

**Table S1** Trends in the ASIRW and ASMRW for lung cancer by area and sex from 2010–2018 (1/100,000)

Area	Sex	2010	2011	2012	2013	2014	2015	2016	2017	2018
ASIRW										
All	Total	35.78	37.77	38.60	40.02	38.42	38.51	37.51	39.49	37.06
	Male	50.60	51.90	55.09	54.97	54.76	55.37	52.83	55.56	51.82
	Female	21.76	24.55	23.79	26.27	22.89	22.81	23.05	24.42	23.10
Urban	Total	41.61	41.68	39.99	42.63	45.89	42.41	40.18	36.99	37.17
	Male	60.78	60.51	57.40	63.48	68.51	63.46	58.32	52.97	52.05
	Female	24.16	24.42	24.49	23.66	25.15	24.32	23.6	22.33	23.60
Rural	Total	34.83	37.07	38.33	39.58	37.19	37.94	36.86	40.28	37.03
	Male	48.90	50.30	54.64	53.34	52.46	54.17	51.51	56.35	51.74
	Female	21.39	24.60	23.66	26.88	22.55	22.60	22.93	25.08	22.93
ASMRW										
All	Total	27.84	29.36	29.89	30.14	28.46	30.25	28.79	29.89	27.04
	Male	41.22	41.77	43.17	42.68	41.98	44.4	42.04	43.56	39.74
	Female	15.73	18.07	18.30	18.83	15.97	17.45	16.58	17.44	15.26
Urban	Total	33.91	33.01	35.02	32.81	34.20	32.32	31.34	28.79	27.23
	Male	51.90	48.49	51.73	48.37	52.74	50.82	46.42	43.14	40.96
	Female	18.25	19.13	20.71	18.71	17.72	16.81	17.95	15.97	14.86
Rural	Total	26.79	28.66	28.83	29.71	27.54	30.05	28.28	30.24	26.99
	Male	39.38	40.49	41.39	41.60	40.23	43.54	41.11	43.68	39.31
	Female	15.3	17.84	17.79	18.99	15.69	17.67	16.34	17.91	15.41

ASIRW, age-standardized incidence rates by world standard population (Segi's); ASMRW, age-standardized mortality rates by world standard population (Segi's).

**Table S2** Trends in the incidence and mortality rates for lung cancer by area and age from 2010–2018 (1/100,000)

Area	Age	2010	2011	2012	2013	2014	2015	2016	2017	2018
Incidence										
All	15–39	1.55	1.90	1.66	1.68	1.63	1.71	1.39	1.57	1.70
	40–74	92.83	96.74	93.78	98.19	95.29	93.58	92.24	95.85	95.04
	75+	283.42	323.72	381.74	374.51	355.40	400.51	375.57	434.74	374.40
Urban	15–39	1.48	1.69	1.27	1.72	1.70	1.41	1.31	0.89	1.19
	40–74	99.79	99.25	91.99	95.59	98.68	90.82	90.53	87.38	91.41
	75+	427.07	458.05	428.41	440.53	579.26	577.86	495.58	422.31	384.11
Rural	15–39	1.57	1.93	1.74	1.67	1.61	1.76	1.41	1.76	1.88
	40–74	91.50	96.23	94.18	98.79	94.60	94.12	92.73	98.48	96.42
	75+	258.83	298.97	371.92	361.61	319.43	371.28	345.42	438.76	370.70
Mortality										
All	15–39	0.54	0.85	0.79	0.75	0.79	0.86	0.80	0.76	0.57
	40–74	63.76	70.53	65.70	68.04	63.69	67.29	64.31	65.82	63.46
	75+	356.66	335.77	402.65	379.99	366.45	412.85	386.67	431.96	377.12
Urban	15–39	1.09	2.00	0.91	0.31	1.20	0.68	1.01	0.58	0.48
	40–74	72.82	74.20	68.93	65.05	65.22	58.59	59.39	58.69	60.15
	75+	479.37	413.77	554.62	465.67	542.53	585.13	524.00	461.17	387.68
Rural	15–39	0.44	0.65	0.77	0.83	0.71	0.89	0.75	0.81	0.60
	40–74	62.03	69.78	64.96	68.73	63.38	69.00	65.70	68.03	64.73
	75+	335.66	321.40	370.71	363.25	338.15	384.46	352.17	422.53	373.10