

Supplemental table 2. The global incidence, ASIR, prevalence and ASPR due to chronic respiratory diseases in 1990 and 2017

		Chronic respiratory diseases	Chronic obstructive pulmonary disease	Pneumoconiosis					Asthma	Interstitial lung disease and pulmonary sarcoidosis	
				Overall	Silicosis	Asbestosis	CWP	Others			
1990	No. incidence*10³	49341.4 (43429.9-55491.0) *	12824.8 (11943.8-13758.7)	36.2 (32.5-40.0)	15.0 (12.4-17.7)	4.3 (3.5-5.5)	9.8 (8.0-12.5)	7.0 (6.0-8.3)	36232.5 (30222.0-42178.5)	247.9 (226.6-270.1)	
	ASIR (per 100,000)	both sexes	924.87 (828.62-1023.47)	289.10 (269.84-309.46)	0.86 (0.78-0.95)	0.36 (0.30-0.42)	0.10 (0.08-0.13)	0.24 (0.19-0.30)	0.17 (0.14-0.20)	629.17 (530.99-723.36)	5.74 (5.27-6.27)
		male	935.45 (840.71-1031.5)	304.76 (286.63-323.96)	1.70 (1.52-1.88)	0.74 (0.62-0.88)	0.17 (0.14-0.21)	0.50 (0.41-0.63)	0.29 (0.24-0.34)	622.24 (524.78-716.37)	6.76 (6.21-7.36)
		female	919.86 (821.49-1020.47)	277.64 (257.08-298.78)	0.17 (0.15-0.19)	0.04 (0.03-0.05)	0.05 (0.04-0.06)	0.02 (0.02-0.03)	0.06 (0.05-0.08)	637.08 (536.87-733.19)	4.97 (4.54-5.41)
		No. prevalence*10³	389713.75(362943.03-416351.40)	199879.27(184086.58-216261.82)	291.19(257.76-328.29)	85.36(66.55-105.58)	47.13(35.78-63.43)	85.29(67.32-109.15)	73.41(60.31-88.43)	210684.26(186331.99-236729.869144)	3330.47(3037.41-3661.55)

	both sexes	8157.75(766 3.98- 8662.19)	4669.16(42 96.67- 5050.60)	6.97(6. 18- 7.87)	2.01(1.5 7-2.48)	1.11(0.85- 1.48)	2.09(1.65- 2.68)	1.77(1.46- 2.12)	3981.75(3548.73- 4417.55)	79.88(72.8 9-87.84)
	ASPR (per 100,000)	7926.45(744 0.72- 8419.84)	4618.39(42 56.57- 4984.11)	13.10(1 1.61- 14.83)	3.94(3.0 7-4.90)	1.72(1.35- 2.20)	4.34(3.43- 5.60)	3.11(2.57- 3.74)	3798.44(3386.57- 4234.09)	87.99(80.3 0-96.54)
	female	8411.22(788 9.66- 8935.21)	4745.34(43 53.84- 5141.70)	1.96(1. 69- 2.29)	0.40(0.2 9-0.55)	0.62(0.45- 0.89)	0.28(0.20- 0.38)	0.66(0.53- 0.82)	4168.66(3723.08- 4614.65)	73.71(67.1 6-80.97)
	No. incidence*10³	62161.3 (55134.8- 69320.7)	18475.7 (16736.0- 20255.6)	60.1 (53.1- 67.0)	23.7 (19.1- 29.0)	9.4 (7.7- 11.6)	15.1 (12.0- 19.8)	11.9 (9.9- 14.3)	43123.4 (36191.5- 50226.4)	502.2 (458.8- 550.0)
2017	both sexes	833.08 (730.32- 937.91)	230.07 (209.25- 251.56)	0.75 (0.66- 0.84)	0.30 (0.24- 0.36)	0.12 (0.10- 0.15)	0.19 (0.15- 0.25)	0.15 (0.12- 0.18)	595.97 (495.28- 700.24)	6.30 (5.75- 6.89)
	ASIR (per 100,000)	826.92 (725.52- 932.84)	243.42 (222.31- 265.37)	1.45 (1.28- 1.62)	0.60 (0.48- 0.73)	0.20 (0.17- 0.24)	0.39 (0.31- 0.50)	0.25 (0.21- 0.30)	574.69 (474.57- 678.50)	7.36 (6.71- 8.04)
	female	842.09 (738.53- 946.10)	218.97 (197.87- 239.73)	0.15 (0.13- 0.17)	0.03 (0.02- 0.04)	0.05 (0.03- 0.06)	0.02 (0.01- 0.02)	0.05 (0.04- 0.07)	617.55 (514.14- 723.19)	5.42 (4.95- 5.94)
	No. prevalence*10³	544899.16(5 06937.52- 584858.36)	299398.15(269025.16- 330073.84)	527.46(470.01- 593.19)	162.37(127.47- 202.62)	92.15(73.11 -118.32)	147.88(11 7.46- 190.14)	125.07(10 4.97- 149.25)	272677.53(242295 .87-304699.57)	6234.16(56 61.00- 6848.17)

	both sexes	6991.55(649 6.73- 7516.36)	3740.74(33 69.84- 4120.82)	6.63(5. 91- 7.44)	2.04(1.5 9-2.54)	1.15(0.93- 1.48)	1.87(1.48- 2.40)	1.56(1.32- 1.86)	3599.59(3175.10- 4039.91)	78.22(70.9 5-85.96)
ASPR (per 100,000)	male	6731.06(624 8.26- 7267.53)	3711.47(33 34.68- 4101.16)	12.57(1 1.14- 14.13)	4.04(3.1 6-5.02)	1.89(1.54- 2.36)	3.88(3.07- 5.02)	2.75(2.31- 3.29)	3361.74(2951.90- 3778.37)	86.87(78.7 5-95.25)
	female	7266.92(674 1.78- 7824.87)	3791.44(34 30.97- 4165.95)	1.62(1. 40- 1.88)	0.33(0.2 4-0.43)	0.53(0.39- 0.75)	0.21(0.16- 0.27)	0.54(0.44- 0.67)	3833.87(3394.76- 4292.91)	71.25(64.6 7-78.40)

*Data in parentheses shown as 95% UI.

ASIR, age-standardized incidence rate; ASPR, age-standardized prevalence rate; CWP, coal workers pneumoconiosis.