

Table S1 Chinese cancer registries and covered people

Year	Registries	Covered people	Covered provinces	Covered people (%)
2005	34	59,420,000	19	4.20%
2006	34	59,570,000	19	4.53%
2007	38	59,810,000	17	4.53%
2008	41	66,140,000	18	6.21%
2009	72	85,470,000	24	6.40%
2010	145	158,400,000	28	11.86%
2011	177	175,310,169	29	13.01%
2012	193	198,060,406	29	14.63%
2013	255	226,494,490	31	16.55%
2014	339	288,243,347	31	21.07%
2015	368	309,553,499	31	22.52%

Table S2 China population structure in 2000, 2015 and Segi's population expressed per 100,000 persons

Age group	China population structure in 2000		China population structure in 2015		Segi's population	
	n	%	n	%	n	%
<40	836195791	0.6729	742634226	0.5418	68000	0.6800
40~49	166763990	0.1342	250317684	0.1826	12000	0.1200
50~59	109674575	0.0883	166960946	0.1218	9000	0.0900
60~69	76484308	0.0616	116255152	0.0848	7000	0.0700
70+	53493562	0.0430	94616392	0.0690	4000	0.0400
Total	1242612226		1370784400		100000	

Table S3 The predicted versus actual incidence cases and rate of malignant mesothelioma from 2005 to 2015 in China

Category	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Male											
Number of cases											
Actual value, n	72	83	66	77	111	137	128	215	199	268	285
Predicted value, n	70	75	70	79	102	133	138	203	204	268	287
Absolute difference, n	2	8	-4	-2	9	4	-10	12	-5	0	-2
Relative differences, %	2.78	9.64	-6.06	-2.60	8.11	2.92	-7.81	5.58	-2.51	0	-0.70
Crude rate											
Actual value, /10 ⁵	0.26	0.28	0.22	0.23	0.26	0.22	0.17	0.21	0.17	0.18	0.18
Predicted value, /10 ⁵	0.25	0.25	0.23	0.24	0.24	0.21	0.19	0.2	0.18	0.18	0.18
Absolute difference, /10 ⁵	0.01	0.03	-0.01	-0.01	0.02	0.01	-0.02	0.01	-0.01	0	0
Relative differences, %	3.85	10.71	-4.55	-4.35	7.69	4.55	-11.76	4.76	-5.88	0	0
Female											
Number of cases											
Actual value, n	50	57	51	70	81	98	104	178	152	188	231
Predicted value, n	49	55	52	64	76	99	109	163	158	196	229
Absolute difference, n	1	2	-1	6	5	-1	-5	15	-6	-8	2
Relative differences, %	2.00	3.51	-1.96	8.57	6.17	-1.02	-4.81	8.43	-3.95	-4.26	0.87
Crude rate											
Actual value, /10 ⁵	0.18	0.19	0.17	0.21	0.19	0.16	0.14	0.18	0.14	0.13	0.15
Predicted value, /10 ⁵	0.18	0.18	0.18	0.19	0.18	0.16	0.15	0.17	0.14	0.14	0.14
Absolute difference, /10 ⁵	0	0.01	-0.01	0.02	0.01	0	-0.01	0.01	0	-0.01	0.01
Relative differences, %	0	5.26	-5.88	9.52	5.26	0	-7.14	5.56	0	-7.69	6.67
Both sexes											
Number of cases											
Actual value, n	122	140	117	147	192	235	232	393	351	456	516
Predicted value, n	120	133	123	145	183	233	242	377	360	458	515
Absolute difference, n	2	7	-6	2	9	2	-10	16	-9	-2	1
Relative differences, %	1.64	5.00	-5.13	1.36	4.69	0.85	-4.31	4.07	-2.56	-0.44	0.19
Crude rate											
Actual value, /10 ⁵	0.22	0.24	0.2	0.22	0.22	0.19	0.16	0.2	0.15	0.16	0.16
Predicted value, /10 ⁵	0.22	0.22	0.21	0.22	0.21	0.19	0.17	0.19	0.16	0.16	0.16
Absolute difference, /10 ⁵	0	0.02	-0.01	0	0.01	0	-0.01	0.01	-0.01	0	0
Relative differences, %	0.00	8.33	-5.00	0	4.55	0	-6.25	5.00	-6.67	0	0