006	123270.91	27.8%	127240.27	28.7%	101309.34	22.8%	61483.17	13.9%	23566.78	5.3%	6636.41	1.5%	443506.88
2007	125003.05	26.9%	127415.35	27.4%	110287.08	23.8%	65617.21	14.1%	29244.65	6.3%	6633.27	1.4%	464200.61
2008	111700.20	25.2%	118577.61	26.8%	107819.36	24.3%	71631.46	16.2%	26574.27	6.0%	6786.74	1.5%	443089.64
2009	106304.47	24.9%	111950.13	26.3%	103133.57	24.2%	64897.27	15.2%	31888.74	7.5%	8295.15	1.9%	426469.33
2010	122554.28	27.6%	119842.59	27.0%	95468.65	21.5%	63342.08	14.3%	31784.73	7.2%	10523.38	2.4%	443515.71
2011	124479.79	27.1%	118751.13	25.9%	104860.83	22.8%	69347.95	15.1%	31718.99	6.9%	10077.39	2.2%	459236.08
2012	128725.29	27.1%	118526.63	25.0%	107252.88	22.6%	73581.86	15.5%	34201.51	7.2%	11908.82	2.5%	474196.99
2013	106272.54	26.5%	103931.26	25.9%	89018.67	22.2%	60579.93	15.1%	30153.01	7.5%	11290.87	2.8%	401246.28
2014	92533.85	25.2%	93289.84	25.4%	80091.13	21.8%	59870.16	16.3%	30632.57	8.3%	11128.14	3.0%	367545.69
2015	91378.60	24.4%	95310.00	25.4%	81333.72	21.7%	62512.13	16.7%	31821.23	8.5%	12333.92	3.3%	374689.60
2016	91944.82	23.1%	100114.50	25.2%	90336.30	22.7%	66463.33	16.7%	35493.22	8.9%	13485.03	3.4%	397837.20
2017	94293.62	23.5%	101853.41	25.4%	91019.04	22.7%	66830.34	16.7%	32940.63	8.2%	14200.22	3.5%	401137.26
2018	98995.58	21.5%	115154.27	25.0%	106151.42	23.1%	79661.39	17.3%	42145.93	9.2%	18132.38	3.9%	460240.97
2019	87357.43	22.4%	101313.23	26.0%	83876.10	21.5%	63643.21	16.3%	36039.76	9.3%	17207.56	4.4%	389437.29
2020	70775.42	21.6%	86399.54	26.4%	71588.67	21.8%	53945.24	16.5%	29359.03	9.0%	15651.21	4.8%	327719.11

DALYs are presented in person-years.

Proportions (%) were calculated within total DALYs among adults aged ≥ 60 years for each year (denominator: total DALYs in that year).

Percentages may not sum to 100% due to rounding.