

## [Supplementary Materials]

### Analyzing Cancer Incidence among Korean Workers and Public Officials Using Big Data from National Health Insurance Service

- **Supplementary Table 1.** Number of cases and incidence rate per 100,000 by each cancer site among total workers based on baseline cohort design 2
- **Supplementary Table 2.** Number of cases and incidence rate per 100,000 by each cancer site among public officials based on baseline cohort design 15
- **Supplementary Table 3.** Number of cases and incidence rate per 100,000 by each cancer site among total workers based on dynamic cohort design 28
- **Supplementary Table 4.** Number of cases and incidence rate per 100,000 by each cancer site among public officials based on dynamic cohort design 41
- **Supplementary Table 5.** Number of cases and incidence rate per 100,000 by each cancer site among total workers based on fixed-industry cohort design 54
- **Supplementary Table 6.** Number of cases and incidence rate per 100,000 by each cancer site among public officials based on fixed-industry cohort design 67

**Supplementary Table 1.** Number of cases, observations (in 10,000 person-years), and incidence rate by each cancer site among total workers based on baseline cohort design  
[CI: confidence interval]

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Lip, oral cavity and pharynx (C00-C14)	25-29	125	121.4	1.0 [0.9-1.2]	73	61	1.2 [0.9-1.5]	52	60.4	0.9 [0.6-1.1]
	30-34	196	127.7	1.5 [1.3-1.8]	135	82.4	1.6 [1.4-1.9]	61	45.2	1.3 [1.0-1.7]
	35-39	340	130.3	2.6 [2.3-2.9]	259	91.2	2.8 [2.5-3.2]	81	39.2	2.1 [1.6-2.6]
	40-44	419	115.7	3.6 [3.3-4.0]	341	79.9	4.3 [3.8-4.7]	78	35.8	2.2 [1.7-2.7]
	45-49	637	101.7	6.3 [5.8-6.8]	546	70.8	7.7 [7.1-8.4]	91	30.9	2.9 [2.4-3.6]
	50-54	708	77.8	9.1 [8.4-9.8]	619	55.9	11.1 [10.2-12.0]	89	21.9	4.1 [3.3-5.0]
	55-59	573	44.2	12.9 [11.9-14.1]	532	32.5	16.4 [15.0-17.8]	41	11.8	3.5 [2.5-4.7]
	60-64	400	24.8	16.2 [14.6-17.8]	372	18.8	19.8 [17.9-22.0]	28	6	4.7 [3.1-6.7]
Oesophagus (C15)	25-29	6	121.4	0.0 [0.0-0.1]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	8	127.7	0.1 [0.0-0.1]	6	82.4	0.1 [0.0-0.2]	NA	NA	NA [NA-NA]
	35-39	24	130.3	0.2 [0.1-0.3]	21	91.2	0.2 [0.1-0.4]	NA	NA	NA [NA-NA]
	40-44	86	115.7	0.7 [0.6-0.9]	81	79.9	1.0 [0.8-1.3]	NA	NA	NA [NA-NA]
	45-49	239	101.8	2.3 [2.1-2.7]	227	70.8	3.2 [2.8-3.6]	12	30.9	0.4 [0.2-0.7]
	50-54	465	77.8	6.0 [5.4-6.5]	452	55.9	8.1 [7.4-8.9]	13	21.9	0.6 [0.3-1.0]
	55-59	560	44.2	12.7 [11.6-13.7]	548	32.5	16.9 [15.5-18.3]	12	11.8	1.0 [0.5-1.8]
	60-64	465	24.8	18.8 [17.1-20.6]	449	18.8	23.9 [21.8-26.3]	16	6	2.7 [1.5-4.3]
Gastric(C16)	25-29	551	121.4	4.5 [4.2-4.9]	246	61	4.0 [3.5-4.6]	305	60.4	5.0 [4.5-5.6]
	30-34	1284	127.7	10.1 [9.5-10.6]	747	82.3	9.1 [8.4-9.7]	537	45.2	11.9 [10.9-12.9]
	35-39	2707	130.2	20.8 [20.0-21.6]	1971	91.2	21.6 [20.7-22.6]	736	39.1	18.8 [17.5-20.2]
	40-44	4150	115.6	35.9 [34.8-37.0]	3161	79.8	39.6 [38.2-41.0]	989	35.7	27.7 [26.0-29.5]
	45-49	6013	101.5	59.2 [57.8-60.8]	4987	70.7	70.6 [68.6-72.6]	1026	30.8	33.3 [31.3-35.4]
	50-54	7341	77.6	94.6 [92.5-96.8]	6429	55.8	115.3 [112.5-118.2]	912	21.8	41.8 [39.1-44.6]
	55-59	6251	44.1	141.8 [138.3-145.4]	5600	32.3	173.2 [168.7-177.8]	651	11.8	55.4 [51.2-59.8]
	60-64	5113	24.6	208.0 [202.3-213.8]	4604	18.6	247.7 [240.6-255.0]	509	6	84.8 [77.6-92.5]

Supplementary Table 1. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Colon(C18)	25-29	226	121.4	1.9 [1.6-2.1]	135	61	2.2 [1.9-2.6]	91	60.4	1.5 [1.2-1.8]
	30-34	460	127.7	3.6 [3.3-3.9]	293	82.4	3.6 [3.2-4.0]	167	45.2	3.7 [3.2-4.3]
	35-39	911	130.3	7.0 [6.5-7.5]	620	91.2	6.8 [6.3-7.4]	291	39.1	7.4 [6.6-8.4]
	40-44	1375	115.7	11.9 [11.3-12.5]	992	79.9	12.4 [11.7-13.2]	383	35.8	10.7 [9.7-11.8]
	45-49	2411	101.7	23.7 [22.8-24.7]	1818	70.8	25.7 [24.5-26.9]	593	30.9	19.2 [17.7-20.8]
	50-54	3252	77.8	41.8 [40.4-43.3]	2583	55.8	46.3 [44.5-48.1]	669	21.8	30.6 [28.4-33.1]
	55-59	2982	44.2	67.5 [65.1-70.0]	2483	32.4	76.6 [73.6-79.7]	499	11.8	42.5 [38.8-46.4]
	60-64	2636	24.7	106.9 [102.8-111.0]	2276	18.7	121.9 [117.0-127.0]	360	6	60.0 [54.0-66.5]
Rectosigmoid junction, rectum, anus and anal canal (C19-C21)	25-29	225	121.4	1.9 [1.6-2.1]	132	61	2.2 [1.8-2.6]	93	60.4	1.5 [1.2-1.9]
	30-34	486	127.7	3.8 [3.5-4.2]	331	82.4	4.0 [3.6-4.5]	155	45.2	3.4 [2.9-4.0]
	35-39	943	130.3	7.2 [6.8-7.7]	717	91.2	7.9 [7.3-8.5]	226	39.2	5.8 [5.0-6.6]
	40-44	1316	115.7	11.4 [10.8-12.0]	1030	79.9	12.9 [12.1-13.7]	286	35.8	8.0 [7.1-9.0]
	45-49	2211	101.7	21.7 [20.9-22.7]	1741	70.8	24.6 [23.5-25.8]	470	30.9	15.2 [13.9-16.6]
	50-54	2681	77.8	34.5 [33.2-35.8]	2242	55.9	40.1 [38.5-41.8]	439	21.8	20.1 [18.3-22.1]
	55-59	2306	44.2	52.2 [50.1-54.4]	1998	32.4	61.6 [59.0-64.4]	308	11.8	26.2 [23.4-29.3]
	60-64	1840	24.7	74.6 [71.2-78.1]	1614	18.7	86.5 [82.3-90.8]	226	6	37.7 [32.9-42.9]
Liver and intrahepatic bile ducts(C22)	25-29	132	121.4	1.1 [0.9-1.3]	96	61	1.6 [1.3-1.9]	36	60.4	0.6 [0.4-0.8]
	30-34	422	127.7	3.3 [3.0-3.6]	360	82.4	4.4 [3.9-4.8]	62	45.2	1.4 [1.1-1.8]
	35-39	1044	130.3	8.0 [7.5-8.5]	980	91.2	10.7 [10.1-11.4]	64	39.2	1.6 [1.3-2.1]
	40-44	2126	115.7	18.4 [17.6-19.2]	1955	79.9	24.5 [23.4-25.6]	171	35.8	4.8 [4.1-5.6]
	45-49	3749	101.6	36.9 [35.7-38.1]	3498	70.8	49.4 [47.8-51.1]	251	30.9	8.1 [7.1-9.2]
	50-54	4685	77.8	60.3 [58.5-62.0]	4380	55.8	78.4 [76.1-80.8]	305	21.9	13.9 [12.4-15.6]
	55-59	3617	44.2	81.9 [79.2-84.6]	3342	32.4	103.1 [99.6-106.7]	275	11.8	23.4 [20.7-26.3]
	60-64	2456	24.7	99.6 [95.7-103.6]	2229	18.7	119.4 [114.5-124.5]	227	6	37.8 [33.1-43.1]

Supplementary Table 1. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Pancrea(C25)	25-29	40	121.4	0.3 [0.2-0.4]	26	61	0.4 [0.3-0.6]	14	60.4	0.2 [0.1-0.4]
	30-34	86	127.7	0.7 [0.5-0.8]	60	82.4	0.7 [0.6-0.9]	26	45.2	0.6 [0.4-0.8]
	35-39	222	130.3	1.7 [1.5-1.9]	176	91.2	1.9 [1.7-2.2]	46	39.2	1.2 [0.9-1.6]
	40-44	390	115.7	3.4 [3.0-3.7]	311	79.9	3.9 [3.5-4.3]	79	35.8	2.2 [1.7-2.8]
	45-49	670	101.7	6.6 [6.1-7.1]	537	70.8	7.6 [7.0-8.3]	133	30.9	4.3 [3.6-5.1]
	50-54	959	77.8	12.3 [11.6-13.1]	783	55.9	14.0 [13.0-15.0]	176	21.9	8.0 [6.9-9.3]
	55-59	941	44.2	21.3 [19.9-22.7]	786	32.5	24.2 [22.5-25.9]	155	11.8	13.2 [11.2-15.4]
	60-64	845	24.8	34.1 [31.9-36.5]	719	18.8	38.3 [35.6-41.3]	126	6	21.0 [17.5-25.0]
Other and ill-defined digestive organs(C17, C23, C24, C26)	25-29	42	121.4	0.3 [0.2-0.5]	30	61	0.5 [0.3-0.7]	12	60.4	0.2 [0.1-0.3]
	30-34	94	127.7	0.7 [0.6-0.9]	65	82.4	0.8 [0.6-1.0]	29	45.2	0.6 [0.4-0.9]
	35-39	239	130.3	1.8 [1.6-2.1]	180	91.2	2.0 [1.7-2.3]	59	39.2	1.5 [1.1-1.9]
	40-44	360	115.7	3.1 [2.8-3.5]	252	79.9	3.2 [2.8-3.6]	108	35.8	3.0 [2.5-3.6]
	45-49	670	101.7	6.6 [6.1-7.1]	516	70.8	7.3 [6.7-7.9]	154	30.9	5.0 [4.2-5.8]
	50-54	986	77.8	12.7 [11.9-13.5]	786	55.9	14.1 [13.1-15.1]	200	21.9	9.1 [7.9-10.5]
	55-59	985	44.2	22.3 [20.9-23.7]	783	32.5	24.1 [22.4-25.8]	202	11.8	17.2 [14.9-19.7]
	60-64	923	24.8	37.3 [34.9-39.8]	770	18.8	41.1 [38.2-44.1]	153	6	25.5 [21.6-29.9]
Larynx(C32)	25-29	7	121.4	0.1 [0.0-0.1]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	9	127.7	0.1 [0.0-0.1]	6	82.4	0.1 [0.0-0.2]	NA	NA	NA [NA-NA]
	35-39	37	130.3	0.3 [0.2-0.4]	34	91.2	0.4 [0.3-0.5]	NA	NA	NA [NA-NA]
	40-44	60	115.7	0.5 [0.4-0.7]	56	79.9	0.7 [0.5-0.9]	NA	NA	NA [NA-NA]
	45-49	147	101.8	1.4 [1.2-1.7]	144	70.8	2.0 [1.7-2.4]	NA	NA	NA [NA-NA]
	50-54	274	77.8	3.5 [3.1-4.0]	268	55.9	4.8 [4.2-5.4]	6	21.9	0.3 [0.1-0.6]
	55-59	324	44.2	7.3 [6.5-8.2]	320	32.5	9.8 [8.8-11.0]	NA	NA	NA [NA-NA]
	60-64	292	24.8	11.8 [10.5-13.2]	290	18.8	15.5 [13.7-17.4]	NA	NA	NA [NA-NA]

Supplementary Table 1. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Trachea, bronchus and lung (C33-C34)	25-29	146	121.4	1.2 [1.0-1.4]	71	61	1.2 [0.9-1.5]	75	60.4	1.2 [1.0-1.6]
	30-34	312	127.7	2.4 [2.2-2.7]	184	82.4	2.2 [1.9-2.6]	128	45.2	2.8 [2.4-3.4]
	35-39	651	130.3	5.0 [4.6-5.4]	455	91.2	5.0 [4.5-5.5]	196	39.2	5.0 [4.3-5.8]
	40-44	1220	115.7	10.5 [10.0-11.2]	875	79.9	10.9 [10.2-11.7]	345	35.8	9.7 [8.7-10.7]
	45-49	2146	101.7	21.1 [20.2-22.0]	1597	70.8	22.6 [21.5-23.7]	549	30.9	17.8 [16.3-19.3]
	50-54	3264	77.8	42.0 [40.6-43.4]	2652	55.9	47.4 [45.6-49.3]	612	21.9	27.9 [25.8-30.2]
	55-59	3670	44.2	83.1 [80.4-85.8]	3188	32.4	98.3 [95.0-101.8]	482	11.8	41.0 [37.4-44.9]
	60-64	3604	24.7	146.1 [141.4-151.0]	3248	18.7	174.0 [168.1-180.1]	356	6	59.3 [53.3-65.8]
Other and ill-defined sites in the respiratory system and intrathoracic organs(C30-C31, C37-C39)	25-29	73	121.4	0.6 [0.5-0.8]	40	61	0.7 [0.5-0.9]	33	60.4	0.5 [0.4-0.8]
	30-34	107	127.7	0.8 [0.7-1.0]	79	82.4	1.0 [0.8-1.2]	28	45.2	0.6 [0.4-0.9]
	35-39	149	130.3	1.1 [1.0-1.3]	108	91.2	1.2 [1.0-1.4]	41	39.2	1.0 [0.8-1.4]
	40-44	179	115.7	1.5 [1.3-1.8]	133	79.9	1.7 [1.4-2.0]	46	35.8	1.3 [0.9-1.7]
	45-49	188	101.8	1.8 [1.6-2.1]	141	70.8	2.0 [1.7-2.3]	47	30.9	1.5 [1.1-2.0]
	50-54	190	77.8	2.4 [2.1-2.8]	152	55.9	2.7 [2.3-3.2]	38	21.9	1.7 [1.2-2.4]
	55-59	168	44.2	3.8 [3.2-4.4]	145	32.5	4.5 [3.8-5.2]	23	11.8	2.0 [1.2-2.9]
	60-64	112	24.8	4.5 [3.7-5.4]	100	18.8	5.3 [4.3-6.5]	12	6	2.0 [1.0-3.5]
Bone and articular cartilage (C40-C41)	25-29	102	121.4	0.8 [0.7-1.0]	51	61	0.8 [0.6-1.1]	51	60.4	0.8 [0.6-1.1]
	30-34	111	127.7	0.9 [0.7-1.0]	82	82.4	1.0 [0.8-1.2]	29	45.2	0.6 [0.4-0.9]
	35-39	108	130.3	0.8 [0.7-1.0]	77	91.2	0.8 [0.7-1.1]	31	39.2	0.8 [0.5-1.1]
	40-44	117	115.7	1.0 [0.8-1.2]	94	79.9	1.2 [1.0-1.4]	23	35.8	0.6 [0.4-1.0]
	45-49	127	101.8	1.2 [1.0-1.5]	93	70.8	1.3 [1.1-1.6]	34	30.9	1.1 [0.8-1.5]
	50-54	117	77.8	1.5 [1.2-1.8]	79	55.9	1.4 [1.1-1.8]	38	21.9	1.7 [1.2-2.4]
	55-59	79	44.2	1.8 [1.4-2.2]	64	32.5	2.0 [1.5-2.5]	15	11.8	1.3 [0.7-2.1]
	60-64	65	24.8	2.6 [2.0-3.3]	58	18.8	3.1 [2.3-4.0]	7	6	1.2 [0.5-2.4]

Supplementary Table 1. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Melanoma(C43)	25-29	29	121.4	0.2 [0.2-0.3]	13	61	0.2 [0.1-0.4]	16	60.4	0.3 [0.2-0.4]
	30-34	46	127.7	0.4 [0.3-0.5]	31	82.4	0.4 [0.3-0.5]	15	45.2	0.3 [0.2-0.5]
	35-39	66	130.3	0.5 [0.4-0.6]	49	91.2	0.5 [0.4-0.7]	17	39.2	0.4 [0.3-0.7]
	40-44	87	115.7	0.8 [0.6-0.9]	58	79.9	0.7 [0.6-0.9]	29	35.8	0.8 [0.5-1.2]
	45-49	93	101.8	0.9 [0.7-1.1]	73	70.8	1.0 [0.8-1.3]	20	30.9	0.6 [0.4-1.0]
	50-54	124	77.8	1.6 [1.3-1.9]	83	55.9	1.5 [1.2-1.8]	41	21.9	1.9 [1.3-2.5]
	55-59	111	44.2	2.5 [2.1-3.0]	86	32.5	2.6 [2.1-3.3]	25	11.8	2.1 [1.4-3.1]
	60-64	56	24.8	2.3 [1.7-2.9]	48	18.8	2.6 [1.9-3.4]	8	6	1.3 [0.6-2.6]
Other malignant neoplasms of skin(C44)	25-29	72	121.4	0.6 [0.5-0.7]	39	61	0.6 [0.5-0.9]	33	60.4	0.5 [0.4-0.8]
	30-34	109	127.7	0.9 [0.7-1.0]	72	82.4	0.9 [0.7-1.1]	37	45.2	0.8 [0.6-1.1]
	35-39	149	130.3	1.1 [1.0-1.3]	111	91.2	1.2 [1.0-1.5]	38	39.2	1.0 [0.7-1.3]
	40-44	191	115.7	1.7 [1.4-1.9]	141	79.9	1.8 [1.5-2.1]	50	35.8	1.4 [1.0-1.8]
	45-49	272	101.7	2.7 [2.4-3.0]	206	70.8	2.9 [2.5-3.3]	66	30.9	2.1 [1.7-2.7]
	50-54	334	77.8	4.3 [3.8-4.8]	253	55.9	4.5 [4.0-5.1]	81	21.9	3.7 [2.9-4.6]
	55-59	303	44.2	6.8 [6.1-7.7]	241	32.5	7.4 [6.5-8.4]	62	11.8	5.3 [4.0-6.8]
	60-64	250	24.8	10.1 [8.9-11.4]	203	18.8	10.8 [9.4-12.4]	47	6	7.8 [5.8-10.4]
Mesothelial and soft tissue (C45-C49)	25-29	162	121.4	1.3 [1.1-1.6]	80	61	1.3 [1.0-1.6]	82	60.4	1.4 [1.1-1.7]
	30-34	204	127.7	1.6 [1.4-1.8]	130	82.4	1.6 [1.3-1.9]	74	45.2	1.6 [1.3-2.1]
	35-39	260	130.3	2.0 [1.8-2.3]	174	91.2	1.9 [1.6-2.2]	86	39.2	2.2 [1.8-2.7]
	40-44	255	115.7	2.2 [1.9-2.5]	179	79.9	2.2 [1.9-2.6]	76	35.8	2.1 [1.7-2.7]
	45-49	361	101.7	3.6 [3.2-3.9]	229	70.8	3.2 [2.8-3.7]	132	30.9	4.3 [3.6-5.1]
	50-54	376	77.8	4.8 [4.4-5.3]	266	55.9	4.8 [4.2-5.4]	110	21.9	5.0 [4.1-6.0]
	55-59	262	44.2	5.9 [5.2-6.7]	186	32.5	5.7 [4.9-6.6]	76	11.8	6.5 [5.1-8.1]
	60-64	194	24.8	7.8 [6.8-9.0]	145	18.8	7.7 [6.5-9.1]	49	6	8.2 [6.0-10.8]

Supplementary Table 1. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Breast(C50)	25-29	1036	121.4	8.5 [8.0-9.1]	NA	NA	NA [NA-NA]	1033	60.4	17.1 [16.1-18.2]
	30-34	1981	127.6	15.5 [14.9-16.2]	8	82.4	0.1 [0.0-0.2]	1973	45.2	43.6 [41.7-45.6]
	35-39	3586	130.2	27.5 [26.6-28.4]	9	91.2	0.1 [0.0-0.2]	3577	39	91.7 [88.7-94.8]
	40-44	4868	115.5	42.1 [41.0-43.3]	13	79.9	0.2 [0.1-0.3]	4855	35.6	136.4 [132.6-140.3]
	45-49	4558	101.5	44.9 [43.6-46.2]	22	70.8	0.3 [0.2-0.5]	4536	30.8	147.5 [143.3-151.9]
	50-54	2801	77.8	36.0 [34.7-37.4]	28	55.9	0.5 [0.3-0.7]	2773	21.8	127.5 [122.8-132.3]
	55-59	1329	44.2	30.0 [28.4-31.7]	26	32.5	0.8 [0.5-1.2]	1303	11.8	110.9 [105.0-117.1]
	60-64	634	24.7	25.7 [23.7-27.8]	17	18.8	0.9 [0.5-1.5]	617	6	102.8 [94.9-111.3]
Cervix uteri (C53)	25-29	355	121.4	2.9 [2.6-3.2]	NA	NA	NA [NA-NA]	355	60.4	5.9 [5.3-6.5]
	30-34	405	127.7	3.2 [2.9-3.5]	NA	NA	NA [NA-NA]	405	45.2	9.0 [8.1-9.9]
	35-39	489	130.3	3.8 [3.4-4.1]	NA	NA	NA [NA-NA]	489	39.1	12.5 [11.4-13.7]
	40-44	578	115.7	5.0 [4.6-5.4]	NA	NA	NA [NA-NA]	578	35.8	16.2 [14.9-17.5]
	45-49	520	101.7	5.1 [4.7-5.6]	NA	NA	NA [NA-NA]	520	30.9	16.8 [15.4-18.3]
	50-54	408	77.8	5.2 [4.7-5.8]	NA	NA	NA [NA-NA]	408	21.8	18.7 [16.9-20.6]
	55-59	198	44.2	4.5 [3.9-5.1]	NA	NA	NA [NA-NA]	198	11.8	16.9 [14.6-19.4]
	60-64	120	24.8	4.8 [4.0-5.8]	NA	NA	NA [NA-NA]	120	6	20.0 [16.6-23.9]
Other and part unspecified of uterus (C54-C55)	25-29	137	121.4	1.1 [0.9-1.3]	NA	NA	NA [NA-NA]	137	60.4	2.3 [1.9-2.7]
	30-34	198	127.7	1.6 [1.3-1.8]	NA	NA	NA [NA-NA]	198	45.2	4.4 [3.8-5.0]
	35-39	283	130.3	2.2 [1.9-2.4]	NA	NA	NA [NA-NA]	283	39.1	7.2 [6.4-8.1]
	40-44	380	115.7	3.3 [3.0-3.6]	NA	NA	NA [NA-NA]	380	35.8	10.6 [9.6-11.8]
	45-49	525	101.7	5.2 [4.7-5.6]	NA	NA	NA [NA-NA]	525	30.9	17.0 [15.6-18.5]
	50-54	457	77.8	5.9 [5.3-6.4]	NA	NA	NA [NA-NA]	457	21.9	20.9 [19.0-22.9]
	55-59	216	44.2	4.9 [4.3-5.6]	NA	NA	NA [NA-NA]	216	11.8	18.4 [16.0-21.0]
	60-64	79	24.8	3.2 [2.5-4.0]	NA	NA	NA [NA-NA]	79	6	13.2 [10.4-16.4]

Supplementary Table 1. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
other and unspecified female genital organs (C51–C52, C56–C58)	25–29	247	121.4	2.0 [1.8–2.3]	NA	NA	NA [NA–NA]	247	60.4	4.1 [3.6–4.6]
	30–34	266	127.7	2.1 [1.8–2.3]	NA	NA	NA [NA–NA]	266	45.2	5.9 [5.2–6.6]
	35–39	334	130.3	2.6 [2.3–2.9]	NA	NA	NA [NA–NA]	334	39.1	8.5 [7.7–9.5]
	40–44	454	115.7	3.9 [3.6–4.3]	NA	NA	NA [NA–NA]	454	35.8	12.7 [11.6–13.9]
	45–49	544	101.7	5.4 [4.9–5.8]	NA	NA	NA [NA–NA]	544	30.9	17.6 [16.1–19.1]
	50–54	380	77.8	4.9 [4.4–5.4]	NA	NA	NA [NA–NA]	380	21.9	17.3 [15.6–19.2]
	55–59	245	44.2	5.5 [4.9–6.3]	NA	NA	NA [NA–NA]	245	11.8	20.9 [18.3–23.6]
	60–64	95	24.8	3.8 [3.1–4.7]	NA	NA	NA [NA–NA]	95	6	15.8 [12.8–19.4]
Prostate(C61)	25–29	8	121.4	0.1 [0.0–0.1]	8	61	0.1 [0.1–0.3]	NA	NA	NA [NA–NA]
	30–34	16	127.7	0.1 [0.1–0.2]	16	82.4	0.2 [0.1–0.3]	NA	NA	NA [NA–NA]
	35–39	37	130.3	0.3 [0.2–0.4]	37	91.2	0.4 [0.3–0.6]	NA	NA	NA [NA–NA]
	40–44	184	115.7	1.6 [1.4–1.8]	184	79.9	2.3 [2.0–2.7]	NA	NA	NA [NA–NA]
	45–49	623	101.7	6.1 [5.7–6.6]	623	70.8	8.8 [8.1–9.5]	NA	NA	NA [NA–NA]
	50–54	1608	77.8	20.7 [19.7–21.7]	1608	55.9	28.8 [27.4–30.2]	NA	NA	NA [NA–NA]
	55–59	2336	44.2	52.9 [50.8–55.1]	2336	32.4	72.1 [69.2–75.0]	NA	NA	NA [NA–NA]
	60–64	2622	24.7	106.3 [102.3–110.4]	2622	18.7	140.5 [135.1–145.9]	NA	NA	NA [NA–NA]
Other and unspecified male genital organs (C60, C62–C63)	25–29	129	121.4	1.1 [0.9–1.3]	129	61	2.1 [1.8–2.5]	NA	NA	NA [NA–NA]
	30–34	135	127.7	1.1 [0.9–1.3]	135	82.4	1.6 [1.4–1.9]	NA	NA	NA [NA–NA]
	35–39	89	130.3	0.7 [0.5–0.8]	89	91.2	1.0 [0.8–1.2]	NA	NA	NA [NA–NA]
	40–44	64	115.7	0.6 [0.4–0.7]	64	79.9	0.8 [0.6–1.0]	NA	NA	NA [NA–NA]
	45–49	55	101.8	0.5 [0.4–0.7]	55	70.8	0.8 [0.6–1.0]	NA	NA	NA [NA–NA]
	50–54	47	77.8	0.6 [0.4–0.8]	47	55.9	0.8 [0.6–1.1]	NA	NA	NA [NA–NA]
	55–59	38	44.2	0.9 [0.6–1.2]	38	32.5	1.2 [0.8–1.6]	NA	NA	NA [NA–NA]
	60–64	33	24.8	1.3 [0.9–1.9]	33	18.8	1.8 [1.2–2.5]	NA	NA	NA [NA–NA]



Supplementary Table 1. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Bladder(C64)	25-29	55	121.4	0.5 [0.3-0.6]	39	61	0.6 [0.5-0.9]	16	60.4	0.3 [0.2-0.4]
	30-34	130	127.7	1.0 [0.9-1.2]	119	82.4	1.4 [1.2-1.7]	11	45.2	0.2 [0.1-0.4]
	35-39	279	130.3	2.1 [1.9-2.4]	248	91.2	2.7 [2.4-3.1]	31	39.2	0.8 [0.5-1.1]
	40-44	383	115.7	3.3 [3.0-3.7]	356	79.9	4.5 [4.0-4.9]	27	35.8	0.8 [0.5-1.1]
	45-49	624	101.7	6.1 [5.7-6.6]	581	70.8	8.2 [7.6-8.9]	43	30.9	1.4 [1.0-1.9]
	50-54	1011	77.8	13.0 [12.2-13.8]	945	55.9	16.9 [15.8-18.0]	66	21.9	3.0 [2.3-3.8]
	55-59	1014	44.2	22.9 [21.5-24.4]	960	32.5	29.5 [27.7-31.5]	54	11.8	4.6 [3.5-6.0]
	60-64	994	24.7	40.3 [37.8-42.9]	930	18.7	49.8 [46.7-53.1]	64	6	10.7 [8.2-13.6]
Other and unspecified urinary organs (C64-C66,C68)	25-29	192	121.4	1.6 [1.4-1.8]	131	61	2.1 [1.8-2.5]	61	60.4	1.0 [0.8-1.3]
	30-34	481	127.7	3.8 [3.4-4.1]	389	82.4	4.7 [4.3-5.2]	92	45.2	2.0 [1.6-2.5]
	35-39	755	130.3	5.8 [5.4-6.2]	644	91.2	7.1 [6.5-7.6]	111	39.2	2.8 [2.3-3.4]
	40-44	1050	115.7	9.1 [8.5-9.6]	916	79.9	11.5 [10.7-12.2]	134	35.8	3.7 [3.1-4.4]
	45-49	1244	101.7	12.2 [11.6-12.9]	1076	70.8	15.2 [14.3-16.1]	168	30.9	5.4 [4.6-6.3]
	50-54	1464	77.8	18.8 [17.9-19.8]	1316	55.9	23.5 [22.3-24.8]	148	21.9	6.8 [5.7-7.9]
	55-59	1149	44.2	26.0 [24.5-27.5]	1028	32.5	31.6 [29.7-33.6]	121	11.8	10.3 [8.5-12.3]
	60-64	813	24.7	33.0 [30.7-35.3]	740	18.7	39.6 [36.8-42.6]	73	6	12.2 [9.5-15.3]
Eye and adnexa(C69)	25-29	7	121.4	0.1 [0.0-0.1]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	5	127.7	0.0 [0.0-0.1]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	14	130.3	0.1 [0.1-0.2]	10	91.2	0.1 [0.1-0.2]	NA	NA	NA [NA-NA]
	40-44	14	115.7	0.1 [0.1-0.2]	9	79.9	0.1 [0.1-0.2]	NA	NA	NA [NA-NA]
	45-49	25	101.8	0.2 [0.2-0.4]	20	70.8	0.3 [0.2-0.4]	NA	NA	NA [NA-NA]
	50-54	23	77.8	0.3 [0.2-0.4]	19	55.9	0.3 [0.2-0.5]	NA	NA	NA [NA-NA]
	55-59	12	44.2	0.3 [0.1-0.5]	11	32.5	0.3 [0.2-0.6]	NA	NA	NA [NA-NA]
	60-64	8	24.8	0.3 [0.1-0.6]	6	18.8	0.3 [0.1-0.7]	NA	NA	NA [NA-NA]

Supplementary Table 1. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Brain(C71)	25-29	178	121.4	1.5 [1.3-1.7]	104	61	1.7 [1.4-2.1]	74	60.4	1.2 [1.0-1.5]
	30-34	257	127.7	2.0 [1.8-2.3]	168	82.4	2.0 [1.7-2.4]	89	45.2	2.0 [1.6-2.4]
	35-39	332	130.3	2.5 [2.3-2.8]	238	91.2	2.6 [2.3-3.0]	94	39.2	2.4 [1.9-2.9]
	40-44	349	115.7	3.0 [2.7-3.4]	254	79.9	3.2 [2.8-3.6]	95	35.8	2.7 [2.1-3.2]
	45-49	367	101.7	3.6 [3.2-4.0]	269	70.8	3.8 [3.4-4.3]	98	30.9	3.2 [2.6-3.9]
	50-54	360	77.8	4.6 [4.2-5.1]	269	55.9	4.8 [4.3-5.4]	91	21.9	4.2 [3.3-5.1]
	55-59	296	44.2	6.7 [5.9-7.5]	235	32.5	7.2 [6.3-8.2]	61	11.8	5.2 [4.0-6.7]
	60-64	222	24.8	9.0 [7.8-10.2]	176	18.8	9.4 [8.1-10.9]	46	6	7.7 [5.6-10.2]
Spinal cord, cranial nerves, meninges and other parts of central nervous system (C70,C72)	25-29	30	121.4	0.2 [0.2-0.4]	9	61	0.1 [0.1-0.3]	21	60.4	0.3 [0.2-0.5]
	30-34	47	127.7	0.4 [0.3-0.5]	31	82.4	0.4 [0.3-0.5]	16	45.2	0.4 [0.2-0.6]
	35-39	59	130.3	0.5 [0.3-0.6]	43	91.2	0.5 [0.3-0.6]	16	39.2	0.4 [0.2-0.7]
	40-44	66	115.7	0.6 [0.4-0.7]	45	79.9	0.6 [0.4-0.8]	21	35.8	0.6 [0.4-0.9]
	45-49	49	101.8	0.5 [0.4-0.6]	29	70.8	0.4 [0.3-0.6]	20	30.9	0.6 [0.4-1.0]
	50-54	68	77.8	0.9 [0.7-1.1]	45	55.9	0.8 [0.6-1.1]	23	21.9	1.0 [0.7-1.6]
	55-59	41	44.2	0.9 [0.7-1.3]	36	32.5	1.1 [0.8-1.5]	NA	NA	NA [NA-NA]
	60-64	25	24.8	1.0 [0.7-1.5]	17	18.8	0.9 [0.5-1.5]	8	6	1.3 [0.6-2.6]
Other ill-defined, unspecified, secondary malignant neoplasms (C73-C80, C97)	25-29	7624	121.2	62.9 [61.5-64.4]	1657	61	27.2 [25.9-28.5]	5967	60.2	99.0 [96.5-101.6]
	30-34	10416	127.2	81.9 [80.3-83.4]	3597	82.2	43.7 [42.3-45.2]	6819	45	151.5 [148.0-155.2]
	35-39	12455	129.8	95.9 [94.3-97.6]	5192	91	57.1 [55.5-58.6]	7263	38.8	187.0 [182.8-191.4]
	40-44	12129	115.2	105.3 [103.5-107.2]	4989	79.8	62.6 [60.8-64.3]	7140	35.4	201.6 [197.0-206.3]
	45-49	12257	101.2	121.1 [118.9-123.2]	5061	70.6	71.7 [69.7-73.7]	7196	30.6	235.3 [229.9-240.8]
	50-54	9849	77.5	127.1 [124.6-129.6]	4741	55.8	85.0 [82.6-87.5]	5108	21.7	235.8 [229.3-242.3]
	55-59	5436	44.1	123.3 [120.1-126.6]	2991	32.4	92.3 [89.0-95.6]	2445	11.7	209.6 [201.3-218.0]
	60-64	2948	24.7	119.5 [115.2-123.9]	1902	18.7	101.9 [97.4-106.6]	1046	5.9	176.8 [166.2-187.8]

Supplementary Table 1. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Hodgkin lymphoma(C81)	25-29	60	121.4	0.5 [0.4-0.6]	34	61	0.6 [0.4-0.8]	26	60.4	0.4 [0.3-0.6]
	30-34	62	127.7	0.5 [0.4-0.6]	39	82.4	0.5 [0.3-0.6]	23	45.2	0.5 [0.3-0.8]
	35-39	54	130.3	0.4 [0.3-0.5]	42	91.2	0.5 [0.3-0.6]	12	39.2	0.3 [0.2-0.5]
	40-44	39	115.7	0.3 [0.2-0.5]	30	79.9	0.4 [0.3-0.5]	9	35.8	0.3 [0.1-0.5]
	45-49	58	101.8	0.6 [0.4-0.7]	56	70.8	0.8 [0.6-1.0]	NA	NA	NA [NA-NA]
	50-54	56	77.8	0.7 [0.5-0.9]	50	55.9	0.9 [0.7-1.2]	6	21.9	0.3 [0.1-0.6]
	55-59	29	44.2	0.7 [0.4-0.9]	25	32.5	0.8 [0.5-1.1]	NA	NA	NA [NA-NA]
	60-64	24	24.8	1.0 [0.6-1.4]	23	18.8	1.2 [0.8-1.8]	NA	NA	NA [NA-NA]
Non-Hodgkin lymphoma (C82-85)	25-29	294	121.4	2.4 [2.2-2.7]	167	61	2.7 [2.3-3.2]	127	60.4	2.1 [1.8-2.5]
	30-34	365	127.7	2.9 [2.6-3.2]	254	82.4	3.1 [2.7-3.5]	111	45.2	2.5 [2.0-3.0]
	35-39	491	130.3	3.8 [3.4-4.1]	374	91.2	4.1 [3.7-4.5]	117	39.2	3.0 [2.5-3.6]
	40-44	687	115.7	5.9 [5.5-6.4]	502	79.9	6.3 [5.7-6.9]	185	35.8	5.2 [4.5-6.0]
	45-49	768	101.7	7.6 [7.0-8.1]	594	70.8	8.4 [7.7-9.1]	174	30.9	5.6 [4.8-6.5]
	50-54	856	77.8	11.0 [10.3-11.8]	669	55.9	12.0 [11.1-12.9]	187	21.9	8.5 [7.4-9.8]
	55-59	646	44.2	14.6 [13.5-15.8]	522	32.5	16.1 [14.7-17.5]	124	11.8	10.6 [8.8-12.6]
	60-64	486	24.8	19.6 [17.9-21.5]	420	18.8	22.4 [20.3-24.6]	66	6	11.0 [8.5-14.0]
Leukemia (C91-C95)	25-29	310	121.4	2.6 [2.3-2.9]	171	61	2.8 [2.4-3.3]	139	60.4	2.3 [1.9-2.7]
	30-34	387	127.7	3.0 [2.7-3.3]	279	82.4	3.4 [3.0-3.8]	108	45.2	2.4 [2.0-2.9]
	35-39	443	130.3	3.4 [3.1-3.7]	327	91.2	3.6 [3.2-4.0]	116	39.2	3.0 [2.4-3.6]
	40-44	468	115.7	4.0 [3.7-4.4]	359	79.9	4.5 [4.0-5.0]	109	35.8	3.0 [2.5-3.7]
	45-49	530	101.7	5.2 [4.8-5.7]	372	70.8	5.3 [4.7-5.8]	158	30.9	5.1 [4.3-6.0]
	50-54	485	77.8	6.2 [5.7-6.8]	373	55.9	6.7 [6.0-7.4]	112	21.9	5.1 [4.2-6.1]
	55-59	369	44.2	8.3 [7.5-9.2]	294	32.5	9.0 [8.0-10.1]	75	11.8	6.4 [5.0-8.0]
	60-64	283	24.8	11.4 [10.1-12.8]	240	18.8	12.8 [11.2-14.5]	43	6	7.2 [5.2-9.7]

Supplementary Table 1. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C88-C90,C96)	25-29	57	121.4	0.5 [0.4-0.6]	28	61	0.5 [0.3-0.7]	29	60.4	0.5 [0.3-0.7]
	30-34	95	127.7	0.7 [0.6-0.9]	75	82.4	0.9 [0.7-1.1]	20	45.2	0.4 [0.3-0.7]
	35-39	144	130.3	1.1 [0.9-1.3]	96	91.2	1.1 [0.9-1.3]	48	39.2	1.2 [0.9-1.6]
	40-44	232	115.7	2.0 [1.8-2.3]	170	79.9	2.1 [1.8-2.5]	62	35.8	1.7 [1.3-2.2]
	45-49	320	101.7	3.1 [2.8-3.5]	247	70.8	3.5 [3.1-4.0]	73	30.9	2.4 [1.9-3.0]
	50-54	412	77.8	5.3 [4.8-5.8]	327	55.9	5.8 [5.2-6.5]	85	21.9	3.9 [3.1-4.8]
	55-59	360	44.2	8.1 [7.3-9.0]	281	32.5	8.6 [7.7-9.7]	79	11.8	6.7 [5.3-8.4]
	60-64	280	24.8	11.3 [10.0-12.7]	225	18.8	12.0 [10.5-13.7]	55	6	9.2 [6.9-11.9]
Carcinoma in situ of cervix uteri (D06)	25-29	1307	121.4	10.8 [10.2-11.4]	NA	NA	NA [NA-NA]	1307	60.4	21.6 [20.5-22.8]
	30-34	1054	127.7	8.3 [7.8-8.8]	NA	NA	NA [NA-NA]	1054	45.2	23.3 [21.9-24.7]
	35-39	1088	130.3	8.3 [7.9-8.9]	NA	NA	NA [NA-NA]	1088	39.1	27.8 [26.2-29.5]
	40-44	1062	115.7	9.2 [8.6-9.8]	NA	NA	NA [NA-NA]	1062	35.7	29.8 [28.0-31.6]
	45-49	619	101.7	6.1 [5.6-6.6]	NA	NA	NA [NA-NA]	619	30.9	20.0 [18.5-21.7]
	50-54	330	77.8	4.2 [3.8-4.7]	NA	NA	NA [NA-NA]	330	21.9	15.1 [13.5-16.8]
	55-59	172	44.2	3.9 [3.3-4.5]	NA	NA	NA [NA-NA]	172	11.8	14.6 [12.5-17.0]
	60-64	123	24.8	5.0 [4.1-5.9]	NA	NA	NA [NA-NA]	123	6	20.5 [17.0-24.5]
Benign neoplasm of skin (D22-D23)	25-29	684	121.4	5.6 [5.2-6.1]	393	61	6.4 [5.8-7.1]	291	60.4	4.8 [4.3-5.4]
	30-34	758	127.7	5.9 [5.5-6.4]	525	82.3	6.4 [5.8-6.9]	233	45.2	5.1 [4.5-5.9]
	35-39	778	130.3	6.0 [5.6-6.4]	573	91.2	6.3 [5.8-6.8]	205	39.1	5.2 [4.6-6.0]
	40-44	739	115.7	6.4 [5.9-6.9]	549	79.9	6.9 [6.3-7.5]	190	35.8	5.3 [4.6-6.1]
	45-49	757	101.7	7.4 [6.9-8.0]	534	70.8	7.5 [6.9-8.2]	223	30.9	7.2 [6.3-8.2]
	50-54	614	77.8	7.9 [7.3-8.5]	457	55.9	8.2 [7.4-9.0]	157	21.9	7.2 [6.1-8.4]
	55-59	345	44.2	7.8 [7.0-8.7]	276	32.5	8.5 [7.5-9.6]	69	11.8	5.9 [4.6-7.4]
	60-64	180	24.8	7.3 [6.2-8.4]	146	18.8	7.8 [6.6-9.2]	34	6	5.7 [3.9-7.9]

Supplementary Table 1. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Benign neoplasm of breast (D24)	25-29	7999	121.2	66.0 [64.6-67.5]	18	61	0.3 [0.2-0.5]	7981	60.2	132.6 [129.8-135.6]
	30-34	7030	127.4	55.2 [53.9-56.5]	18	82.4	0.2 [0.1-0.3]	7012	45	155.8 [152.2-159.5]
	35-39	7904	130.1	60.8 [59.4-62.1]	20	91.2	0.2 [0.1-0.3]	7884	38.8	203.0 [198.6-207.6]
	40-44	6854	115.4	59.4 [58.0-60.8]	12	79.9	0.2 [0.1-0.3]	6842	35.5	192.7 [188.2-197.4]
	45-49	4073	101.5	40.1 [38.9-41.4]	24	70.8	0.3 [0.2-0.5]	4049	30.8	131.7 [127.6-135.8]
	50-54	1458	77.8	18.8 [17.8-19.7]	23	55.9	0.4 [0.3-0.6]	1435	21.8	65.7 [62.4-69.2]
	55-59	430	44.2	9.7 [8.8-10.7]	8	32.5	0.2 [0.1-0.5]	422	11.8	35.9 [32.6-39.5]
	60-64	129	24.8	5.2 [4.4-6.2]	8	18.8	0.4 [0.2-0.8]	121	6	20.2 [16.7-24.1]
Leiomyoma of uterus (D25)	25-29	9042	121.2	74.6 [73.1-76.2]	NA	NA	NA [NA-NA]	9042	60.2	150.3 [147.2-153.4]
	30-34	11640	127.2	91.5 [89.8-93.2]	NA	NA	NA [NA-NA]	11640	44.8	259.6 [254.9-264.4]
	35-39	17879	129.8	137.8 [135.8-139.8]	NA	NA	NA [NA-NA]	17879	38.5	464.4 [457.6-471.2]
	40-44	22729	114.8	198.1 [195.5-200.7]	NA	NA	NA [NA-NA]	22729	34.8	652.5 [644.1-661.0]
	45-49	13646	101	135.1 [132.9-137.4]	NA	NA	NA [NA-NA]	13646	30.2	452.4 [444.8-460.0]
	50-54	3191	77.7	41.1 [39.7-42.5]	NA	NA	NA [NA-NA]	3191	21.7	147.3 [142.2-152.5]
	55-59	565	44.2	12.8 [11.7-13.9]	NA	NA	NA [NA-NA]	565	11.8	48.1 [44.2-52.2]
	60-64	189	24.8	7.6 [6.6-8.8]	NA	NA	NA [NA-NA]	189	6	31.5 [27.2-36.3]
Benign neoplasm of ovary (D27)	25-29	8449	121.1	69.8 [68.3-71.3]	NA	NA	NA [NA-NA]	8449	60.1	140.6 [137.6-143.7]
	30-34	5103	127.4	40.0 [39.0-41.2]	NA	NA	NA [NA-NA]	5103	45.1	113.2 [110.1-116.3]
	35-39	3740	130.2	28.7 [27.8-29.7]	NA	NA	NA [NA-NA]	3740	39	95.9 [92.8-99.0]
	40-44	2731	115.6	23.6 [22.8-24.5]	NA	NA	NA [NA-NA]	2731	35.6	76.7 [73.9-79.7]
	45-49	1779	101.7	17.5 [16.7-18.3]	NA	NA	NA [NA-NA]	1779	30.8	57.7 [55.0-60.4]
	50-54	933	77.8	12.0 [11.2-12.8]	NA	NA	NA [NA-NA]	933	21.8	42.7 [40.0-45.6]
	55-59	352	44.2	8.0 [7.1-8.8]	NA	NA	NA [NA-NA]	352	11.8	30.0 [26.9-33.3]
	60-64	169	24.8	6.8 [5.8-7.9]	NA	NA	NA [NA-NA]	169	6	28.2 [24.1-32.7]

Supplementary Table 1. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Benign neoplasm of urinary organs (D30)	25-29	130	121.4	1.1 [0.9-1.3]	60	61	1.0 [0.8-1.3]	70	60.4	1.2 [0.9-1.5]
	30-34	192	127.7	1.5 [1.3-1.7]	126	82.4	1.5 [1.3-1.8]	66	45.2	1.5 [1.1-1.9]
	35-39	233	130.3	1.8 [1.6-2.0]	165	91.2	1.8 [1.5-2.1]	68	39.2	1.7 [1.3-2.2]
	40-44	248	115.7	2.1 [1.9-2.4]	169	79.9	2.1 [1.8-2.5]	79	35.8	2.2 [1.7-2.8]
	45-49	307	101.7	3.0 [2.7-3.4]	219	70.8	3.1 [2.7-3.5]	88	30.9	2.8 [2.3-3.5]
	50-54	395	77.8	5.1 [4.6-5.6]	302	55.9	5.4 [4.8-6.0]	93	21.9	4.2 [3.4-5.2]
	55-59	265	44.2	6.0 [5.3-6.8]	221	32.5	6.8 [5.9-7.8]	44	11.8	3.7 [2.7-5.0]
	60-64	156	24.8	6.3 [5.4-7.4]	133	18.8	7.1 [5.9-8.4]	23	6	3.8 [2.4-5.8]
Benign neoplasm of brain and other parts of central nervous system (D33)	25-29	296	121.4	2.4 [2.2-2.7]	150	61	2.5 [2.1-2.9]	146	60.4	2.4 [2.0-2.8]
	30-34	420	127.7	3.3 [3.0-3.6]	261	82.4	3.2 [2.8-3.6]	159	45.2	3.5 [3.0-4.1]
	35-39	498	130.3	3.8 [3.5-4.2]	338	91.2	3.7 [3.3-4.1]	160	39.2	4.1 [3.5-4.8]
	40-44	542	115.7	4.7 [4.3-5.1]	348	79.9	4.4 [3.9-4.8]	194	35.8	5.4 [4.7-6.2]
	45-49	611	101.7	6.0 [5.5-6.5]	372	70.8	5.3 [4.7-5.8]	239	30.9	7.7 [6.8-8.8]
	50-54	582	77.8	7.5 [6.9-8.1]	369	55.9	6.6 [5.9-7.3]	213	21.9	9.7 [8.5-11.1]
	55-59	299	44.2	6.8 [6.0-7.6]	202	32.5	6.2 [5.4-7.1]	97	11.8	8.3 [6.7-10.1]
	60-64	194	24.8	7.8 [6.8-9.0]	151	18.8	8.1 [6.8-9.4]	43	6	7.2 [5.2-9.7]
Other intraepithelial, benign neoplasms and neoplasms of unknown and unknown behavior (D00-D05,D07-D2 1,D26,D28-D29,D 31-D32,D34-D48)	25-29	12056	121	99.6 [97.9-101.4]	5656	60.8	93.0 [90.6-95.4]	6400	60.2	106.4 [103.8-109.0]
	30-34	16134	127.1	127.0 [125.0-128.9]	10123	82	123.5 [121.1-125.9]	6011	45.1	133.3 [130.0-136.7]
	35-39	21937	129.6	169.3 [167.1-171.5]	14885	90.7	164.2 [161.5-166.8]	7052	38.8	181.6 [177.4-185.9]
	40-44	25426	114.8	221.6 [218.9-224.3]	17042	79.3	214.8 [211.6-218.1]	8384	35.4	236.7 [231.7-241.8]
	45-49	31278	100.5	311.2 [307.8-314.7]	22019	70	314.6 [310.4-318.7]	9259	30.6	302.7 [296.6-309.0]
	50-54	30951	76.6	404.1 [399.7-408.7]	23395	55	425.4 [419.9-430.8]	7556	21.6	350.1 [342.2-358.1]
	55-59	20577	43.4	473.9 [467.5-480.5]	16315	31.8	512.5 [504.7-520.4]	4262	11.6	367.9 [357.0-379.2]
	60-64	13272	24.2	549.2 [539.9-558.6]	10963	18.2	600.7 [589.5-612.1]	2309	5.9	390.3 [374.5-406.5]

**Supplementary Table 2.** Number of cases, observations, and incidence rate by each cancer site among public officials based on baseline cohort design [CI: confidence interval]

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Lip, oral cavity and pharynx (C00-C14)	25-29	8	5	1.6 [0.7-3.2]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	7	7.7	0.9 [0.4-1.9]	NA	NA	NA [NA-NA]	6	5.1	1.2 [0.4-2.6]
	35-39	16	7.8	2.0 [1.2-3.3]	6	3.2	1.8 [0.7-4.0]	10	4.5	2.2 [1.1-4.1]
	40-44	27	7.8	3.5 [2.3-5.1]	20	3.9	5.1 [3.1-7.9]	7	3.8	1.8 [0.7-3.8]
	45-49	48	7.9	6.1 [4.5-8.0]	38	4.7	8.1 [5.8-11.2]	10	3.2	3.1 [1.5-5.7]
	50-54	68	6.2	10.9 [8.4-13.8]	57	4.5	12.7 [9.6-16.4]	11	1.8	6.3 [3.1-11.2]
	55-59	39	3.7	10.6 [7.6-14.5]	35	2.8	12.7 [8.9-17.7]	NA	NA	NA [NA-NA]
	60-64	15	1.1	13.8 [7.7-22.8]	13	0.8	15.6 [8.3-26.7]	NA	NA	NA [NA-NA]
Oesophagus(C15)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	45-49	10	7.9	1.3 [0.6-2.3]	9	4.7	1.9 [0.9-3.7]	NA	NA	NA [NA-NA]
	50-54	45	6.2	7.2 [5.3-9.6]	45	4.5	10.0 [7.3-13.4]	NA	NA	NA [NA-NA]
	55-59	43	3.7	11.7 [8.5-15.8]	42	2.8	15.3 [11.0-20.6]	NA	NA	NA [NA-NA]
	60-64	20	1.1	18.5 [11.3-28.5]	18	0.8	21.6 [12.8-34.1]	NA	NA	NA [NA-NA]
Gastric(C16)	25-29	23	5	4.6 [2.9-6.9]	NA	NA	NA [NA-NA]	19	4	4.8 [2.9-7.4]
	30-34	82	7.7	10.7 [8.5-13.3]	26	2.6	10.1 [6.6-14.7]	56	5.1	11.0 [8.3-14.3]
	35-39	150	7.8	19.4 [16.4-22.7]	63	3.2	19.4 [14.9-24.8]	87	4.5	19.3 [15.5-23.8]
	40-44	280	7.8	36.1 [32.0-40.6]	153	3.9	39.1 [33.1-45.8]	127	3.8	33.1 [27.6-39.4]
	45-49	427	7.9	53.9 [48.9-59.3]	328	4.7	70.3 [62.9-78.3]	99	3.2	30.5 [24.8-37.1]
	50-54	577	6.2	92.3 [84.9-100.2]	505	4.5	112.2 [102.6-122.5]	72	1.8	41.1 [32.2-51.8]
	55-59	511	3.7	139.4 [127.5-152.0]	447	2.7	167.6 [152.4-183.9]	64	1	64.0 [49.3-81.7]
	60-64	218	1.1	201.2 [175.4-229.8]	194	0.8	232.8 [201.2-268.0]	24	0.2	96.0 [61.5-142.8]

Supplementary Table 2. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Colon(C18)	25-29	8	5	1.6 [0.7-3.2]	NA	NA	NA [NA-NA]	7	4	1.8 [0.7-3.6]
	30-34	34	7.7	4.4 [3.1-6.2]	16	2.6	6.2 [3.5-10.1]	18	5.1	3.5 [2.1-5.6]
	35-39	51	7.8	6.6 [4.9-8.7]	20	3.2	6.2 [3.8-9.5]	31	4.5	6.9 [4.7-9.8]
	40-44	78	7.8	10.1 [8.0-12.6]	39	3.9	10.0 [7.1-13.6]	39	3.8	10.2 [7.2-13.9]
	45-49	204	7.9	25.8 [22.4-29.6]	138	4.7	29.6 [24.8-34.9]	66	3.2	20.3 [15.7-25.8]
	50-54	300	6.2	48.0 [42.7-53.8]	241	4.5	53.6 [47.0-60.8]	59	1.8	33.7 [25.7-43.5]
	55-59	230	3.7	62.7 [54.9-71.4]	191	2.7	71.6 [61.8-82.5]	39	1	39.0 [27.7-53.3]
	60-64	107	1.1	98.8 [80.9-119.4]	95	0.8	114.0 [92.2-139.4]	12	0.2	48.0 [24.8-83.8]
Rectosigmoid junction, rectum, anus and anal canal(C19-C21)	25-29	8	5	1.6 [0.7-3.2]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	38	7.7	5.0 [3.5-6.8]	16	2.6	6.2 [3.5-10.1]	22	5.1	4.3 [2.7-6.6]
	35-39	50	7.8	6.5 [4.8-8.5]	26	3.2	8.0 [5.2-11.7]	24	4.5	5.3 [3.4-7.9]
	40-44	70	7.8	9.0 [7.0-11.4]	45	3.9	11.5 [8.4-15.4]	25	3.8	6.5 [4.2-9.6]
	45-49	170	7.9	21.5 [18.4-25.0]	122	4.7	26.1 [21.7-31.2]	48	3.2	14.8 [10.9-19.6]
	50-54	209	6.2	33.4 [29.1-38.3]	169	4.5	37.6 [32.1-43.7]	40	1.8	22.9 [16.3-31.1]
	55-59	144	3.7	39.3 [33.1-46.2]	119	2.7	44.6 [37.0-53.4]	25	1	25.0 [16.2-36.9]
	60-64	70	1.1	64.6 [50.4-81.6]	65	0.8	78.0 [60.2-99.4]	5	0.2	20.0 [6.5-46.7]
Liver and intrahepatic bile ducts(C22)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	16	7.7	2.1 [1.2-3.4]	7	2.6	2.7 [1.1-5.6]	9	5.1	1.8 [0.8-3.4]
	35-39	28	7.8	3.6 [2.4-5.2]	22	3.2	6.8 [4.2-10.2]	6	4.5	1.3 [0.5-2.9]
	40-44	112	7.8	14.5 [11.9-17.4]	96	3.9	24.5 [19.9-29.9]	16	3.8	4.2 [2.4-6.8]
	45-49	239	7.9	30.2 [26.5-34.3]	213	4.7	45.6 [39.7-52.2]	26	3.2	8.0 [5.2-11.7]
	50-54	320	6.2	51.2 [45.7-57.1]	302	4.5	67.1 [59.8-75.1]	18	1.8	10.3 [6.1-16.3]
	55-59	279	3.7	76.1 [67.4-85.6]	263	2.7	98.6 [87.1-111.3]	16	1	16.0 [9.1-26.0]
	60-64	84	1.1	77.5 [61.8-96.0]	70	0.8	84.0 [65.5-106.1]	14	0.2	56.0 [30.6-94.0]



Supplementary Table 2. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Pancrea(C25)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	12	7.8	1.5 [0.8-2.7]	NA	NA	NA [NA-NA]	8	4.5	1.8 [0.8-3.5]
	40-44	25	7.8	3.2 [2.1-4.8]	14	3.9	3.6 [2.0-6.0]	11	3.8	2.9 [1.4-5.1]
	45-49	45	7.9	5.7 [4.1-7.6]	36	4.7	7.7 [5.4-10.7]	9	3.2	2.8 [1.3-5.3]
	50-54	82	6.2	13.1 [10.4-16.3]	64	4.5	14.2 [11.0-18.2]	18	1.8	10.3 [6.1-16.3]
	55-59	86	3.7	23.5 [18.8-29.0]	73	2.8	26.5 [20.8-33.4]	13	1	13.0 [6.9-22.2]
	60-64	37	1.1	34.2 [24.0-47.1]	29	0.8	34.8 [23.3-50.0]	8	0.2	32.0 [13.8-63.1]
Other and ill-defined digestive organs(C17, C23, C24, C26)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	6	7.7	0.8 [0.3-1.7]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	11	7.8	1.4 [0.7-2.5]	NA	NA	NA [NA-NA]	7	4.5	1.6 [0.6-3.2]
	40-44	29	7.8	3.7 [2.5-5.4]	11	3.9	2.8 [1.4-5.0]	18	3.8	4.7 [2.8-7.4]
	45-49	46	7.9	5.8 [4.3-7.8]	37	4.7	7.9 [5.6-10.9]	9	3.2	2.8 [1.3-5.3]
	50-54	67	6.2	10.7 [8.3-13.6]	57	4.5	12.7 [9.6-16.4]	10	1.8	5.7 [2.7-10.5]
	55-59	64	3.7	17.5 [13.4-22.3]	53	2.8	19.3 [14.4-25.2]	11	1	11.0 [5.5-19.7]
	60-64	28	1.1	25.8 [17.2-37.4]	25	0.8	30.0 [19.4-44.3]	NA	NA	NA [NA-NA]
Larynx(C32)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	45-49	10	7.9	1.3 [0.6-2.3]	10	4.7	2.1 [1.0-3.9]	NA	NA	NA [NA-NA]
	50-54	19	6.2	3.0 [1.8-4.7]	18	4.5	4.0 [2.4-6.3]	NA	NA	NA [NA-NA]
	55-59	24	3.7	6.5 [4.2-9.7]	23	2.8	8.4 [5.3-12.5]	NA	NA	NA [NA-NA]
	60-64	6	1.1	5.5 [2.0-12.1]	6	0.8	7.2 [2.6-15.7]	NA	NA	NA [NA-NA]

Supplementary Table 2. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Trachea, bronchus and lung (C33-C34)	25-29	6	5	1.2 [0.4-2.6]	NA	NA	NA [NA-NA]	6	4	1.5 [0.6-3.3]
	30-34	18	7.7	2.3 [1.4-3.7]	NA	NA	NA [NA-NA]	13	5.1	2.6 [1.4-4.4]
	35-39	37	7.8	4.7 [3.3-6.5]	14	3.2	4.3 [2.4-7.2]	23	4.5	5.1 [3.2-7.7]
	40-44	87	7.8	11.2 [9.0-13.8]	39	3.9	10.0 [7.1-13.6]	48	3.8	12.5 [9.2-16.6]
	45-49	166	7.9	21.0 [17.9-24.4]	104	4.7	22.3 [18.2-27.0]	62	3.2	19.1 [14.6-24.5]
	50-54	234	6.2	37.4 [32.8-42.6]	169	4.5	37.6 [32.1-43.7]	65	1.8	37.1 [28.7-47.3]
	55-59	252	3.7	68.7 [60.5-77.8]	214	2.7	80.2 [69.9-91.8]	38	1	38.0 [26.9-52.2]
	60-64	135	1.1	124.6 [104.5-147.5]	118	0.8	141.6 [117.2-169.6]	17	0.2	68.0 [39.6-108.9]
Other and ill-defined sites in the respiratory system and intrathoracic organs(C30-C31, C37-C39)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	8	7.7	1.0 [0.5-2.1]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	9	7.8	1.1 [0.5-2.2]	NA	NA	NA [NA-NA]	6	4.5	1.3 [0.5-2.9]
	40-44	11	7.8	1.4 [0.7-2.5]	8	3.9	2.0 [0.9-4.0]	NA	NA	NA [NA-NA]
	45-49	16	7.9	2.0 [1.2-3.3]	8	4.7	1.7 [0.7-3.4]	8	3.2	2.5 [1.1-4.9]
	50-54	20	6.2	3.2 [2.0-4.9]	19	4.5	4.2 [2.5-6.6]	NA	NA	NA [NA-NA]
	55-59	9	3.7	2.5 [1.1-4.7]	8	2.8	2.9 [1.3-5.7]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Bone and articular cartilage (C40-C41)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	7	7.7	0.9 [0.4-1.9]	NA	NA	NA [NA-NA]	5	5.1	1.0 [0.3-2.3]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	45-49	6	7.9	0.8 [0.3-1.6]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	50-54	15	6.2	2.4 [1.3-4.0]	10	4.5	2.2 [1.1-4.1]	NA	NA	NA [NA-NA]
	55-59	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]

Supplementary Table 2. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Melanoma (C43)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	45-49	13	7.9	1.6 [0.9-2.8]	12	4.7	2.6 [1.3-4.5]	NA	NA	NA [NA-NA]
	50-54	8	6.2	1.3 [0.6-2.5]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	55-59	6	3.7	1.6 [0.6-3.6]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Other malignant neoplasms of skin (C44)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	6	7.8	0.8 [0.3-1.7]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	16	7.8	2.1 [1.2-3.4]	7	3.9	1.8 [0.7-3.7]	9	3.8	2.3 [1.1-4.5]
	45-49	37	7.9	4.7 [3.3-6.4]	28	4.7	6.0 [4.0-8.7]	9	3.2	2.8 [1.3-5.3]
	50-54	26	6.2	4.2 [2.7-6.1]	18	4.5	4.0 [2.4-6.3]	8	1.8	4.6 [2.0-9.0]
	55-59	29	3.7	7.9 [5.3-11.4]	23	2.8	8.4 [5.3-12.5]	6	1	6.0 [2.2-13.1]
	60-64	13	1.1	12.0 [6.4-20.5]	11	0.8	13.2 [6.6-23.6]	2	0.2	8.0 [1.0-28.9]
Mesothelial and soft tissue (C45-C49)	25-29	8	5	1.6 [0.7-3.2]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	18	7.7	2.3 [1.4-3.7]	NA	NA	NA [NA-NA]	15	5.1	3.0 [1.7-4.9]
	35-39	17	7.8	2.2 [1.3-3.5]	9	3.2	2.8 [1.3-5.3]	8	4.5	1.8 [0.8-3.5]
	40-44	16	7.8	2.1 [1.2-3.4]	7	3.9	1.8 [0.7-3.7]	9	3.8	2.3 [1.1-4.5]
	45-49	34	7.9	4.3 [3.0-6.0]	16	4.7	3.4 [2.0-5.6]	18	3.2	5.5 [3.3-8.8]
	50-54	32	6.2	5.1 [3.5-7.2]	21	4.5	4.7 [2.9-7.1]	11	1.8	6.3 [3.1-11.2]
	55-59	23	3.7	6.3 [4.0-9.4]	17	2.8	6.2 [3.6-9.9]	6	1	6.0 [2.2-13.1]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]

Supplementary Table 2. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Breast(C50)	25-29	67	5	13.4 [10.4-17.0]	NA	NA	NA [NA-NA]	67	4	16.8 [13.0-21.3]
	30-34	214	7.7	27.9 [24.3-31.9]	NA	NA	NA [NA-NA]	213	5.1	41.9 [36.5-47.9]
	35-39	440	7.8	56.8 [51.6-62.3]	NA	NA	NA [NA-NA]	439	4.5	97.6 [88.6-107.1]
	40-44	590	7.8	76.1 [70.1-82.5]	NA	NA	NA [NA-NA]	590	3.8	153.9 [141.7-166.8]
	45-49	651	7.9	82.2 [76.0-88.8]	NA	NA	NA [NA-NA]	650	3.2	200.0 [184.9-216.0]
	50-54	309	6.2	49.4 [44.1-55.3]	NA	NA	NA [NA-NA]	306	1.8	174.9 [155.8-195.6]
	55-59	185	3.7	50.5 [43.4-58.3]	NA	NA	NA [NA-NA]	180	1	180.0 [154.7-208.3]
	60-64	47	1.1	43.4 [31.9-57.7]	NA	NA	NA [NA-NA]	46	0.2	184.0 [134.7-245.4]
Cervix uteri(C53)	25-29	6	5	1.2 [0.4-2.6]	NA	NA	NA [NA-NA]	6	4	1.5 [0.6-3.3]
	30-34	28	7.7	3.7 [2.4-5.3]	NA	NA	NA [NA-NA]	28	5.1	5.5 [3.7-8.0]
	35-39	23	7.8	2.9 [1.9-4.4]	NA	NA	NA [NA-NA]	23	4.5	5.1 [3.2-7.7]
	40-44	45	7.8	5.8 [4.2-7.8]	NA	NA	NA [NA-NA]	45	3.8	11.7 [8.6-15.7]
	45-49	33	7.9	4.2 [2.9-5.9]	NA	NA	NA [NA-NA]	33	3.2	10.2 [7.0-14.3]
	50-54	24	6.2	3.8 [2.5-5.7]	NA	NA	NA [NA-NA]	24	1.8	13.7 [8.8-20.4]
	55-59	9	3.7	2.5 [1.1-4.7]	NA	NA	NA [NA-NA]	9	1	9.0 [4.1-17.1]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Other and part unspecified of uterus (C54-C55)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	23	7.7	3.0 [1.9-4.5]	NA	NA	NA [NA-NA]	23	5.1	4.5 [2.9-6.8]
	35-39	23	7.8	2.9 [1.9-4.4]	NA	NA	NA [NA-NA]	23	4.5	5.1 [3.2-7.7]
	40-44	46	7.8	5.9 [4.3-7.9]	NA	NA	NA [NA-NA]	46	3.8	12.0 [8.8-16.0]
	45-49	73	7.9	9.2 [7.2-11.6]	NA	NA	NA [NA-NA]	73	3.2	22.5 [17.6-28.2]
	50-54	47	6.2	7.5 [5.5-10.0]	NA	NA	NA [NA-NA]	47	1.8	26.9 [19.7-35.7]
	55-59	17	3.7	4.6 [2.7-7.4]	NA	NA	NA [NA-NA]	17	1	17.0 [9.9-27.2]
	60-64	6	1.1	5.5 [2.0-12.1]	NA	NA	NA [NA-NA]	6	0.2	24.0 [8.8-52.2]

Supplementary Table 2. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
other and unspecified female genital organs (C51–C52, C56–C58)	25–29	16	5	3.2 [1.8–5.2]	NA	NA	NA [NA–NA]	16	4	4.0 [2.3–6.5]
	30–34	34	7.7	4.4 [3.1–6.2]	NA	NA	NA [NA–NA]	34	5.1	6.7 [4.6–9.3]
	35–39	43	7.8	5.5 [4.0–7.5]	NA	NA	NA [NA–NA]	43	4.5	9.6 [6.9–12.9]
	40–44	61	7.8	7.9 [6.0–10.1]	NA	NA	NA [NA–NA]	61	3.8	15.9 [12.2–20.4]
	45–49	59	7.9	7.5 [5.7–9.6]	NA	NA	NA [NA–NA]	59	3.2	18.2 [13.8–23.4]
	50–54	39	6.2	6.2 [4.4–8.5]	NA	NA	NA [NA–NA]	39	1.8	22.3 [15.8–30.5]
	55–59	30	3.7	8.2 [5.5–11.7]	NA	NA	NA [NA–NA]	30	1	30.0 [20.2–42.8]
	60–64	8	1.1	7.4 [3.2–14.6]	NA	NA	NA [NA–NA]	8	0.2	32.0 [13.8–63.1]
Prostate(C61)	25–29	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	30–34	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	35–39	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	40–44	14	7.8	1.8 [1.0–3.0]	14	3.9	3.6 [2.0–6.0]	NA	NA	NA [NA–NA]
	45–49	60	7.9	7.6 [5.8–9.8]	60	4.7	12.9 [9.8–16.5]	NA	NA	NA [NA–NA]
	50–54	160	6.2	25.6 [21.8–29.9]	160	4.5	35.6 [30.3–41.5]	NA	NA	NA [NA–NA]
	55–59	283	3.7	77.2 [68.5–86.7]	283	2.7	106.1 [94.1–119.2]	NA	NA	NA [NA–NA]
	60–64	149	1.1	137.5 [116.3–161.5]	149	0.8	178.8 [151.2–209.9]	NA	NA	NA [NA–NA]
Other and unspecified male genital organs (C60, C62–C63)	25–29	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	30–34	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	35–39	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	40–44	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	45–49	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	50–54	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	55–59	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	60–64	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]

Supplementary Table 2. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Bladder(C64)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	7	7.7	0.9 [0.4-1.9]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	14	7.8	1.8 [1.0-3.0]	10	3.2	3.1 [1.5-5.7]	NA	NA	NA [NA-NA]
	40-44	17	7.8	2.2 [1.3-3.5]	15	3.9	3.8 [2.1-6.3]	NA	NA	NA [NA-NA]
	45-49	35	7.9	4.4 [3.1-6.1]	31	4.7	6.6 [4.5-9.4]	NA	NA	NA [NA-NA]
	50-54	68	6.2	10.9 [8.4-13.8]	63	4.5	14.0 [10.8-17.9]	NA	NA	NA [NA-NA]
	55-59	71	3.7	19.4 [15.1-24.4]	66	2.8	24.0 [18.6-30.5]	NA	NA	NA [NA-NA]
	60-64	46	1.1	42.5 [31.1-56.6]	43	0.8	51.6 [37.3-69.5]	NA	NA	NA [NA-NA]
Other and unspecified urinary organs (C64-C66,C68)	25-29	6	5	1.2 [0.4-2.6]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	23	7.7	3.0 [1.9-4.5]	10	2.6	3.9 [1.9-7.1]	13	5.1	2.6 [1.4-4.4]
	35-39	37	7.8	4.7 [3.3-6.5]	22	3.2	6.8 [4.2-10.2]	15	4.5	3.3 [1.9-5.5]
	40-44	64	7.8	8.3 [6.4-10.5]	47	3.9	12.0 [8.8-16.0]	17	3.8	4.4 [2.6-7.1]
	45-49	92	7.9	11.6 [9.4-14.3]	72	4.7	15.4 [12.1-19.4]	20	3.2	6.2 [3.8-9.5]
	50-54	134	6.2	21.4 [18.0-25.4]	122	4.5	27.1 [22.5-32.4]	12	1.8	6.9 [3.5-12.0]
	55-59	92	3.7	25.1 [20.2-30.8]	81	2.8	29.5 [23.4-36.6]	11	1	11.0 [5.5-19.7]
	60-64	47	1.1	43.4 [31.9-57.7]	45	0.8	54.0 [39.4-72.3]	2	0.2	8.0 [1.0-28.9]
Eye and adnexa(C69)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	45-49	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	50-54	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	55-59	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]

Supplementary Table 2. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Brain(C71)	25-29	8	5	1.6 [0.7-3.2]	NA	NA	NA [NA-NA]	7	4	1.8 [0.7-3.6]
	30-34	19	7.7	2.5 [1.5-3.9]	NA	NA	NA [NA-NA]	15	5.1	3.0 [1.7-4.9]
	35-39	19	7.8	2.4 [1.5-3.8]	6	3.2	1.8 [0.7-4.0]	13	4.5	2.9 [1.5-4.9]
	40-44	24	7.8	3.1 [2.0-4.6]	14	3.9	3.6 [2.0-6.0]	10	3.8	2.6 [1.3-4.8]
	45-49	33	7.9	4.2 [2.9-5.9]	23	4.7	4.9 [3.1-7.4]	10	3.2	3.1 [1.5-5.7]
	50-54	27	6.2	4.3 [2.8-6.3]	19	4.5	4.2 [2.5-6.6]	8	1.8	4.6 [2.0-9.0]
	55-59	24	3.7	6.5 [4.2-9.7]	21	2.8	7.6 [4.7-11.7]	NA	NA	NA [NA-NA]
	60-64	11	1.1	10.2 [5.1-18.2]	7	0.8	8.4 [3.4-17.3]	4	0.2	16.0 [4.4-41.0]
Spinal cord, cranial nerves, meninges and other parts of central nervous system (C70,C72)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	45-49	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	50-54	7	6.2	1.1 [0.5-2.3]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	55-59	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Other ill-defined, unspecified, secondary malignant neoplasms (C73-C80, C97)	25-29	459	5	91.8 [83.6-100.6]	34	1.1	31.4 [21.7-43.9]	425	3.9	108.5 [98.4-119.3]
	30-34	993	7.7	129.5 [121.6-137.8]	139	2.6	53.8 [45.2-63.5]	854	5	170.8 [159.5-182.7]
	35-39	1175	7.8	151.6 [143.1-160.5]	179	3.2	55.1 [47.3-63.8]	996	4.5	221.3 [207.8-235.5]
	40-44	1263	7.8	163.0 [154.1-172.2]	283	3.9	72.3 [64.1-81.2]	980	3.8	255.7 [239.9-272.2]
	45-49	1262	7.8	161.1 [152.3-170.2]	403	4.7	86.4 [78.1-95.2]	859	3.2	264.3 [246.9-282.6]
	50-54	967	6.2	154.7 [145.1-164.8]	482	4.5	107.1 [97.8-117.1]	485	1.8	277.1 [253.0-302.9]
	55-59	583	3.7	159.0 [146.4-172.4]	317	2.7	118.9 [106.1-132.7]	266	1	266.0 [235.0-300.0]
	60-64	157	1.1	144.9 [123.1-169.4]	94	0.8	112.8 [91.2-138.0]	63	0.2	252.0 [193.6-322.4]

Supplementary Table 2. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Hodgkin lymphoma(C81)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	45-49	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	50-54	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	55-59	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Non-Hodgkin lymphoma (C82-85)	25-29	9	5	1.8 [0.8-3.4]	NA	NA	NA [NA-NA]	8	4	2.0 [0.9-3.9]
	30-34	14	7.7	1.8 [1.0-3.1]	6	2.6	2.3 [0.9-5.1]	8	4	2.0 [0.9-3.9]
	35-39	34	7.8	4.3 [3.0-6.1]	15	3.2	4.6 [2.6-7.6]	8	4	2.0 [0.9-3.9]
	40-44	41	7.8	5.3 [3.8-7.2]	24	3.9	6.1 [3.9-9.1]	8	4	2.0 [0.9-3.9]
	45-49	53	7.9	6.7 [5.0-8.8]	33	4.7	7.1 [4.9-9.9]	8	4	2.0 [0.9-3.9]
	50-54	62	6.2	9.9 [7.6-12.7]	48	4.5	10.7 [7.9-14.1]	8	4	2.0 [0.9-3.9]
	55-59	60	3.7	16.4 [12.5-21.1]	55	2.8	20.0 [15.1-26.0]	8	4	2.0 [0.9-3.9]
	60-64	22	1.1	20.3 [12.7-30.7]	19	0.8	22.8 [13.7-35.6]	8	4	2.0 [0.9-3.9]
Leukemia (C91-C95)	25-29	6	5	1.2 [0.4-2.6]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	22	7.7	2.9 [1.8-4.3]	13	2.6	5.0 [2.7-8.6]	9	5.1	1.8 [0.8-3.4]
	35-39	29	7.8	3.7 [2.5-5.3]	12	3.2	3.7 [1.9-6.4]	17	4.5	3.8 [2.2-6.0]
	40-44	26	7.8	3.4 [2.2-4.9]	14	3.9	3.6 [2.0-6.0]	12	3.8	3.1 [1.6-5.5]
	45-49	39	7.9	4.9 [3.5-6.7]	21	4.7	4.5 [2.8-6.9]	18	3.2	5.5 [3.3-8.8]
	50-54	42	6.2	6.7 [4.8-9.1]	34	4.5	7.6 [5.2-10.6]	8	1.8	4.6 [2.0-9.0]
	55-59	39	3.7	10.6 [7.6-14.5]	33	2.8	12.0 [8.3-16.9]	6	1	6.0 [2.2-13.1]
	60-64	11	1.1	10.2 [5.1-18.2]	8	0.8	9.6 [4.1-18.9]	3	0.2	12.0 [2.5-35.1]



Supplementary Table 2. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C88-C90,C96)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	6	7.7	0.8 [0.3-1.7]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	11	7.8	1.4 [0.7-2.5]	NA	NA	NA [NA-NA]	7	4.5	1.6 [0.6-3.2]
	40-44	20	7.8	2.6 [1.6-4.0]	12	3.9	3.1 [1.6-5.4]	8	3.8	2.1 [0.9-4.1]
	45-49	23	7.9	2.9 [1.8-4.4]	15	4.7	3.2 [1.8-5.3]	8	3.2	2.5 [1.1-4.9]
	50-54	39	6.2	6.2 [4.4-8.5]	30	4.5	6.7 [4.5-9.5]	9	1.8	5.1 [2.4-9.8]
	55-59	37	3.7	10.1 [7.1-13.9]	29	2.8	10.5 [7.1-15.1]	8	1	8.0 [3.5-15.8]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Carcinoma in situ of cervix uteri (D06)	25-29	27	5	5.4 [3.6-7.9]	NA	NA	NA [NA-NA]	27	4	6.8 [4.4-9.8]
	30-34	62	7.7	8.1 [6.2-10.4]	NA	NA	NA [NA-NA]	62	5.1	12.2 [9.4-15.6]
	35-39	79	7.8	10.2 [8.1-12.7]	NA	NA	NA [NA-NA]	79	4.5	17.6 [13.9-21.9]
	40-44	77	7.8	9.9 [7.8-12.4]	NA	NA	NA [NA-NA]	77	3.8	20.1 [15.9-25.1]
	45-49	47	7.9	5.9 [4.4-7.9]	NA	NA	NA [NA-NA]	47	3.2	14.5 [10.6-19.2]
	50-54	16	6.2	2.6 [1.5-4.2]	NA	NA	NA [NA-NA]	16	1.8	9.1 [5.2-14.8]
	55-59	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Benign neoplasm of skin (D22-D23)	25-29	16	5	3.2 [1.8-5.2]	NA	NA	NA [NA-NA]	13	4	3.2 [1.7-5.6]
	30-34	40	7.7	5.2 [3.7-7.1]	16	2.6	6.2 [3.5-10.1]	24	5.1	4.7 [3.0-7.0]
	35-39	31	7.8	4.0 [2.7-5.6]	12	3.2	3.7 [1.9-6.4]	19	4.5	4.2 [2.5-6.6]
	40-44	53	7.8	6.8 [5.1-8.9]	31	3.9	7.9 [5.4-11.2]	22	3.8	5.7 [3.6-8.7]
	45-49	43	7.9	5.4 [3.9-7.3]	30	4.7	6.4 [4.3-9.2]	13	3.2	4.0 [2.1-6.8]
	50-54	47	6.2	7.5 [5.5-10.0]	36	4.5	8.0 [5.6-11.1]	11	1.8	6.3 [3.1-11.2]
	55-59	15	3.7	4.1 [2.3-6.7]	13	2.8	4.7 [2.5-8.1]	2	1	2.0 [0.2-7.2]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]

Supplementary Table 2. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Benign neoplasm of breast (D24)	25-29	579	5	115.8 [106.6-125.6]	NA	NA	NA [NA-NA]	579	3.9	147.8 [136.0-160.4]
	30-34	889	7.7	116.0 [108.5-123.8]	NA	NA	NA [NA-NA]	889	5	177.8 [166.3-189.9]
	35-39	1063	7.8	137.2 [129.0-145.7]	NA	NA	NA [NA-NA]	1063	4.5	236.2 [222.2-250.9]
	40-44	905	7.8	116.8 [109.3-124.6]	NA	NA	NA [NA-NA]	905	3.8	236.1 [221.0-252.0]
	45-49	543	7.9	68.6 [62.9-74.6]	NA	NA	NA [NA-NA]	540	3.2	166.2 [152.4-180.8]
	50-54	167	6.2	26.7 [22.8-31.1]	NA	NA	NA [NA-NA]	165	1.8	94.3 [80.4-109.8]
	55-59	69	3.7	18.8 [14.6-23.8]	NA	NA	NA [NA-NA]	68	1	68.0 [52.8-86.2]
	60-64	13	1.1	12.0 [6.4-20.5]	NA	NA	NA [NA-NA]	12	0.2	48.0 [24.8-83.8]
Leiomyoma of uterus(D25)	25-29	571	5	114.2 [105.0-124.0]	NA	NA	NA [NA-NA]	571	3.9	145.8 [134.1-158.3]
	30-34	1102	7.7	143.7 [135.4-152.5]	NA	NA	NA [NA-NA]	1102	5	220.4 [207.6-233.8]
	35-39	1831	7.8	236.3 [225.6-247.3]	NA	NA	NA [NA-NA]	1831	4.4	414.6 [395.8-434.0]
	40-44	2271	7.7	296.2 [284.2-308.7]	NA	NA	NA [NA-NA]	2271	3.8	605.6 [580.9-631.0]
	45-49	1450	7.8	185.1 [175.7-194.9]	NA	NA	NA [NA-NA]	1450	3.2	457.9 [434.6-482.1]
	50-54	254	6.2	40.6 [35.8-46.0]	NA	NA	NA [NA-NA]	254	1.8	145.1 [127.8-164.1]
	55-59	49	3.7	13.4 [9.9-17.7]	NA	NA	NA [NA-NA]	49	1	49.0 [36.3-64.8]
	60-64	14	1.1	12.9 [7.1-21.7]	NA	NA	NA [NA-NA]	14	0.2	56.0 [30.6-94.0]
Benign neoplasm of ovary(D27)	25-29	599	5	119.8 [110.4-129.8]	NA	NA	NA [NA-NA]	599	3.9	152.9 [140.9-165.7]
	30-34	583	7.7	76.0 [70.0-82.5]	NA	NA	NA [NA-NA]	583	5	116.6 [107.3-126.5]
	35-39	434	7.8	56.0 [50.9-61.5]	NA	NA	NA [NA-NA]	434	4.5	96.4 [87.6-106.0]
	40-44	309	7.8	39.9 [35.5-44.6]	NA	NA	NA [NA-NA]	309	3.8	80.6 [71.9-90.1]
	45-49	200	7.9	25.3 [21.9-29.0]	NA	NA	NA [NA-NA]	200	3.2	61.5 [53.3-70.7]
	50-54	88	6.2	14.1 [11.3-17.3]	NA	NA	NA [NA-NA]	88	1.8	50.3 [40.3-62.0]
	55-59	33	3.7	9.0 [6.2-12.6]	NA	NA	NA [NA-NA]	33	1	33.0 [22.7-46.3]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]

Supplementary Table 2. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Benign neoplasm of urinary organs(D30)	25-29	8	5	1.6 [0.7-3.2]	NA	NA	NA [NA-NA]	7	4	1.8 [0.7-3.6]
	30-34	13	7.7	1.7 [0.9-2.9]	6	2.6	2.3 [0.9-5.1]	7	5.1	1.4 [0.6-2.8]
	35-39	19	7.8	2.4 [1.5-3.8]	7	3.2	2.2 [0.9-4.4]	12	4.5	2.7 [1.4-4.7]
	40-44	20	7.8	2.6 [1.6-4.0]	10	3.9	2.6 [1.2-4.7]	10	3.8	2.6 [1.3-4.8]
	45-49	19	7.9	2.4 [1.4-3.7]	9	4.7	1.9 [0.9-3.7]	10	3.2	3.1 [1.5-5.7]
	50-54	43	6.2	6.9 [5.0-9.3]	30	4.5	6.7 [4.5-9.5]	13	1.8	7.4 [4.0-12.7]
	55-59	24	3.7	6.5 [4.2-9.7]	17	2.8	6.2 [3.6-9.9]	7	1	7.0 [2.8-14.4]
	60-64	6	1.1	5.5 [2.0-12.1]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Benign neoplasm of brain and other parts of central nervous system (D33)	25-29	6	5	1.2 [0.4-2.6]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	25	7.7	3.3 [2.1-4.8]	11	2.6	4.3 [2.1-7.6]	14	5.1	2.8 [1.5-4.6]
	35-39	31	7.8	4.0 [2.7-5.6]	13	3.2	4.0 [2.1-6.8]	18	4.5	4.0 [2.4-6.3]
	40-44	48	7.8	6.2 [4.6-8.2]	27	3.9	6.9 [4.5-10.0]	21	3.8	5.5 [3.4-8.4]
	45-49	45	7.9	5.7 [4.1-7.6]	25	4.7	5.4 [3.5-7.9]	20	3.2	6.2 [3.8-9.5]
	50-54	55	6.2	8.8 [6.6-11.5]	35	4.5	7.8 [5.4-10.8]	20	1.8	11.4 [7.0-17.7]
	55-59	19	3.7	5.2 [3.1-8.1]	14	2.8	5.1 [2.8-8.5]	NA	NA	NA [NA-NA]
	60-64	12	1.1	11.1 [5.7-19.3]	8	0.8	9.6 [4.1-18.9]	NA	NA	NA [NA-NA]
Other intraepithelial, benign neoplasms and neoplasms of unknown and unknown behavior (D00-D05,D07-D2 1,D26,D28-D29,D 31-D32,D34-D48)	25-29	489	5	97.8 [89.3-106.9]	95	1.1	87.7 [70.9-107.2]	394	3.9	100.6 [90.9-111.0]
	30-34	967	7.7	126.1 [118.3-134.3]	354	2.6	137.0 [123.1-152.1]	613	5.1	120.6 [111.2-130.5]
	35-39	1342	7.8	173.2 [164.0-182.7]	536	3.2	164.9 [151.3-179.5]	806	4.5	179.1 [167.0-191.9]
	40-44	1879	7.7	245.1 [234.1-256.4]	927	3.9	236.7 [221.7-252.4]	952	3.8	248.3 [232.8-264.6]
	45-49	2593	7.8	331.0 [318.4-344.0]	1639	4.6	357.6 [340.5-375.3]	954	3.2	293.5 [275.2-312.8]
	50-54	2879	6.2	466.9 [450.0-484.2]	2180	4.4	493.6 [473.1-514.7]	699	1.8	399.4 [370.4-430.2]
	55-59	1987	3.6	554.5 [530.4-579.4]	1576	2.7	591.0 [562.2-620.9]	411	0.9	448.4 [406.1-493.9]
	60-64	728	1.1	672.0 [624.1-722.6]	590	0.8	708.0 [652.0-767.5]	138	0.2	552.0 [463.7-652.2]

**Supplementary Table 3.** Number of cases, observations (in 10,000 person-years), and incidence rate by each cancer site among total workers based on dynamic cohort design  
[CI: confidence interval]

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Lip, oral cavity and pharynx (C00–C14)	25–29	128	124.7	1.0 [0.9–1.2]	76	63.5	1.2 [0.9–1.5]	52	61.2	0.9 [0.6–1.1]
	30–34	199	129.8	1.5 [1.3–1.8]	137	84.1	1.6 [1.4–1.9]	62	45.7	1.4 [1.0–1.7]
	35–39	342	131.8	2.6 [2.3–2.9]	261	92.3	2.8 [2.5–3.2]	81	39.4	2.1 [1.6–2.6]
	40–44	420	116.8	3.6 [3.3–4.0]	342	80.7	4.2 [3.8–4.7]	78	36.1	2.2 [1.7–2.7]
	45–49	644	102.8	6.3 [5.8–6.8]	552	71.5	7.7 [7.1–8.4]	92	31.3	2.9 [2.4–3.6]
	50–54	717	78.7	9.1 [8.5–9.8]	628	56.5	11.1 [10.3–12.0]	89	22.2	4.0 [3.2–4.9]
	55–59	578	44.8	12.9 [11.9–14.0]	537	32.8	16.4 [15.0–17.8]	41	11.9	3.4 [2.5–4.7]
	60–64	402	24.9	16.1 [14.6–17.8]	374	18.8	19.9 [17.9–22.0]	28	6.1	4.6 [3.1–6.7]
Oesophagus(C15)	25–29	6	124.7	0.0 [0.0–0.1]	NA	NA	NA	NA	NA	NA
	30–34	8	129.8	0.1 [0.0–0.1]	6	84.1	0.1 [0.0–0.2]	NA	NA	NA
	35–39	24	131.8	0.2 [0.1–0.3]	21	92.3	0.2 [0.1–0.3]	NA	NA	NA
	40–44	86	116.8	0.7 [0.6–0.9]	81	80.7	1.0 [0.8–1.2]	NA	NA	NA
	45–49	243	102.8	2.4 [2.1–2.7]	231	71.5	3.2 [2.8–3.7]	12	31.3	0.4 [0.2–0.7]
	50–54	467	78.7	5.9 [5.4–6.5]	454	56.5	8.0 [7.3–8.8]	13	22.2	0.6 [0.3–1.0]
	55–59	560	44.8	12.5 [11.5–13.6]	548	32.8	16.7 [15.3–18.1]	12	11.9	1.0 [0.5–1.8]
	60–64	470	24.9	18.9 [17.2–20.6]	454	18.8	24.1 [21.9–26.4]	16	6.1	2.6 [1.5–4.3]
Gastric(C16)	25–29	556	124.7	4.5 [4.1–4.8]	251	63.5	4.0 [3.5–4.5]	305	61.2	5.0 [4.4–5.6]
	30–34	1291	129.8	9.9 [9.4–10.5]	751	84.1	8.9 [8.3–9.6]	540	45.7	11.8 [10.8–12.9]
	35–39	2708	131.7	20.6 [19.8–21.4]	1972	92.2	21.4 [20.4–22.3]	736	39.4	18.7 [17.3–20.1]
	40–44	4157	116.7	35.6 [34.6–36.7]	3163	80.6	39.3 [37.9–40.6]	994	36.1	27.5 [25.9–29.3]
	45–49	6040	102.6	58.9 [57.4–60.4]	5006	71.3	70.2 [68.2–72.1]	1034	31.2	33.1 [31.1–35.2]
	50–54	7367	78.4	93.9 [91.8–96.1]	6455	56.3	114.6 [111.8–117.4]	912	22.1	41.3 [38.7–44.1]
	55–59	6275	44.5	141.0 [137.5–144.5]	5624	32.7	172.2 [167.7–176.7]	651	11.8	55.0 [50.9–59.4]
	60–64	5130	24.8	207.3 [201.6–213.0]	4618	18.7	247.4 [240.3–254.6]	512	6	85.3 [78.1–93.1]

Supplementary Table 3. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Colon(C18)	25-29	230	124.7	1.8 [1.6-2.1]	138	63.5	2.2 [1.8-2.6]	92	61.2	1.5 [1.2-1.8]
	30-34	463	129.8	3.6 [3.2-3.9]	295	84.1	3.5 [3.1-3.9]	168	45.7	3.7 [3.1-4.3]
	35-39	915	131.8	6.9 [6.5-7.4]	621	92.3	6.7 [6.2-7.3]	294	39.4	7.5 [6.6-8.4]
	40-44	1382	116.8	11.8 [11.2-12.5]	998	80.7	12.4 [11.6-13.2]	384	36.1	10.6 [9.6-11.8]
	45-49	2420	102.8	23.6 [22.6-24.5]	1823	71.5	25.5 [24.3-26.7]	597	31.2	19.1 [17.6-20.7]
	50-54	3266	78.6	41.6 [40.1-43.0]	2594	56.4	46.0 [44.2-47.8]	672	22.2	30.3 [28.1-32.7]
	55-59	3004	44.7	67.3 [64.9-69.7]	2499	32.8	76.1 [73.2-79.2]	505	11.8	42.7 [39.0-46.6]
	60-64	2639	24.8	106.3 [102.3-110.4]	2278	18.8	121.5 [116.6-126.6]	361	6	60.2 [54.1-66.7]
Rectosigmoid junction, rectum, anus and anal canal (C19-C21)	25-29	228	124.7	1.8 [1.6-2.1]	135	63.5	2.1 [1.8-2.5]	93	61.2	1.5 [1.2-1.9]
	30-34	493	129.8	3.8 [3.5-4.1]	337	84.1	4.0 [3.6-4.5]	156	45.7	3.4 [2.9-4.0]
	35-39	945	131.8	7.2 [6.7-7.6]	718	92.3	7.8 [7.2-8.4]	227	39.4	5.8 [5.0-6.6]
	40-44	1321	116.8	11.3 [10.7-11.9]	1035	80.7	12.8 [12.1-13.6]	286	36.1	7.9 [7.0-8.9]
	45-49	2226	102.8	21.7 [20.8-22.6]	1754	71.5	24.5 [23.4-25.7]	472	31.2	15.1 [13.8-16.5]
	50-54	2701	78.6	34.4 [33.1-35.7]	2260	56.5	40.0 [38.4-41.7]	441	22.2	19.9 [18.1-21.8]
	55-59	2324	44.7	52.0 [49.9-54.2]	2015	32.8	61.4 [58.7-64.1]	309	11.8	26.1 [23.3-29.2]
	60-64	1845	24.8	74.3 [70.9-77.8]	1618	18.8	85.9 [81.8-90.2]	227	6	37.8 [33.1-43.1]
Liver and intrahepatic bile ducts (C22)	25-29	135	124.7	1.1 [0.9-1.3]	98	63.5	1.5 [1.3-1.9]	37	61.2	0.6 [0.4-0.8]
	30-34	426	129.8	3.3 [3.0-3.6]	364	84.1	4.3 [3.9-4.8]	62	45.7	1.4 [1.0-1.7]
	35-39	1054	131.8	8.0 [7.5-8.5]	990	92.3	10.7 [10.1-11.4]	64	39.4	1.6 [1.3-2.1]
	40-44	2151	116.8	18.4 [17.7-19.2]	1977	80.7	24.5 [23.4-25.6]	174	36.1	4.8 [4.1-5.6]
	45-49	3798	102.8	37.0 [35.8-38.2]	3545	71.4	49.6 [48.0-51.3]	253	31.3	8.1 [7.1-9.1]
	50-54	4731	78.6	60.2 [58.5-61.9]	4421	56.4	78.4 [76.1-80.7]	310	22.2	14.0 [12.5-15.6]
	55-59	3653	44.7	81.8 [79.2-84.5]	3375	32.8	103.1 [99.6-106.6]	278	11.9	23.3 [20.7-26.2]
	60-64	2467	24.8	99.3 [95.5-103.3]	2239	18.8	118.9 [114.0-123.9]	228	6.1	37.5 [32.8-42.7]

Supplementary Table 3. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Pancrea(C25)	25-29	40	124.7	0.3 [0.2-0.4]	26	63.5	0.4 [0.3-0.6]	14	61.2	0.2 [0.1-0.4]
	30-34	88	129.8	0.7 [0.5-0.8]	62	84.1	0.7 [0.6-0.9]	26	45.7	0.6 [0.4-0.8]
	35-39	223	131.8	1.7 [1.5-1.9]	176	92.3	1.9 [1.6-2.2]	47	39.4	1.2 [0.9-1.6]
	40-44	394	116.8	3.4 [3.0-3.7]	314	80.7	3.9 [3.5-4.3]	80	36.1	2.2 [1.8-2.8]
	45-49	672	102.8	6.5 [6.1-7.0]	539	71.5	7.5 [6.9-8.2]	133	31.3	4.2 [3.6-5.0]
	50-54	964	78.7	12.3 [11.5-13.1]	787	56.5	13.9 [13.0-14.9]	177	22.2	8.0 [6.9-9.3]
	55-59	946	44.8	21.1 [19.8-22.5]	788	32.8	24.0 [22.4-25.7]	158	11.9	13.3 [11.3-15.5]
	60-64	848	24.9	34.0 [31.8-36.4]	722	18.8	38.3 [35.6-41.2]	126	6.1	20.7 [17.3-24.7]
Other and ill-defined digestive organs(C17, C23, C24, C26)	25-29	43	124.7	0.3 [0.2-0.5]	30	63.5	0.5 [0.3-0.7]	13	61.2	0.2 [0.1-0.4]
	30-34	96	129.8	0.7 [0.6-0.9]	67	84.1	0.8 [0.6-1.0]	29	45.7	0.6 [0.4-0.9]
	35-39	242	131.8	1.8 [1.6-2.1]	183	92.3	2.0 [1.7-2.3]	59	39.4	1.5 [1.1-1.9]
	40-44	362	116.8	3.1 [2.8-3.4]	252	80.7	3.1 [2.8-3.5]	110	36.1	3.0 [2.5-3.7]
	45-49	673	102.8	6.5 [6.1-7.1]	519	71.5	7.3 [6.6-7.9]	154	31.3	4.9 [4.2-5.8]
	50-54	991	78.7	12.6 [11.8-13.4]	791	56.5	14.0 [13.0-15.0]	200	22.2	9.0 [7.8-10.4]
	55-59	993	44.8	22.2 [20.8-23.6]	789	32.8	24.0 [22.4-25.8]	204	11.9	17.1 [14.9-19.6]
	60-64	927	24.9	37.2 [34.8-39.7]	774	18.8	41.1 [38.3-44.1]	153	6.1	25.2 [21.3-29.5]
Larynx(C32)	25-29	7	124.7	0.1 [0.0-0.1]	NA	NA	NA	NA	NA	NA
	30-34	9	129.8	0.1 [0.0-0.1]	6	84.1	0.1 [0.0-0.2]	NA	NA	NA
	35-39	37	131.8	0.3 [0.2-0.4]	34	92.3	0.4 [0.3-0.5]	NA	NA	NA
	40-44	61	116.8	0.5 [0.4-0.7]	57	80.7	0.7 [0.5-0.9]	NA	NA	NA
	45-49	151	102.8	1.5 [1.2-1.7]	148	71.5	2.1 [1.7-2.4]	NA	NA	NA
	50-54	277	78.7	3.5 [3.1-4.0]	271	56.5	4.8 [4.2-5.4]	6	22.2	0.3 [0.1-0.6]
	55-59	326	44.8	7.3 [6.5-8.1]	322	32.8	9.8 [8.8-10.9]	NA	NA	NA
	60-64	293	24.9	11.8 [10.5-13.2]	291	18.8	15.5 [13.7-17.3]	NA	NA	NA

Supplementary Table 3. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Trachea, bronchus and lung (C33-C34)	25-29	149	124.7	1.2 [1.0-1.4]	74	63.5	1.2 [0.9-1.5]	75	61.2	1.2 [1.0-1.5]
	30-34	315	129.8	2.4 [2.2-2.7]	186	84.1	2.2 [1.9-2.6]	129	45.7	2.8 [2.4-3.4]
	35-39	656	131.8	5.0 [4.6-5.4]	459	92.3	5.0 [4.5-5.4]	197	39.4	5.0 [4.3-5.7]
	40-44	1232	116.8	10.6 [10.0-11.2]	882	80.7	10.9 [10.2-11.7]	350	36.1	9.7 [8.7-10.8]
	45-49	2172	102.8	21.1 [20.3-22.0]	1616	71.5	22.6 [21.5-23.7]	556	31.2	17.8 [16.3-19.3]
	50-54	3297	78.6	42.0 [40.5-43.4]	2679	56.5	47.4 [45.6-49.2]	618	22.2	27.9 [25.7-30.2]
	55-59	3694	44.7	82.7 [80.1-85.4]	3210	32.8	97.8 [94.4-101.2]	484	11.8	40.9 [37.3-44.7]
	60-64	3626	24.8	146.0 [141.3-150.8]	3268	18.8	173.5 [167.6-179.6]	358	6	59.7 [53.6-66.2]
Other and ill-defined sites in the respiratory system and intrathoracic organs(C30-C31, C37-C39)	25-29	74	124.7	0.6 [0.5-0.7]	40	63.5	0.6 [0.5-0.9]	34	61.2	0.6 [0.4-0.8]
	30-34	110	129.8	0.8 [0.7-1.0]	82	84.1	1.0 [0.8-1.2]	28	45.7	0.6 [0.4-0.9]
	35-39	149	131.8	1.1 [1.0-1.3]	108	92.3	1.2 [1.0-1.4]	41	39.4	1.0 [0.7-1.4]
	40-44	179	116.8	1.5 [1.3-1.8]	133	80.7	1.6 [1.4-2.0]	46	36.1	1.3 [0.9-1.7]
	45-49	188	102.8	1.8 [1.6-2.1]	141	71.5	2.0 [1.7-2.3]	47	31.3	1.5 [1.1-2.0]
	50-54	192	78.7	2.4 [2.1-2.8]	154	56.5	2.7 [2.3-3.2]	38	22.2	1.7 [1.2-2.4]
	55-59	168	44.8	3.8 [3.2-4.4]	145	32.9	4.4 [3.7-5.2]	23	11.9	1.9 [1.2-2.9]
	60-64	112	24.9	4.5 [3.7-5.4]	100	18.8	5.3 [4.3-6.5]	12	6.1	2.0 [1.0-3.4]
Bone and articular cartilage (C40-C41)	25-29	104	124.7	0.8 [0.7-1.0]	53	63.5	0.8 [0.6-1.1]	51	61.2	0.8 [0.6-1.1]
	30-34	111	129.8	0.9 [0.7-1.0]	82	84.1	1.0 [0.8-1.2]	29	45.7	0.6 [0.4-0.9]
	35-39	110	131.8	0.8 [0.7-1.0]	77	92.3	0.8 [0.7-1.0]	33	39.4	0.8 [0.6-1.2]
	40-44	118	116.8	1.0 [0.8-1.2]	95	80.7	1.2 [1.0-1.4]	23	36.1	0.6 [0.4-1.0]
	45-49	127	102.8	1.2 [1.0-1.5]	93	71.5	1.3 [1.0-1.6]	34	31.3	1.1 [0.8-1.5]
	50-54	118	78.7	1.5 [1.2-1.8]	79	56.5	1.4 [1.1-1.7]	39	22.2	1.8 [1.3-2.4]
	55-59	81	44.8	1.8 [1.4-2.2]	65	32.9	2.0 [1.5-2.5]	16	11.9	1.3 [0.8-2.2]
	60-64	66	24.9	2.6 [2.0-3.4]	59	18.8	3.1 [2.4-4.0]	7	6.1	1.2 [0.5-2.4]

Supplementary Table 3. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Melanoma(C43)	25-29	29	124.7	0.2 [0.2-0.3]	13	63.5	0.2 [0.1-0.4]	16	61.2	0.3 [0.1-0.4]
	30-34	48	129.8	0.4 [0.3-0.5]	33	84.1	0.4 [0.3-0.6]	15	45.7	0.3 [0.2-0.5]
	35-39	66	131.8	0.5 [0.4-0.6]	49	92.3	0.5 [0.4-0.7]	17	39.4	0.4 [0.3-0.7]
	40-44	87	116.8	0.7 [0.6-0.9]	58	80.7	0.7 [0.5-0.9]	29	36.1	0.8 [0.5-1.2]
	45-49	93	102.8	0.9 [0.7-1.1]	73	71.5	1.0 [0.8-1.3]	20	31.3	0.6 [0.4-1.0]
	50-54	124	78.7	1.6 [1.3-1.9]	83	56.5	1.5 [1.2-1.8]	41	22.2	1.8 [1.3-2.5]
	55-59	111	44.8	2.5 [2.0-3.0]	86	32.9	2.6 [2.1-3.2]	25	11.9	2.1 [1.4-3.1]
	60-64	56	24.9	2.2 [1.7-2.9]	48	18.8	2.5 [1.9-3.4]	8	6.1	1.3 [0.6-2.6]
Other malignant neoplasms of skin(C44)	25-29	73	124.7	0.6 [0.5-0.7]	40	63.5	0.6 [0.5-0.9]	33	61.2	0.5 [0.4-0.8]
	30-34	110	129.8	0.8 [0.7-1.0]	73	84.1	0.9 [0.7-1.1]	37	45.7	0.8 [0.6-1.1]
	35-39	150	131.8	1.1 [1.0-1.3]	112	92.3	1.2 [1.0-1.5]	38	39.4	1.0 [0.7-1.3]
	40-44	191	116.8	1.6 [1.4-1.9]	141	80.7	1.7 [1.5-2.1]	50	36.1	1.4 [1.0-1.8]
	45-49	275	102.8	2.7 [2.4-3.0]	209	71.5	2.9 [2.5-3.3]	66	31.3	2.1 [1.6-2.7]
	50-54	339	78.7	4.3 [3.9-4.8]	256	56.5	4.5 [4.0-5.1]	83	22.2	3.7 [3.0-4.6]
	55-59	309	44.8	6.9 [6.2-7.7]	246	32.8	7.5 [6.6-8.5]	63	11.9	5.3 [4.1-6.8]
	60-64	250	24.9	10.0 [8.8-11.4]	203	18.8	10.8 [9.3-12.4]	47	6.1	7.7 [5.7-10.3]
Mesothelial and soft tissue (C45-C49)	25-29	163	124.7	1.3 [1.1-1.5]	81	63.5	1.3 [1.0-1.6]	82	61.2	1.3 [1.1-1.7]
	30-34	206	129.8	1.6 [1.4-1.8]	132	84.1	1.6 [1.3-1.9]	74	45.7	1.6 [1.3-2.0]
	35-39	260	131.8	2.0 [1.7-2.2]	174	92.3	1.9 [1.6-2.2]	86	39.4	2.2 [1.7-2.7]
	40-44	257	116.8	2.2 [1.9-2.5]	180	80.7	2.2 [1.9-2.6]	77	36.1	2.1 [1.7-2.7]
	45-49	363	102.8	3.5 [3.2-3.9]	230	71.5	3.2 [2.8-3.7]	133	31.3	4.2 [3.6-5.0]
	50-54	379	78.7	4.8 [4.3-5.3]	268	56.5	4.7 [4.2-5.3]	111	22.2	5.0 [4.1-6.0]
	55-59	264	44.8	5.9 [5.2-6.7]	188	32.9	5.7 [4.9-6.6]	76	11.9	6.4 [5.0-8.0]
	60-64	194	24.9	7.8 [6.7-9.0]	145	18.8	7.7 [6.5-9.1]	49	6.1	8.1 [6.0-10.6]



Supplementary Table 3. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Breast(C50)	25-29	1040	124.7	8.3 [7.8-8.9]	NA	NA	NA	1037	61.2	17.0 [15.9-18.0]
	30-34	1992	129.8	15.4 [14.7-16.0]	8	84.1	0.1 [0.0-0.2]	1984	45.7	43.4 [41.6-45.4]
	35-39	3596	131.7	27.3 [26.4-28.2]	9	92.3	0.1 [0.0-0.2]	3587	39.3	91.2 [88.2-94.2]
	40-44	4900	116.6	42.0 [40.9-43.2]	13	80.7	0.2 [0.1-0.3]	4887	35.9	136.1 [132.3-139.9]
	45-49	4593	102.7	44.7 [43.5-46.0]	22	71.5	0.3 [0.2-0.5]	4571	31.1	147.1 [142.8-151.4]
	50-54	2814	78.6	35.8 [34.5-37.2]	28	56.5	0.5 [0.3-0.7]	2786	22	126.6 [122.0-131.4]
	55-59	1336	44.8	29.9 [28.3-31.5]	26	32.9	0.8 [0.5-1.2]	1310	11.8	110.7 [104.8-116.9]
	60-64	638	24.9	25.6 [23.7-27.7]	18	18.8	1.0 [0.6-1.5]	620	6	103.3 [95.4-111.8]
Cervix uteri(C53)	25-29	355	124.7	2.8 [2.6-3.2]	0	63.5	0.0 [0.0-0.1]	355	61.2	5.8 [5.2-6.4]
	30-34	406	129.8	3.1 [2.8-3.4]	NA	NA	NA	406	45.7	8.9 [8.0-9.8]
	35-39	499	131.8	3.8 [3.5-4.1]	NA	NA	NA	499	39.4	12.7 [11.6-13.8]
	40-44	589	116.8	5.0 [4.6-5.5]	NA	NA	NA	589	36.1	16.3 [15.0-17.7]
	45-49	527	102.8	5.1 [4.7-5.6]	NA	NA	NA	527	31.2	16.9 [15.5-18.4]
	50-54	416	78.7	5.3 [4.8-5.8]	NA	NA	NA	416	22.2	18.8 [17.0-20.7]
	55-59	203	44.8	4.5 [3.9-5.2]	NA	NA	NA	203	11.8	17.2 [14.9-19.7]
	60-64	123	24.9	4.9 [4.1-5.9]	NA	NA	NA	123	6	20.5 [17.0-24.5]
Other and part unspecified of uterus (C54-C55)	25-29	138	124.7	1.1 [0.9-1.3]	NA	NA	NA	138	61.2	2.3 [1.9-2.7]
	30-34	198	129.8	1.5 [1.3-1.8]	NA	NA	NA	198	45.7	4.3 [3.8-5.0]
	35-39	286	131.8	2.2 [1.9-2.4]	NA	NA	NA	286	39.4	7.3 [6.4-8.1]
	40-44	382	116.8	3.3 [3.0-3.6]	NA	NA	NA	382	36.1	10.6 [9.6-11.7]
	45-49	531	102.8	5.2 [4.7-5.6]	NA	NA	NA	531	31.2	17.0 [15.6-18.5]
	50-54	461	78.7	5.9 [5.3-6.4]	NA	NA	NA	461	22.2	20.8 [18.9-22.8]
	55-59	219	44.8	4.9 [4.3-5.6]	NA	NA	NA	219	11.8	18.5 [16.1-21.1]
	60-64	81	24.9	3.3 [2.6-4.0]	NA	NA	NA	81	6.1	13.3 [10.6-16.5]

Supplementary Table 3. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
other and unspecified female genital organs(C51–C52, C56–C58)	25–29	247	124.7	2.0 [1.7–2.2]	NA	NA	NA	247	61.2	4.0 [3.6–4.6]
	30–34	267	129.8	2.1 [1.8–2.3]	NA	NA	NA	267	45.7	5.8 [5.2–6.6]
	35–39	335	131.8	2.5 [2.3–2.8]	NA	NA	NA	335	39.4	8.5 [7.6–9.5]
	40–44	462	116.8	4.0 [3.6–4.3]	NA	NA	NA	462	36.1	12.8 [11.7–14.0]
	45–49	547	102.8	5.3 [4.9–5.8]	NA	NA	NA	547	31.2	17.5 [16.1–19.0]
	50–54	384	78.7	4.9 [4.4–5.4]	NA	NA	NA	384	22.2	17.3 [15.6–19.1]
	55–59	247	44.8	5.5 [4.9–6.3]	NA	NA	NA	247	11.8	20.9 [18.4–23.6]
	60–64	95	24.9	3.8 [3.1–4.7]	NA	NA	NA	95	6.1	15.6 [12.6–19.1]
Prostate(C61)	25–29	8	124.7	0.1 [0.0–0.1]	8	63.5	0.1 [0.1–0.2]	0	61.2	0.0 [0.0–0.1]
	30–34	16	129.8	0.1 [0.1–0.2]	16	84.1	0.2 [0.1–0.3]	NA	NA	NA
	35–39	37	131.8	0.3 [0.2–0.4]	37	92.3	0.4 [0.3–0.6]	NA	NA	NA
	40–44	184	116.8	1.6 [1.4–1.8]	184	80.7	2.3 [2.0–2.6]	NA	NA	NA
	45–49	624	102.8	6.1 [5.6–6.6]	624	71.5	8.7 [8.1–9.4]	NA	NA	NA
	50–54	1609	78.7	20.5 [19.5–21.5]	1609	56.5	28.5 [27.1–29.9]	NA	NA	NA
	55–59	2346	44.7	52.5 [50.4–54.7]	2346	32.8	71.5 [68.6–74.4]	NA	NA	NA
	60–64	2631	24.8	105.9 [101.9–110.1]	2631	18.8	140.3 [135.0–145.8]	NA	NA	NA
Other and unspecified male genital organs (C60, C62–C63)	25–29	132	124.7	1.1 [0.9–1.3]	132	63.5	2.1 [1.7–2.5]	NA	NA	NA
	30–34	136	129.8	1.0 [0.9–1.2]	136	84.1	1.6 [1.4–1.9]	NA	NA	NA
	35–39	90	131.8	0.7 [0.5–0.8]	90	92.3	1.0 [0.8–1.2]	NA	NA	NA
	40–44	64	116.8	0.5 [0.4–0.7]	64	80.7	0.8 [0.6–1.0]	NA	NA	NA
	45–49	55	102.8	0.5 [0.4–0.7]	55	71.5	0.8 [0.6–1.0]	NA	NA	NA
	50–54	47	78.7	0.6 [0.4–0.8]	47	56.5	0.8 [0.6–1.1]	NA	NA	NA
	55–59	38	44.8	0.8 [0.6–1.2]	38	32.9	1.2 [0.8–1.6]	NA	NA	NA
	60–64	33	24.9	1.3 [0.9–1.9]	33	18.8	1.8 [1.2–2.5]	NA	NA	NA

Supplementary Table 3. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Bladder(C64)	25-29	56	124.7	0.4 [0.3-0.6]	40	63.5	0.6 [0.5-0.9]	16	61.2	0.3 [0.1-0.4]
	30-34	130	129.8	1.0 [0.8-1.2]	119	84.1	1.4 [1.2-1.7]	11	45.7	0.2 [0.1-0.4]
	35-39	280	131.8	2.1 [1.9-2.4]	249	92.3	2.7 [2.4-3.1]	31	39.4	0.8 [0.5-1.1]
	40-44	384	116.8	3.3 [3.0-3.6]	357	80.7	4.4 [4.0-4.9]	27	36.1	0.7 [0.5-1.1]
	45-49	626	102.8	6.1 [5.6-6.6]	583	71.5	8.2 [7.5-8.8]	43	31.3	1.4 [1.0-1.8]
	50-54	1017	78.7	12.9 [12.1-13.7]	951	56.5	16.8 [15.8-17.9]	66	22.2	3.0 [2.3-3.8]
	55-59	1023	44.8	22.9 [21.5-24.3]	968	32.8	29.5 [27.7-31.4]	55	11.9	4.6 [3.5-6.0]
	60-64	999	24.9	40.1 [37.6-42.7]	935	18.8	49.6 [46.5-52.9]	64	6.1	10.5 [8.1-13.4]
Other and unspecified urinary organs (C64-C66,C68)	25-29	193	124.7	1.5 [1.3-1.8]	132	63.5	2.1 [1.7-2.5]	61	61.2	1.0 [0.8-1.3]
	30-34	481	129.8	3.7 [3.4-4.1]	389	84.1	4.6 [4.2-5.1]	92	45.7	2.0 [1.6-2.5]
	35-39	757	131.8	5.7 [5.3-6.2]	646	92.3	7.0 [6.5-7.6]	111	39.4	2.8 [2.3-3.4]
	40-44	1051	116.8	9.0 [8.5-9.6]	917	80.7	11.4 [10.6-12.1]	134	36.1	3.7 [3.1-4.4]
	45-49	1255	102.8	12.2 [11.5-12.9]	1084	71.5	15.2 [14.3-16.1]	171	31.3	5.5 [4.7-6.3]
	50-54	1473	78.7	18.7 [17.8-19.7]	1322	56.5	23.4 [22.2-24.7]	151	22.2	6.8 [5.8-8.0]
	55-59	1155	44.8	25.8 [24.3-27.3]	1033	32.8	31.5 [29.6-33.4]	122	11.9	10.2 [8.5-12.2]
	60-64	816	24.9	32.7 [30.5-35.1]	741	18.8	39.3 [36.6-42.3]	75	6.1	12.3 [9.7-15.5]
Eye and adnexa(C69)	25-29	7	124.7	0.1 [0.0-0.1]	NA	NA	NA	NA	NA	NA
	30-34	NA	NA	NA	NA	NA	NA	NA	NA	NA
	35-39	14	131.8	0.1 [0.1-0.2]	10	92.3	0.1 [0.1-0.2]	NA	NA	NA
	40-44	15	116.8	0.1 [0.1-0.2]	10	80.7	0.1 [0.1-0.2]	NA	NA	NA
	45-49	27	102.8	0.3 [0.2-0.4]	22	71.5	0.3 [0.2-0.5]	NA	NA	NA
	50-54	23	78.7	0.3 [0.2-0.4]	19	56.5	0.3 [0.2-0.5]	NA	NA	NA
	55-59	12	44.8	0.3 [0.1-0.5]	11	32.9	0.3 [0.2-0.6]	NA	NA	NA
	60-64	8	24.9	0.3 [0.1-0.6]	6	18.8	0.3 [0.1-0.7]	NA	NA	NA

Supplementary Table 3. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Brain(C71)	25-29	181	124.7	1.5 [1.2-1.7]	106	63.5	1.7 [1.4-2.0]	75	61.2	1.2 [1.0-1.5]
	30-34	261	129.8	2.0 [1.8-2.3]	172	84.1	2.0 [1.8-2.4]	89	45.7	1.9 [1.6-2.4]
	35-39	334	131.8	2.5 [2.3-2.8]	239	92.3	2.6 [2.3-2.9]	95	39.4	2.4 [1.9-2.9]
	40-44	350	116.8	3.0 [2.7-3.3]	255	80.7	3.2 [2.8-3.6]	95	36.1	2.6 [2.1-3.2]
	45-49	368	102.8	3.6 [3.2-4.0]	269	71.5	3.8 [3.3-4.2]	99	31.3	3.2 [2.6-3.8]
	50-54	362	78.7	4.6 [4.1-5.1]	271	56.5	4.8 [4.2-5.4]	91	22.2	4.1 [3.3-5.0]
	55-59	299	44.8	6.7 [5.9-7.5]	238	32.9	7.2 [6.3-8.2]	61	11.9	5.1 [3.9-6.6]
	60-64	222	24.9	8.9 [7.8-10.2]	176	18.8	9.3 [8.0-10.8]	46	6.1	7.6 [5.5-10.1]
Spinal cord, cranial nerves, meninges and other parts of central nervous system (C70,C72)	25-29	30	124.7	0.2 [0.2-0.3]	9	63.5	0.1 [0.1-0.3]	21	61.2	0.3 [0.2-0.5]
	30-34	47	129.8	0.4 [0.3-0.5]	31	84.1	0.4 [0.3-0.5]	16	45.7	0.4 [0.2-0.6]
	35-39	60	131.8	0.5 [0.3-0.6]	44	92.3	0.5 [0.3-0.6]	16	39.4	0.4 [0.2-0.7]
	40-44	66	116.8	0.6 [0.4-0.7]	45	80.7	0.6 [0.4-0.7]	21	36.1	0.6 [0.4-0.9]
	45-49	49	102.8	0.5 [0.4-0.6]	29	71.5	0.4 [0.3-0.6]	20	31.3	0.6 [0.4-1.0]
	50-54	69	78.7	0.9 [0.7-1.1]	45	56.5	0.8 [0.6-1.1]	24	22.2	1.1 [0.7-1.6]
	55-59	42	44.8	0.9 [0.7-1.3]	36	32.9	1.1 [0.8-1.5]	6	11.9	0.5 [0.2-1.1]
	60-64	25	24.9	1.0 [0.6-1.5]	17	18.8	0.9 [0.5-1.4]	8	6.1	1.3 [0.6-2.6]
Other ill-defined, unspecified, secondary malignant neoplasms (C73-C80, C97)	25-29	7667	124.4	61.6 [60.3-63.0]	1666	63.4	26.3 [25.0-27.6]	6001	61	98.4 [95.9-100.9]
	30-34	10450	129.4	80.7 [79.2-82.3]	3609	84	43.0 [41.6-44.4]	6841	45.4	150.6 [147.1-154.2]
	35-39	12485	131.2	95.1 [93.5-96.8]	5203	92.2	56.5 [54.9-58.0]	7282	39.2	185.9 [181.7-190.2]
	40-44	12181	116.3	104.7 [102.9-106.6]	5003	80.5	62.1 [60.4-63.9]	7178	35.8	200.3 [195.7-205.0]
	45-49	12317	102.3	120.4 [118.2-122.5]	5077	71.3	71.2 [69.2-73.2]	7240	31	233.5 [228.2-239.0]
	50-54	9888	78.3	126.2 [123.8-128.7]	4755	56.4	84.3 [81.9-86.7]	5133	21.9	234.2 [227.8-240.7]
	55-59	5464	44.6	122.6 [119.3-125.9]	3004	32.8	91.7 [88.5-95.1]	2460	11.8	209.4 [201.2-217.8]
	60-64	2958	24.8	119.1 [114.9-123.5]	1907	18.8	101.3 [96.8-105.9]	1051	6	175.2 [164.7-186.1]

Supplementary Table 3. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Hodgkin lymphoma(C81)	25-29	61	124.7	0.5 [0.4-0.6]	35	63.5	0.6 [0.4-0.8]	26	61.2	0.4 [0.3-0.6]
	30-34	63	129.8	0.5 [0.4-0.6]	40	84.1	0.5 [0.3-0.6]	23	45.7	0.5 [0.3-0.8]
	35-39	54	131.8	0.4 [0.3-0.5]	42	92.3	0.5 [0.3-0.6]	12	39.4	0.3 [0.2-0.5]
	40-44	39	116.8	0.3 [0.2-0.5]	30	80.7	0.4 [0.3-0.5]	9	36.1	0.2 [0.1-0.5]
	45-49	58	102.8	0.6 [0.4-0.7]	56	71.5	0.8 [0.6-1.0]	NA	NA	NA
	50-54	56	78.7	0.7 [0.5-0.9]	50	56.5	0.9 [0.7-1.2]	6	22.2	0.3 [0.1-0.6]
	55-59	29	44.8	0.6 [0.4-0.9]	25	32.9	0.8 [0.5-1.1]	NA	NA	NA
	60-64	24	24.9	1.0 [0.6-1.4]	23	18.8	1.2 [0.8-1.8]	NA	NA	NA
Non-Hodgkin lymphoma (C82-85)	25-29	300	124.7	2.4 [2.1-2.7]	172	63.5	2.7 [2.3-3.1]	128	61.2	2.1 [1.7-2.5]
	30-34	371	129.8	2.9 [2.6-3.2]	259	84.1	3.1 [2.7-3.5]	112	45.7	2.5 [2.0-3.0]
	35-39	494	131.8	3.7 [3.4-4.1]	376	92.3	4.1 [3.7-4.5]	118	39.4	3.0 [2.5-3.6]
	40-44	695	116.8	6.0 [5.5-6.4]	506	80.7	6.3 [5.7-6.8]	189	36.1	5.2 [4.5-6.0]
	45-49	769	102.8	7.5 [7.0-8.0]	594	71.5	8.3 [7.7-9.0]	175	31.3	5.6 [4.8-6.5]
	50-54	859	78.7	10.9 [10.2-11.7]	669	56.5	11.8 [11.0-12.8]	190	22.2	8.6 [7.4-9.9]
	55-59	652	44.8	14.6 [13.5-15.7]	527	32.8	16.1 [14.7-17.5]	125	11.9	10.5 [8.7-12.5]
	60-64	490	24.9	19.7 [18.0-21.5]	423	18.8	22.5 [20.4-24.7]	67	6.1	11.0 [8.5-14.0]
Leukemia (C91-C95)	25-29	314	124.7	2.5 [2.2-2.8]	174	63.5	2.7 [2.3-3.2]	140	61.2	2.3 [1.9-2.7]
	30-34	391	129.8	3.0 [2.7-3.3]	282	84.1	3.4 [3.0-3.8]	109	45.7	2.4 [2.0-2.9]
	35-39	443	131.8	3.4 [3.1-3.7]	327	92.3	3.5 [3.2-3.9]	116	39.4	2.9 [2.4-3.5]
	40-44	473	116.8	4.1 [3.7-4.4]	363	80.7	4.5 [4.0-5.0]	110	36.1	3.0 [2.5-3.7]
	45-49	536	102.8	5.2 [4.8-5.7]	376	71.5	5.3 [4.7-5.8]	160	31.3	5.1 [4.3-6.0]
	50-54	488	78.7	6.2 [5.7-6.8]	376	56.5	6.7 [6.0-7.4]	112	22.2	5.1 [4.2-6.1]
	55-59	371	44.8	8.3 [7.5-9.2]	296	32.8	9.0 [8.0-10.1]	75	11.9	6.3 [5.0-7.9]
	60-64	286	24.9	11.5 [10.2-12.9]	242	18.8	12.8 [11.3-14.6]	44	6.1	7.2 [5.3-9.7]

Supplementary Table 3. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C88-C90,C96)	25-29	58	124.7	0.5 [0.4-0.6]	28	63.5	0.4 [0.3-0.6]	30	61.2	0.5 [0.3-0.7]
	30-34	97	129.8	0.7 [0.6-0.9]	76	84.1	0.9 [0.7-1.1]	21	45.7	0.5 [0.3-0.7]
	35-39	145	131.8	1.1 [0.9-1.3]	97	92.3	1.1 [0.9-1.3]	48	39.4	1.2 [0.9-1.6]
	40-44	234	116.8	2.0 [1.8-2.3]	171	80.7	2.1 [1.8-2.5]	63	36.1	1.7 [1.3-2.2]
	45-49	322	102.8	3.1 [2.8-3.5]	247	71.5	3.5 [3.0-3.9]	75	31.3	2.4 [1.9-3.0]
	50-54	416	78.7	5.3 [4.8-5.8]	328	56.5	5.8 [5.2-6.5]	88	22.2	4.0 [3.2-4.9]
	55-59	365	44.8	8.2 [7.3-9.0]	286	32.8	8.7 [7.7-9.8]	79	11.9	6.6 [5.2-8.3]
	60-64	282	24.9	11.3 [10.0-12.7]	226	18.8	12.0 [10.5-13.7]	56	NA	NA
Carcinoma in situ of cervix uteri (D06)	25-29	1319	124.7	10.6 [10.0-11.2]	NA	NA	NA	1319	61.2	21.6 [20.4-22.8]
	30-34	1068	129.8	8.2 [7.7-8.7]	NA	NA	NA	1068	45.7	23.4 [22.0-24.8]
	35-39	1099	131.8	8.3 [7.9-8.8]	NA	NA	NA	1099	39.4	27.9 [26.3-29.6]
	40-44	1079	116.8	9.2 [8.7-9.8]	NA	NA	NA	1079	36.1	29.9 [28.1-31.7]
	45-49	629	102.8	6.1 [5.7-6.6]	NA	NA	NA	629	31.2	20.1 [18.6-21.8]
	50-54	339	78.7	4.3 [3.9-4.8]	NA	NA	NA	339	22.2	15.3 [13.7-17.0]
	55-59	175	44.8	3.9 [3.4-4.5]	NA	NA	NA	175	11.9	14.7 [12.6-17.0]
	60-64	124	24.9	5.0 [4.1-5.9]	NA	NA	NA	124	6	20.7 [17.2-24.6]
Benign neoplasm of skin (D22-D23)	25-29	695	124.7	5.6 [5.2-6.0]	403	63.4	6.4 [5.7-7.0]	292	61.2	4.8 [4.2-5.4]
	30-34	763	129.8	5.9 [5.5-6.3]	528	84.1	6.3 [5.8-6.8]	235	45.7	5.1 [4.5-5.8]
	35-39	785	131.8	6.0 [5.5-6.4]	579	92.3	6.3 [5.8-6.8]	206	39.4	5.2 [4.5-6.0]
	40-44	744	116.8	6.4 [5.9-6.8]	553	80.7	6.9 [6.3-7.5]	191	36.1	5.3 [4.6-6.1]
	45-49	766	102.8	7.5 [6.9-8.0]	542	71.5	7.6 [7.0-8.2]	224	31.3	7.1 [6.2-8.1]
	50-54	622	78.7	7.9 [7.3-8.6]	463	56.5	8.2 [7.5-9.0]	159	22.2	7.2 [6.1-8.4]
	55-59	346	44.8	7.7 [6.9-8.6]	277	32.8	8.4 [7.5-9.5]	69	11.9	5.8 [4.5-7.3]
	60-64	181	24.9	7.3 [6.2-8.4]	147	18.8	7.8 [6.6-9.2]	34	6.1	5.6 [3.9-7.8]

Supplementary Table 3. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Benign neoplasm of breast(D24)	25-29	8036	124.4	64.6 [63.2-66.0]	18	63.5	0.3 [0.2-0.4]	8018	60.9	131.6 [128.8-134.5]
	30-34	7057	129.6	54.5 [53.2-55.7]	18	84.1	0.2 [0.1-0.3]	7039	45.4	155.0 [151.4-158.7]
	35-39	7918	131.5	60.2 [58.9-61.6]	21	92.3	0.2 [0.1-0.3]	7897	39.2	201.6 [197.2-206.1]
	40-44	6882	116.5	59.1 [57.7-60.5]	12	80.7	0.1 [0.1-0.3]	6870	35.8	191.7 [187.2-196.3]
	45-49	4093	102.7	39.9 [38.7-41.1]	24	71.5	0.3 [0.2-0.5]	4069	31.2	130.6 [126.6-134.6]
	50-54	1465	78.6	18.6 [17.7-19.6]	23	56.5	0.4 [0.3-0.6]	1442	22.1	65.3 [62.0-68.8]
	55-59	431	44.8	9.6 [8.7-10.6]	8	32.9	0.2 [0.1-0.5]	423	11.8	35.7 [32.4-39.3]
	60-64	129	24.9	5.2 [4.3-6.2]	8	18.8	0.4 [0.2-0.8]	121	6.1	19.9 [16.5-23.8]
Leiomyoma of uterus(D25)	25-29	9074	124.4	72.9 [71.4-74.4]	NA	NA	NA	9074	60.9	149.0 [145.9-152.1]
	30-34	11690	129.4	90.3 [88.7-92.0]	NA	NA	NA	11690	45.2	258.3 [253.7-263.1]
	35-39	17960	131.2	136.9 [134.9-138.9]	NA	NA	NA	17960	38.8	462.5 [455.7-469.3]
	40-44	22902	115.8	197.7 [195.2-200.3]	NA	NA	NA	22902	35.2	651.2 [642.8-659.7]
	45-49	13766	102.1	134.9 [132.6-137.1]	NA	NA	NA	13766	30.6	450.1 [442.6-457.7]
	50-54	3213	78.5	40.9 [39.5-42.4]	NA	NA	NA	3213	21.9	146.6 [141.6-151.8]
	55-59	567	44.8	12.7 [11.6-13.8]	NA	NA	NA	567	11.8	47.9 [44.1-52.0]
	60-64	191	24.9	7.7 [6.6-8.8]	NA	NA	NA	191	6	31.8 [27.5-36.7]
Benign neoplasm of ovary(D27)	25-29	8523	124.3	68.5 [67.1-70.0]	NA	NA	NA	8523	60.8	140.1 [137.1-143.1]
	30-34	5149	129.6	39.7 [38.7-40.8]	NA	NA	NA	5149	45.5	113.2 [110.1-116.3]
	35-39	3763	131.6	28.6 [27.7-29.5]	NA	NA	NA	3763	39.2	95.9 [92.8-99.0]
	40-44	2754	116.7	23.6 [22.7-24.5]	NA	NA	NA	2754	36	76.5 [73.7-79.4]
	45-49	1802	102.8	17.5 [16.7-18.4]	NA	NA	NA	1802	31.2	57.7 [55.0-60.4]
	50-54	943	78.7	12.0 [11.2-12.8]	NA	NA	NA	943	22.1	42.7 [40.0-45.5]
	55-59	356	44.8	8.0 [7.2-8.8]	NA	NA	NA	356	11.8	30.1 [27.0-33.4]
	60-64	169	24.9	6.8 [5.8-7.9]	NA	NA	NA	169	6	28.2 [24.1-32.7]

Supplementary Table 3. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Benign neoplasm of urinary organs(D30)	25-29	130	124.7	1.0 [0.9-1.2]	60	63.5	0.9 [0.7-1.2]	70	61.2	1.1 [0.9-1.4]
	30-34	194	129.8	1.5 [1.3-1.7]	128	84.1	1.5 [1.3-1.8]	66	45.7	1.4 [1.1-1.8]
	35-39	234	131.8	1.8 [1.6-2.0]	166	92.3	1.8 [1.5-2.1]	68	39.4	1.7 [1.3-2.2]
	40-44	248	116.8	2.1 [1.9-2.4]	169	80.7	2.1 [1.8-2.4]	79	36.1	2.2 [1.7-2.7]
	45-49	308	102.8	3.0 [2.7-3.3]	219	71.5	3.1 [2.7-3.5]	89	31.3	2.8 [2.3-3.5]
	50-54	400	78.7	5.1 [4.6-5.6]	306	56.5	5.4 [4.8-6.1]	94	22.2	4.2 [3.4-5.2]
	55-59	268	44.8	6.0 [5.3-6.8]	223	32.8	6.8 [5.9-7.7]	45	11.9	3.8 [2.8-5.1]
	60-64	156	24.9	6.3 [5.3-7.3]	133	18.8	7.1 [5.9-8.4]	23	6.1	3.8 [2.4-5.7]
Benign neoplasm of brain and other parts of central nervous system (D33)	25-29	300	124.7	2.4 [2.1-2.7]	152	63.5	2.4 [2.0-2.8]	148	61.2	2.4 [2.0-2.8]
	30-34	422	129.8	3.3 [2.9-3.6]	262	84.1	3.1 [2.8-3.5]	160	45.7	3.5 [3.0-4.1]
	35-39	501	131.8	3.8 [3.5-4.2]	340	92.3	3.7 [3.3-4.1]	161	39.4	4.1 [3.5-4.8]
	40-44	545	116.8	4.7 [4.3-5.1]	349	80.7	4.3 [3.9-4.8]	196	36.1	5.4 [4.7-6.2]
	45-49	614	102.8	6.0 [5.5-6.5]	373	71.5	5.2 [4.7-5.8]	241	31.3	7.7 [6.8-8.7]
	50-54	587	78.7	7.5 [6.9-8.1]	371	56.5	6.6 [5.9-7.3]	216	22.2	9.7 [8.5-11.1]
	55-59	300	44.8	6.7 [6.0-7.5]	203	32.8	6.2 [5.4-7.1]	97	11.9	8.1 [6.6-9.9]
	60-64	194	24.9	7.8 [6.7-9.0]	151	18.8	8.0 [6.8-9.4]	43	6.1	7.1 [5.1-9.5]
Other intraepithelial, benign neoplasms and neoplasms of unknown and unknown behavior (D00-D05,D07-D2 1,D26,D28-D29,D 31-D32,D34-D48)	25-29	12242	124.2	98.5 [96.8-100.3]	5800	63.2	91.7 [89.4-94.1]	6442	60.9	105.8 [103.2-108.4]
	30-34	16264	129.2	125.8 [123.9-127.8]	10213	83.8	121.9 [119.6-124.3]	6051	45.5	133.0 [129.7-136.4]
	35-39	22042	130.9	168.4 [166.2-170.6]	14958	91.8	163.0 [160.4-165.7]	7084	39.2	180.9 [176.7-185.1]
	40-44	25528	115.8	220.4 [217.7-223.1]	17108	80	213.8 [210.7-217.1]	8420	35.8	235.0 [230.0-240.1]
	45-49	31423	101.6	309.3 [305.9-312.8]	22106	70.7	312.8 [308.7-317.0]	9317	30.9	301.4 [295.3-307.5]
	50-54	31090	77.5	401.2 [396.7-405.6]	23488	55.6	422.6 [417.2-428.0]	7602	21.8	348.2 [340.4-356.1]
	55-59	20704	43.9	471.4 [465.0-477.9]	16418	32.2	510.4 [502.6-518.3]	4286	11.8	364.8 [353.9-375.9]
	60-64	13313	24.4	545.2 [536.0-554.6]	10994	18.4	597.0 [585.9-608.2]	2319	5.9	391.9 [376.2-408.2]



**Supplementary Table 4.** Number of cases, observations, and incidence rate by each cancer site among public officials based on dynamic cohort design [CI: confidence interval]

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Lip, oral cavity and pharynx (C00-C14)	25-29	8	5	1.6 [0.7-3.2]	NA	NA	NA	NA	NA	NA
	30-34	7	7.7	0.9 [0.4-1.9]	NA	NA	NA	6	5.1	1.2 [0.4-2.6]
	35-39	16	7.8	2.0 [1.2-3.3]	6	3.3	1.8 [0.7-3.9]	10	4.5	2.2 [1.1-4.1]
	40-44	27	7.8	3.5 [2.3-5.1]	20	3.9	5.1 [3.1-7.9]	7	3.8	1.8 [0.7-3.8]
	45-49	48	7.9	6.1 [4.5-8.0]	38	4.7	8.1 [5.8-11.2]	10	3.2	3.1 [1.5-5.7]
	50-54	68	6.2	10.9 [8.4-13.8]	57	4.5	12.7 [9.6-16.4]	11	1.8	6.3 [3.1-11.2]
	55-59	39	3.7	10.6 [7.6-14.5]	35	2.8	12.7 [8.9-17.7]	NA	NA	NA
	60-64	15	1.1	13.8 [7.7-22.8]	13	0.8	15.6 [8.3-26.7]	NA	NA	NA
Oesophagus(C15)	25-29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-34	NA	NA	NA	NA	NA	NA	NA	NA	NA
	35-39	NA	NA	NA	NA	NA	NA	NA	NA	NA
	40-44	NA	NA	NA	NA	NA	NA	NA	NA	NA
	45-49	10	7.9	1.3 [0.6-2.3]	9	4.7	1.9 [0.9-3.7]	NA	NA	NA
	50-54	45	6.2	7.2 [5.3-9.6]	45	4.5	10.0 [7.3-13.4]	NA	NA	NA
	55-59	43	3.7	11.7 [8.5-15.8]	42	2.8	15.3 [11.0-20.6]	NA	NA	NA
	60-64	20	1.1	18.5 [11.3-28.5]	18	0.8	21.6 [12.8-34.1]	NA	NA	NA
Gastric(C16)	25-29	23	5	4.6 [2.9-6.9]	4	1.1	3.7 [1.0-9.5]	19	4	4.8 [2.9-7.4]
	30-34	82	7.7	10.7 [8.5-13.3]	26	2.6	10.1 [6.6-14.7]	56	5.1	11.0 [8.3-14.3]
	35-39	150	7.8	19.4 [16.4-22.7]	63	3.2	19.4 [14.9-24.8]	87	4.5	19.3 [15.5-23.8]
	40-44	280	7.8	36.1 [32.0-40.6]	153	3.9	39.1 [33.1-45.8]	127	3.8	33.1 [27.6-39.4]
	45-49	427	7.9	53.9 [48.9-59.3]	328	4.7	70.3 [62.9-78.3]	99	3.2	30.5 [24.8-37.1]
	50-54	577	6.2	92.3 [84.9-100.2]	505	4.5	112.2 [102.6-122.5]	72	1.8	41.1 [32.2-51.8]
	55-59	511	3.7	139.4 [127.5-152.0]	447	2.7	167.6 [152.4-183.9]	64	1	64.0 [49.3-81.7]
	60-64	218	1.1	201.2 [175.4-229.8]	194	0.8	232.8 [201.2-268.0]	24	0.2	96.0 [61.5-142.8]

Supplementary Table 4. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Colon(C18)	25-29	8	5	1.6 [0.7-3.2]	NA	NA	NA	7	4	1.8 [0.7-3.6]
	30-34	34	7.7	4.4 [3.1-6.2]	16	2.6	6.2 [3.5-10.1]	18	5.1	3.5 [2.1-5.6]
	35-39	51	7.8	6.5 [4.8-8.6]	20	3.3	6.0 [3.7-9.3]	31	4.5	6.9 [4.7-9.8]
	40-44	78	7.8	10.1 [8.0-12.6]	39	3.9	10.0 [7.1-13.6]	39	3.8	10.2 [7.2-13.9]
	45-49	204	7.9	25.8 [22.4-29.6]	138	4.7	29.6 [24.8-34.9]	66	3.2	20.3 [15.7-25.8]
	50-54	300	6.2	48.0 [42.7-53.8]	241	4.5	53.6 [47.0-60.8]	59	1.8	33.7 [25.7-43.5]
	55-59	230	3.7	62.7 [54.9-71.4]	191	2.7	71.6 [61.8-82.5]	39	1	39.0 [27.7-53.3]
	60-64	107	1.1	98.8 [80.9-119.4]	95	0.8	114.0 [92.2-139.4]	12	0.2	48.0 [24.8-83.8]
Rectosigmoid junction, rectum, anus and anal canal (C19-C21)	25-29	8	5	1.6 [0.7-3.2]	NA	NA	NA	NA	NA	NA
	30-34	38	7.7	5.0 [3.5-6.8]	16	2.6	6.2 [3.5-10.1]	22	5.1	4.3 [2.7-6.6]
	35-39	50	7.8	6.4 [4.7-8.4]	26	3.3	7.8 [5.1-11.4]	24	4.5	5.3 [3.4-7.9]
	40-44	70	7.8	9.0 [7.0-11.4]	45	3.9	11.5 [8.4-15.4]	25	3.8	6.5 [4.2-9.6]
	45-49	170	7.9	21.5 [18.4-25.0]	122	4.7	26.1 [21.7-31.2]	48	3.2	14.8 [10.9-19.6]
	50-54	209	6.2	33.4 [29.1-38.3]	169	4.5	37.6 [32.1-43.7]	40	1.8	22.9 [16.3-31.1]
	55-59	144	3.7	39.3 [33.1-46.2]	119	2.8	43.3 [35.8-51.8]	25	1	25.0 [16.2-36.9]
	60-64	70	1.1	64.6 [50.4-81.6]	65	0.8	78.0 [60.2-99.4]	NA	NA	NA
Liver and intrahepatic bile ducts(C22)	25-29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-34	16	7.7	2.1 [1.2-3.4]	7	2.6	2.7 [1.1-5.6]	9	5.1	1.8 [0.8-3.4]
	35-39	28	7.8	3.6 [2.4-5.2]	22	3.3	6.6 [4.1-10.0]	6	4.5	1.3 [0.5-2.9]
	40-44	112	7.8	14.5 [11.9-17.4]	96	3.9	24.5 [19.9-29.9]	16	3.8	4.2 [2.4-6.8]
	45-49	239	7.9	30.2 [26.5-34.3]	213	4.7	45.6 [39.7-52.2]	26	3.2	8.0 [5.2-11.7]
	50-54	320	6.2	51.2 [45.7-57.1]	302	4.5	67.1 [59.8-75.1]	18	1.8	10.3 [6.1-16.3]
	55-59	279	3.7	76.1 [67.4-85.6]	263	2.7	98.6 [87.1-111.3]	16	1	16.0 [9.1-26.0]
	60-64	84	1.1	77.5 [61.8-96.0]	70	0.8	84.0 [65.5-106.1]	14	0.2	56.0 [30.6-94.0]

Supplementary Table 4. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Pancrea(C25)	25-29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-34	NA	NA	NA	NA	NA	NA	NA	NA	NA
	35-39	12	7.8	1.5 [0.8-2.7]	NA	NA	NA	8	4.5	1.8 [0.8-3.5]
	40-44	25	7.8	3.2 [2.1-4.8]	14	3.9	3.6 [2.0-6.0]	11	3.8	2.9 [1.4-5.1]
	45-49	45	7.9	5.7 [4.1-7.6]	36	4.7	7.7 [5.4-10.7]	9	3.2	2.8 [1.3-5.3]
	50-54	82	6.2	13.1 [10.4-16.3]	64	4.5	14.2 [11.0-18.2]	18	1.8	10.3 [6.1-16.3]
	55-59	86	3.7	23.5 [18.8-29.0]	73	2.8	26.5 [20.8-33.4]	13	1	13.0 [6.9-22.2]
	60-64	37	1.1	34.2 [24.0-47.1]	29	0.8	34.8 [23.3-50.0]	8	0.2	32.0 [13.8-63.1]
Other and ill-defined digestive organs(C17, C23, C24, C26)	25-29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-34	6	7.7	0.8 [0.3-1.7]	NA	NA	NA	NA	NA	NA
	35-39	11	7.8	1.4 [0.7-2.5]	NA	NA	NA	7	4.5	1.6 [0.6-3.2]
	40-44	29	7.8	3.7 [2.5-5.4]	11	3.9	2.8 [1.4-5.0]	18	3.8	4.7 [2.8-7.4]
	45-49	46	7.9	5.8 [4.3-7.8]	37	4.7	7.9 [5.6-10.9]	9	3.2	2.8 [1.3-5.3]
	50-54	67	6.2	10.7 [8.3-13.6]	57	4.5	12.7 [9.6-16.4]	10	1.8	5.7 [2.7-10.5]
	55-59	64	3.7	17.5 [13.4-22.3]	53	2.8	19.3 [14.4-25.2]	11	1	11.0 [5.5-19.7]
	60-64	28	1.1	25.8 [17.2-37.4]	25	0.8	30.0 [19.4-44.3]	NA	NA	NA
Larynx(C32)	25-29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-34	NA	NA	NA	NA	NA	NA	NA	NA	NA
	35-39	NA	NA	NA	NA	NA	NA	NA	NA	NA
	40-44	NA	NA	NA	NA	NA	NA	NA	NA	NA
	45-49	10	7.9	1.3 [0.6-2.3]	10	4.7	2.1 [1.0-3.9]	NA	NA	NA
	50-54	19	6.2	3.0 [1.8-4.7]	18	4.5	4.0 [2.4-6.3]	NA	NA	NA
	55-59	24	3.7	6.5 [4.2-9.7]	23	2.8	8.4 [5.3-12.5]	NA	NA	NA
	60-64	6	1.1	5.5 [2.0-12.1]	6	0.8	7.2 [2.6-15.7]	NA	NA	NA

Supplementary Table 4. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Trachea, bronchus and lung (C33-C34)	25-29	6	5	1.2 [0.4-2.6]	NA	NA	NA	6	4	1.5 [0.6-3.3]
	30-34	18	7.7	2.3 [1.4-3.7]	NA	NA	NA	13	5.1	2.6 [1.4-4.4]
	35-39	37	7.8	4.7 [3.3-6.5]	14	3.3	4.2 [2.3-7.0]	23	4.5	5.1 [3.2-7.7]
	40-44	87	7.8	11.2 [9.0-13.8]	39	3.9	10.0 [7.1-13.6]	48	3.8	12.5 [9.2-16.6]
	45-49	166	7.9	21.0 [17.9-24.4]	104	4.7	22.3 [18.2-27.0]	62	3.2	19.1 [14.6-24.5]
	50-54	234	6.2	37.4 [32.8-42.6]	169	4.5	37.6 [32.1-43.7]	65	1.8	37.1 [28.7-47.3]
	55-59	252	3.7	68.7 [60.5-77.8]	214	2.7	80.2 [69.9-91.8]	38	1	38.0 [26.9-52.2]
	60-64	135	1.1	124.6 [104.5-147.5]	118	0.8	141.6 [117.2-169.6]	17	0.2	68.0 [39.6-108.9]
Other and ill-defined sites in the respiratory system and intrathoracic organs(C30-C31, C37-C39)	25-29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-34	8	7.7	1.0 [0.5-2.1]	NA	NA	NA	NA	NA	NA
	35-39	9	7.8	1.1 [0.5-2.2]	NA	NA	NA	6	4.5	1.3 [0.5-2.9]
	40-44	11	7.8	1.4 [0.7-2.5]	8	3.9	2.0 [0.9-4.0]	NA	NA	NA
	45-49	16	7.9	2.0 [1.2-3.3]	8	4.7	1.7 [0.7-3.4]	8	3.2	2.5 [1.1-4.9]
	50-54	20	6.2	3.2 [2.0-4.9]	19	4.5	4.2 [2.5-6.6]	NA	NA	NA
	55-59	9	3.7	2.5 [1.1-4.7]	8	2.8	2.9 [1.3-5.7]	NA	NA	NA
	60-64	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bone and articular cartilage (C40-C41)	25-29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-34	7	7.7	0.9 [0.4-1.9]	NA	NA	NA	NA	NA	NA
	35-39	NA	NA	NA	NA	NA	NA	NA	NA	NA
	40-44	NA	NA	NA	NA	NA	NA	NA	NA	NA
	45-49	6	7.9	0.8 [0.3-1.6]	NA	NA	NA	NA	NA	NA
	50-54	15	6.2	2.4 [1.3-4.0]	10	4.5	2.2 [1.1-4.1]	NA	NA	NA
	55-59	NA	NA	NA	NA	NA	NA	NA	NA	NA
	60-64	NA	NA	NA	NA	NA	NA	NA	NA	NA

Supplementary Table 4. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Melanoma (C43)	25-29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-34	NA	NA	NA	NA	NA	NA	NA	NA	NA
	35-39	NA	NA	NA	NA	NA	NA	NA	NA	NA
	40-44	NA	NA	NA	NA	NA	NA	NA	NA	NA
	45-49	13	7.9	1.6 [0.9-2.8]	12	4.7	2.6 [1.3-4.5]	NA	NA	NA
	50-54	8	6.2	1.3 [0.6-2.5]	NA	NA	NA	NA	NA	NA
	55-59	6	3.7	1.6 [0.6-3.6]	NA	NA	NA	NA	NA	NA
	60-64	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other malignant neoplasms of skin(C44)	25-29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-34	NA	NA	NA	NA	NA	NA	NA	NA	NA
	35-39	6	7.8	0.8 [0.3-1.7]	NA	NA	NA	NA	NA	NA
	40-44	16	7.8	2.1 [1.2-3.4]	7	3.9	1.8 [0.7-3.7]	9	3.8	2.3 [1.1-4.5]
	45-49	37	7.9	4.7 [3.3-6.4]	28	4.7	6.0 [4.0-8.7]	9	3.2	2.8 [1.3-5.3]
	50-54	26	6.2	4.2 [2.7-6.1]	18	4.5	4.0 [2.4-6.3]	8	1.8	4.6 [2.0-9.0]
	55-59	29	3.7	7.9 [5.3-11.4]	23	2.8	8.4 [5.3-12.5]	6	1	6.0 [2.2-13.1]
	60-64	13	1.1	12.0 [6.4-20.5]	11	0.8	13.2 [6.6-23.6]	NA	NA	NA
Mesothelial and soft tissue (C45-C49)	25-29	8	5	1.6 [0.7-3.2]	NA	NA	NA	NA	NA	NA
	30-34	18	7.7	2.3 [1.4-3.7]	NA	NA	NA	15	5.1	3.0 [1.7-4.9]
	35-39	17	7.8	2.2 [1.3-3.5]	9	3.3	2.7 [1.2-5.1]	8	4.5	1.8 [0.8-3.5]
	40-44	16	7.8	2.1 [1.2-3.4]	7	3.9	1.8 [0.7-3.7]	9	3.8	2.3 [1.1-4.5]
	45-49	34	7.9	4.3 [3.0-6.0]	16	4.7	3.4 [2.0-5.6]	18	3.2	5.5 [3.3-8.8]
	50-54	32	6.2	5.1 [3.5-7.2]	21	4.5	4.7 [2.9-7.1]	11	1.8	6.3 [3.1-11.2]
	55-59	23	3.7	6.3 [4.0-9.4]	17	2.8	6.2 [3.6-9.9]	6	1	6.0 [2.2-13.1]
	60-64	NA	NA	NA	NA	NA	NA	NA	NA	NA

Supplementary Table 4. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Breast(C50)	25-29	67	5	13.4 [10.4-17.0]	NA	NA	NA	67	4	16.8 [13.0-21.3]
	30-34	214	7.7	27.9 [24.3-31.9]	NA	NA	NA	213	5.1	41.9 [36.5-47.9]
	35-39	440	7.8	56.8 [51.6-62.3]	NA	NA	NA	439	4.5	97.6 [88.6-107.1]
	40-44	590	7.8	76.1 [70.1-82.5]	NA	NA	NA	590	3.8	153.9 [141.7-166.8]
	45-49	651	7.9	82.2 [76.0-88.8]	NA	NA	NA	650	3.2	200.0 [184.9-216.0]
	50-54	309	6.2	49.4 [44.1-55.3]	NA	NA	NA	306	1.8	174.9 [155.8-195.6]
	55-59	185	3.7	50.5 [43.4-58.3]	NA	NA	NA	180	1	180.0 [154.7-208.3]
	60-64	47	1.1	43.4 [31.9-57.7]	NA	NA	NA	46	0.2	184.0 [134.7-245.4]
Cervix uteri(C53)	25-29	6	5	1.2 [0.4-2.6]	0	1.1	0.0 [0.0-3.4]	6	4	1.5 [0.6-3.3]
	30-34	28	7.7	3.7 [2.4-5.3]	NA	NA	NA	28	5.1	5.5 [3.7-8.0]
	35-39	23	7.8	2.9 [1.9-4.4]	NA	NA	NA	23	4.5	5.1 [3.2-7.7]
	40-44	45	7.8	5.8 [4.2-7.8]	NA	NA	NA	45	3.8	11.7 [8.6-15.7]
	45-49	33	7.9	4.2 [2.9-5.9]	NA	NA	NA	33	3.2	10.2 [7.0-14.3]
	50-54	24	6.2	3.8 [2.5-5.7]	NA	NA	NA	24	1.8	13.7 [8.8-20.4]
	55-59	9	3.7	2.5 [1.1-4.7]	NA	NA	NA	9	1	9.0 [4.1-17.1]
	60-64	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other and part unspecified of uterus (C54-C55)	25-29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-34	23	7.7	3.0 [1.9-4.5]	NA	NA	NA	23	5.1	4.5 [2.9-6.8]
	35-39	23	7.8	2.9 [1.9-4.4]	NA	NA	NA	23	4.5	5.1 [3.2-7.7]
	40-44	46	7.8	5.9 [4.3-7.9]	NA	NA	NA	46	3.8	12.0 [8.8-16.0]
	45-49	73	7.9	9.2 [7.2-11.6]	NA	NA	NA	73	3.2	22.5 [17.6-28.2]
	50-54	47	6.2	7.5 [5.5-10.0]	NA	NA	NA	47	1.8	26.9 [19.7-35.7]
	55-59	17	3.7	4.6 [2.7-7.4]	NA	NA	NA	17	1	17.0 [9.9-27.2]
	60-64	6	1.1	5.5 [2.0-12.1]	NA	NA	NA	6	0.2	24.0 [8.8-52.2]

Supplementary Table 4. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
other and unspecified female genital organs(C51–C52, C56–C58)	25–29	16	5	3.2 [1.8–5.2]	NA	NA	NA	16	4	4.0 [2.3–6.5]
	30–34	34	7.7	4.4 [3.1–6.2]	NA	NA	NA	34	5.1	6.7 [4.6–9.3]
	35–39	43	7.8	5.5 [4.0–7.4]	NA	NA	NA	43	4.5	9.6 [6.9–12.9]
	40–44	61	7.8	7.9 [6.0–10.1]	NA	NA	NA	61	3.8	15.9 [12.2–20.4]
	45–49	59	7.9	7.5 [5.7–9.6]	NA	NA	NA	59	3.2	18.2 [13.8–23.4]
	50–54	39	6.2	6.2 [4.4–8.5]	NA	NA	NA	39	1.8	22.3 [15.8–30.5]
	55–59	30	3.7	8.2 [5.5–11.7]	NA	NA	NA	30	1	30.0 [20.2–42.8]
	60–64	8	1.1	7.4 [3.2–14.6]	NA	NA	NA	8	0.2	32.0 [13.8–63.1]
Prostate(C61)	25–29	0	5	0.0 [0.0–0.7]	0	1.1	0.0 [0.0–3.4]	0	4	0.0 [0.0–0.9]
	30–34	NA	NA	NA	NA	NA	NA	NA	NA	NA
	35–39	NA	NA	NA	NA	NA	NA	NA	NA	NA
	40–44	14	7.8	1.8 [1.0–3.0]	14	3.9	3.6 [2.0–6.0]	NA	NA	NA
	45–49	60	7.9	7.6 [5.8–9.8]	60	4.7	12.9 [9.8–16.5]	NA	NA	NA
	50–54	160	6.2	25.6 [21.8–29.9]	160	4.5	35.6 [30.3–41.5]	NA	NA	NA
	55–59	283	3.7	77.2 [68.5–86.7]	283	2.7	106.1 [94.1–119.2]	NA	NA	NA
	60–64	149	1.1	137.5 [116.3–161.5]	149	0.8	178.8 [151.2–209.9]	NA	NA	NA
Other and unspecified male genital organs (C60, C62–C63)	25–29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30–34	NA	NA	NA	NA	NA	NA	NA	NA	NA
	35–39	NA	NA	NA	NA	NA	NA	NA	NA	NA
	40–44	NA	NA	NA	NA	NA	NA	NA	NA	NA
	45–49	NA	NA	NA	NA	NA	NA	NA	NA	NA
	50–54	NA	NA	NA	NA	NA	NA	NA	NA	NA
	55–59	NA	NA	NA	NA	NA	NA	NA	NA	NA
	60–64	NA	NA	NA	NA	NA	NA	NA	NA	NA

Supplementary Table 4. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Bladder(C64)	25-29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-34	7	7.7	0.9 [0.4-1.9]	NA	NA	NA	NA	NA	NA
	35-39	14	7.8	1.8 [1.0-3.0]	10	3.3	3.0 [1.4-5.5]	NA	NA	NA
	40-44	17	7.8	2.2 [1.3-3.5]	15	3.9	3.8 [2.1-6.3]	NA	NA	NA
	45-49	35	7.9	4.4 [3.1-6.1]	31	4.7	6.6 [4.5-9.4]	NA	NA	NA
	50-54	68	6.2	10.9 [8.4-13.8]	63	4.5	14.0 [10.8-17.9]	NA	NA	NA
	55-59	71	3.7	19.4 [15.1-24.4]	66	2.8	24.0 [18.6-30.5]	NA	NA	NA
	60-64	46	1.1	42.5 [31.1-56.6]	43	0.8	51.6 [37.3-69.5]	NA	NA	NA
Other and unspecified urinary organs (C64-C66,C68)	25-29	6	5	1.2 [0.4-2.6]	NA	NA	NA	NA	NA	NA
	30-34	23	7.7	3.0 [1.9-4.5]	10	2.6	3.9 [1.9-7.1]	13	5.1	2.6 [1.4-4.4]
	35-39	37	7.8	4.7 [3.3-6.5]	22	3.2	6.8 [4.2-10.2]	15	4.5	3.3 [1.9-5.5]
	40-44	64	7.8	8.3 [6.4-10.5]	47	3.9	12.0 [8.8-16.0]	17	3.8	4.4 [2.6-7.1]
	45-49	92	7.9	11.6 [9.4-14.3]	72	4.7	15.4 [12.1-19.4]	20	3.2	6.2 [3.8-9.5]
	50-54	134	6.2	21.4 [18.0-25.4]	122	4.5	27.1 [22.5-32.4]	12	1.8	6.9 [3.5-12.0]
	55-59	92	3.7	25.1 [20.2-30.8]	81	2.8	29.5 [23.4-36.6]	11	1	11.0 [5.5-19.7]
	60-64	47	1.1	43.4 [31.9-57.7]	45	0.8	54.0 [39.4-72.3]	NA	NA	NA
Eye and adnexa(C69)	25-29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-34	NA	NA	NA	NA	NA	NA	NA	NA	NA
	35-39	NA	NA	NA	NA	NA	NA	NA	NA	NA
	40-44	NA	NA	NA	NA	NA	NA	NA	NA	NA
	45-49	NA	NA	NA	NA	NA	NA	NA	NA	NA
	50-54	NA	NA	NA	NA	NA	NA	NA	NA	NA
	55-59	NA	NA	NA	NA	NA	NA	NA	NA	NA
	60-64	NA	NA	NA	NA	NA	NA	NA	NA	NA



Supplementary Table 4. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Brain(C71)	25-29	8	5	1.6 [0.7-3.2]	NA	NA	NA	7	4	1.8 [0.7-3.6]
	30-34	19	7.7	2.5 [1.5-3.9]	NA	NA	NA	15	5.1	3.0 [1.7-4.9]
	35-39	19	7.8	2.4 [1.5-3.8]	6	3.3	1.8 [0.7-3.9]	13	4.5	2.9 [1.5-4.9]
	40-44	24	7.8	3.1 [2.0-4.6]	14	3.9	3.6 [2.0-6.0]	10	3.8	2.6 [1.3-4.8]
	45-49	33	7.9	4.2 [2.9-5.9]	23	4.7	4.9 [3.1-7.4]	10	3.2	3.1 [1.5-5.7]
	50-54	27	6.2	4.3 [2.8-6.3]	19	4.5	4.2 [2.5-6.6]	8	1.8	4.6 [2.0-9.0]
	55-59	24	3.7	6.5 [4.2-9.7]	21	2.8	7.6 [4.7-11.7]	NA	NA	NA
	60-64	11	1.1	10.2 [5.1-18.2]	7	0.8	8.4 [3.4-17.3]	NA	NA	NA
Spinal cord, cranial nerves, meninges and other parts of central nervous system (C70,C72)	25-29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-34	NA	NA	NA	NA	NA	NA	NA	NA	NA
	35-39	NA	NA	NA	NA	NA	NA	NA	NA	NA
	40-44	NA	NA	NA	NA	NA	NA	NA	NA	NA
	45-49	NA	NA	NA	NA	NA	NA	NA	NA	NA
	50-54	7	6.2	1.1 [0.5-2.3]	NA	NA	NA	NA	NA	NA
	55-59	NA	NA	NA	NA	NA	NA	NA	NA	NA
	60-64	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other ill-defined, unspecified, secondary malignant neoplasms (C73-C80, C97)	25-29	459	5	91.8 [83.6-100.6]	34	1.1	31.4 [21.7-43.9]	425	3.9	108.5 [98.4-119.3]
	30-34	993	7.7	129.5 [121.6-137.8]	139	2.6	53.8 [45.2-63.5]	854	5	170.8 [159.5-182.7]
	35-39	1175	7.8	151.6 [143.1-160.5]	179	3.2	55.1 [47.3-63.8]	996	4.5	221.3 [207.8-235.5]
	40-44	1263	7.8	163.0 [154.1-172.2]	283	3.9	72.3 [64.1-81.2]	980	3.8	255.7 [239.9-272.2]
	45-49	1262	7.8	161.1 [152.3-170.2]	403	4.7	86.4 [78.1-95.2]	859	3.2	264.3 [246.9-282.6]
	50-54	968	6.2	154.9 [145.3-165.0]	483	4.5	107.3 [98.0-117.3]	485	1.8	277.1 [253.0-302.9]
	55-59	583	3.7	159.0 [146.4-172.4]	317	2.7	118.9 [106.1-132.7]	266	1	266.0 [235.0-300.0]
	60-64	157	1.1	144.9 [123.1-169.4]	94	0.8	112.8 [91.2-138.0]	63	0.2	252.0 [193.6-322.4]

Supplementary Table 4. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Hodgkin lymphoma(C81)	25-29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-34	NA	NA	NA	NA	NA	NA	NA	NA	NA
	35-39	NA	NA	NA	NA	NA	NA	NA	NA	NA
	40-44	NA	NA	NA	NA	NA	NA	NA	NA	NA
	45-49	NA	NA	NA	NA	NA	NA	NA	NA	NA
	50-54	NA	NA	NA	NA	NA	NA	NA	NA	NA
	55-59	NA	NA	NA	NA	NA	NA	NA	NA	NA
	60-64	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-Hodgkin lymphoma (C82-85)	25-29	9	5	1.8 [0.8-3.4]	NA	NA	NA	8	4	2.0 [0.9-3.9]
	30-34	14	7.7	1.8 [1.0-3.1]	6	2.6	2.3 [0.9-5.1]	8	5.1	1.6 [0.7-3.1]
	35-39	34	7.8	4.3 [3.0-6.1]	15	3.3	4.5 [2.5-7.4]	19	4.5	4.2 [2.5-6.6]
	40-44	41	7.8	5.3 [3.8-7.2]	24	3.9	6.1 [3.9-9.1]	17	3.8	4.4 [2.6-7.1]
	45-49	53	7.9	6.7 [5.0-8.8]	33	4.7	7.1 [4.9-9.9]	20	3.2	6.2 [3.8-9.5]
	50-54	62	6.2	9.9 [7.6-12.7]	48	4.5	10.7 [7.9-14.1]	14	1.8	8.0 [4.4-13.4]
	55-59	60	3.7	16.4 [12.5-21.1]	55	2.8	20.0 [15.1-26.0]	NA	NA	NA
	60-64	22	1.1	20.3 [12.7-30.7]	19	0.8	22.8 [13.7-35.6]	NA	NA	NA
Leukemia (C91-C95)	25-29	6	5	1.2 [0.4-2.6]	NA	NA	NA	NA	NA	NA
	30-34	22	7.7	2.9 [1.8-4.3]	13	2.6	5.0 [2.7-8.6]	9	5.1	1.8 [0.8-3.4]
	35-39	29	7.8	3.7 [2.5-5.3]	12	3.3	3.6 [1.9-6.3]	17	4.5	3.8 [2.2-6.0]
	40-44	26	7.8	3.4 [2.2-4.9]	14	3.9	3.6 [2.0-6.0]	12	3.8	3.1 [1.6-5.5]
	45-49	39	7.9	4.9 [3.5-6.7]	21	4.7	4.5 [2.8-6.9]	18	3.2	5.5 [3.3-8.8]
	50-54	42	6.2	6.7 [4.8-9.1]	34	4.5	7.6 [5.2-10.6]	8	1.8	4.6 [2.0-9.0]
	55-59	39	3.7	10.6 [7.6-14.5]	33	2.8	12.0 [8.3-16.9]	6	1	6.0 [2.2-13.1]
	60-64	11	1.1	10.2 [5.1-18.2]	8	0.8	9.6 [4.1-18.9]	3	0.2	12.0 [2.5-35.1]

Supplementary Table 4. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C88-C90,C96)	25-29	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-34	6	7.7	0.8 [0.3-1.7]	NA	NA	NA	NA	NA	NA
	35-39	11	7.8	1.4 [0.7-2.5]	NA	NA	NA	7	4.5	1.6 [0.6-3.2]
	40-44	20	7.8	2.6 [1.6-4.0]	12	3.9	3.1 [1.6-5.4]	8	3.8	2.1 [0.9-4.1]
	45-49	23	7.9	2.9 [1.8-4.4]	15	4.7	3.2 [1.8-5.3]	8	3.2	2.5 [1.1-4.9]
	50-54	39	6.2	6.2 [4.4-8.5]	30	4.5	6.7 [4.5-9.5]	9	1.8	5.1 [2.4-9.8]
	55-59	37	3.7	10.1 [7.1-13.9]	29	2.8	10.5 [7.1-15.1]	8	1	8.0 [3.5-15.8]
	60-64	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carcinoma in situ of cervix uteri (D06)	25-29	27	5	5.4 [3.6-7.9]	NA	NA	NA	27	4	6.8 [4.4-9.8]
	30-34	62	7.7	8.1 [6.2-10.4]	NA	NA	NA	62	5.1	12.2 [9.4-15.6]
	35-39	79	7.8	10.1 [8.0-12.6]	NA	NA	NA	79	4.5	17.6 [13.9-21.9]
	40-44	77	7.8	9.9 [7.8-12.4]	NA	NA	NA	77	3.8	20.1 [15.9-25.1]
	45-49	47	7.9	5.9 [4.4-7.9]	NA	NA	NA	47	3.2	14.5 [10.6-19.2]
	50-54	16	6.2	2.6 [1.5-4.2]	NA	NA	NA	16	1.8	9.1 [5.2-14.8]
	55-59	NA	NA	NA	NA	NA	NA	NA	NA	NA
	60-64	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benign neoplasm of skin (D22-D23)	25-29	16	5	3.2 [1.8-5.2]	NA	NA	NA	13	4	3.2 [1.7-5.6]
	30-34	40	7.7	5.2 [3.7-7.1]	16	2.6	6.2 [3.5-10.1]	24	5.1	4.7 [3.0-7.0]
	35-39	31	7.8	4.0 [2.7-5.6]	12	3.3	3.6 [1.9-6.3]	19	4.5	4.2 [2.5-6.6]
	40-44	53	7.8	6.8 [5.1-8.9]	31	3.9	7.9 [5.4-11.2]	22	3.8	5.7 [3.6-8.7]
	45-49	43	7.9	5.4 [3.9-7.3]	30	4.7	6.4 [4.3-9.2]	13	3.2	4.0 [2.1-6.8]
	50-54	47	6.2	7.5 [5.5-10.0]	36	4.5	8.0 [5.6-11.1]	11	1.8	6.3 [3.1-11.2]
	55-59	15	3.7	4.1 [2.3-6.7]	13	2.8	4.7 [2.5-8.1]	NA	NA	NA
	60-64	NA	NA	NA	NA	NA	NA	NA	NA	NA

Supplementary Table 4. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Benign neoplasm of breast (D24)	25-29	579	5	115.8 [106.6-125.6]	NA	NA	NA	579	3.9	147.8 [136.0-160.4]
	30-34	889	7.7	116.0 [108.5-123.8]	NA	NA	NA	889	5	177.8 [166.3-189.9]
	35-39	1063	7.8	137.2 [129.0-145.7]	NA	NA	NA	1063	4.5	236.2 [222.2-250.9]
	40-44	905	7.8	116.8 [109.3-124.6]	NA	NA	NA	905	3.8	236.1 [221.0-252.0]
	45-49	543	7.9	68.6 [62.9-74.6]	NA	NA	NA	540	3.2	166.2 [152.4-180.8]
	50-54	167	6.2	26.7 [22.8-31.1]	NA	NA	NA	165	1.8	94.3 [80.4-109.8]
	55-59	69	3.7	18.8 [14.6-23.8]	NA	NA	NA	68	1	68.0 [52.8-86.2]
	60-64	13	1.1	12.0 [6.4-20.5]	NA	NA	NA	12	0.2	48.0 [24.8-83.8]
Leiomyoma of uterus(D25)	25-29	571	5	114.2 [105.0-124.0]	NA	NA	NA	571	3.9	145.8 [134.1-158.3]
	30-34	1102	7.7	143.7 [135.4-152.5]	NA	NA	NA	1102	5	220.4 [207.6-233.8]
	35-39	1831	7.8	236.3 [225.6-247.3]	NA	NA	NA	1831	4.4	414.6 [395.8-434.0]
	40-44	2271	7.7	296.2 [284.2-308.7]	NA	NA	NA	2271	3.8	605.6 [580.9-631.0]
	45-49	1450	7.8	185.1 [175.7-194.9]	NA	NA	NA	1450	3.2	457.9 [434.6-482.1]
	50-54	254	6.2	40.6 [35.8-46.0]	NA	NA	NA	254	1.8	145.1 [127.8-164.1]
	55-59	49	3.7	13.4 [9.9-17.7]	NA	NA	NA	49	1	49.0 [36.3-64.8]
	60-64	14	1.1	12.9 [7.1-21.7]	NA	NA	NA	14	0.2	56.0 [30.6-94.0]
Benign neoplasm of ovary(D27)	25-29	599	5	119.8 [110.4-129.8]	NA	NA	NA	599	3.9	152.9 [140.9-165.7]
	30-34	583	7.7	76.0 [70.0-82.5]	NA	NA	NA	583	5	116.6 [107.3-126.5]
	35-39	434	7.8	56.0 [50.9-61.5]	NA	NA	NA	434	4.5	96.4 [87.6-106.0]
	40-44	309	7.8	39.9 [35.5-44.6]	NA	NA	NA	309	3.8	80.6 [71.9-90.1]
	45-49	200	7.9	25.3 [21.9-29.0]	NA	NA	NA	200	3.2	61.5 [53.3-70.7]
	50-54	88	6.2	14.1 [11.3-17.3]	NA	NA	NA	88	1.8	50.3 [40.3-62.0]
	55-59	33	3.7	9.0 [6.2-12.6]	NA	NA	NA	33	1	33.0 [22.7-46.3]
	60-64	NA	NA	NA	NA	NA	NA	NA	NA	NA

Supplementary Table 4. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Benign neoplasm of urinary organs(D30)	25-29	8	5	1.6 [0.7-3.2]	NA	NA	NA	7	4	1.8 [0.7-3.6]
	30-34	13	7.7	1.7 [0.9-2.9]	6	2.6	2.3 [0.9-5.1]	7	5.1	1.4 [0.6-2.8]
	35-39	19	7.8	2.4 [1.5-3.8]	7	3.3	2.1 [0.8-4.3]	12	4.5	2.7 [1.4-4.7]
	40-44	20	7.8	2.6 [1.6-4.0]	10	3.9	2.6 [1.2-4.7]	10	3.8	2.6 [1.3-4.8]
	45-49	19	7.9	2.4 [1.4-3.7]	9	4.7	1.9 [0.9-3.7]	10	3.2	3.1 [1.5-5.7]
	50-54	43	6.2	6.9 [5.0-9.3]	30	4.5	6.7 [4.5-9.5]	13	1.8	7.4 [4.0-12.7]
	55-59	24	3.7	6.5 [4.2-9.7]	17	2.8	6.2 [3.6-9.9]	7	1	7.0 [2.8-14.4]
	60-64	6	1.1	5.5 [2.0-12.1]	NA	NA	NA	NA	NA	NA
Benign neoplasm of brain and other parts of central nervous system (D33)	25-29	6	5	1.2 [0.4-2.6]	NA	NA	NA	NA	NA	NA
	30-34	25	7.7	3.3 [2.1-4.8]	11	2.6	4.3 [2.1-7.6]	14	5.1	2.8 [1.5-4.6]
	35-39	31	7.8	4.0 [2.7-5.6]	13	3.3	3.9 [2.1-6.7]	18	4.5	4.0 [2.4-6.3]
	40-44	48	7.8	6.2 [4.6-8.2]	27	3.9	6.9 [4.5-10.0]	21	3.8	5.5 [3.4-8.4]
	45-49	45	7.9	5.7 [4.1-7.6]	25	4.7	5.4 [3.5-7.9]	20	3.2	6.2 [3.8-9.5]
	50-54	55	6.2	8.8 [6.6-11.5]	35	4.5	7.8 [5.4-10.8]	20	1.8	11.4 [7.0-17.7]
	55-59	19	3.7	5.2 [3.1-8.1]	14	2.8	5.1 [2.8-8.5]	NA	NA	NA
	60-64	12	1.1	11.1 [5.7-19.3]	8	0.8	9.6 [4.1-18.9]	NA	NA	NA
Other intraepithelial, benign neoplasms and neoplasms of unknown and unknown behavior (D00-D05,D07-D2 1,D26,D28-D29,D 31-D32,D34-D48)	25-29	489	5	97.8 [89.3-106.9]	95	1.1	87.7 [70.9-107.2]	394	3.9	100.6 [90.9-111.0]
	30-34	967	7.7	126.1 [118.3-134.3]	354	2.6	137.0 [123.1-152.1]	613	5.1	120.6 [111.2-130.5]
	35-39	1342	7.8	173.2 [164.0-182.7]	536	3.2	164.9 [151.3-179.5]	806	4.5	179.1 [167.0-191.9]
	40-44	1879	7.7	245.1 [234.1-256.4]	927	3.9	236.7 [221.7-252.4]	952	3.8	248.3 [232.8-264.6]
	45-49	2594	7.8	331.1 [318.5-344.1]	1640	4.6	357.8 [340.7-375.6]	954	3.2	293.5 [275.2-312.8]
	50-54	2879	6.2	466.9 [450.0-484.2]	2180	4.4	493.6 [473.1-514.7]	699	1.8	399.4 [370.4-430.2]
	55-59	1987	3.6	554.5 [530.4-579.4]	1576	2.7	591.0 [562.2-620.9]	411	0.9	448.4 [406.1-493.9]
	60-64	728	1.1	672.0 [624.1-722.6]	590	0.8	708.0 [652.0-767.5]	138	0.2	552.0 [463.7-652.2]

**Supplementary Table 5.** Number of cases, observations (in 10,000 person-years), and incidence rate by each cancer site among total workers based on fixed-industry cohort design [CI: confidence interval]

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Lip, oral cavity and pharynx (C00–C14)	25–29	108	115.2	0.9 [0.8–1.1]	67	62.9	1.1 [0.8–1.4]	41	52.3	0.8 [0.6–1.1]
	30–34	176	121.2	1.5 [1.2–1.7]	135	83.4	1.6 [1.4–1.9]	41	37.8	1.1 [0.8–1.5]
	35–39	267	126.9	2.1 [1.9–2.4]	202	92.7	2.2 [1.9–2.5]	65	34.2	1.9 [1.5–2.4]
	40–44	355	107.8	3.3 [3.0–3.7]	295	77.3	3.8 [3.4–4.3]	60	30.5	2.0 [1.5–2.5]
	45–49	511	97.8	5.2 [4.8–5.7]	442	70.8	6.2 [5.7–6.8]	69	27	2.6 [2.0–3.2]
	50–54	519	66.9	7.8 [7.1–8.5]	470	49.9	9.4 [8.6–10.3]	49	17	2.9 [2.1–3.8]
	55–59	362	34.5	10.5 [9.4–11.6]	335	26.2	12.8 [11.5–14.2]	27	8.3	3.2 [2.1–4.7]
	60–64	222	17.5	12.7 [11.1–14.5]	212	13.8	15.4 [13.4–17.6]	10	3.8	2.7 [1.3–4.9]
Oesophagus(C15)	25–29	6	115.2	0.1 [0.0–0.1]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	30–34	8	121.2	0.1 [0.0–0.1]	7	83.4	0.1 [0.0–0.2]	NA	NA	NA [NA–NA]
	35–39	31	126.9	0.2 [0.2–0.3]	26	92.7	0.3 [0.2–0.4]	NA	NA	NA [NA–NA]
	40–44	72	107.8	0.7 [0.5–0.8]	71	77.3	0.9 [0.7–1.2]	NA	NA	NA [NA–NA]
	45–49	230	97.8	2.4 [2.1–2.7]	221	70.8	3.1 [2.7–3.6]	9	27	0.3 [0.2–0.6]
	50–54	379	66.9	5.7 [5.1–6.3]	368	49.9	7.4 [6.6–8.2]	11	17	0.6 [0.3–1.2]
	55–59	375	34.5	10.9 [9.8–12.0]	364	26.2	13.9 [12.5–15.4]	11	8.3	1.3 [0.7–2.4]
	60–64	286	17.5	16.3 [14.5–18.4]	284	13.8	20.7 [18.3–23.2]	NA	NA	NA [NA–NA]
Gastric(C16)	25–29	517	115.2	4.5 [4.1–4.9]	250	62.9	4.0 [3.5–4.5]	267	52.3	5.1 [4.5–5.8]
	30–34	1191	121.2	9.8 [9.3–10.4]	801	83.4	9.6 [8.9–10.3]	390	37.8	10.3 [9.3–11.4]
	35–39	2377	126.8	18.7 [18.0–19.5]	1850	92.6	20.0 [19.1–20.9]	527	34.2	15.4 [14.1–16.8]
	40–44	3337	107.7	31.0 [30.0–32.1]	2718	77.2	35.2 [33.9–36.6]	619	30.4	20.4 [18.8–22.0]
	45–49	5099	97.6	52.3 [50.8–53.7]	4404	70.7	62.3 [60.5–64.2]	695	26.9	25.8 [23.9–27.8]
	50–54	5388	66.6	80.9 [78.8–83.1]	4816	49.7	97.0 [94.2–99.7]	572	17	33.6 [30.9–36.5]
	55–59	3959	34.3	115.3 [111.7–119.0]	3589	26	138.0 [133.6–142.6]	370	8.3	44.4 [40.0–49.2]
	60–64	2947	17.4	169.2 [163.2–175.4]	2687	13.7	196.6 [189.2–204.2]	260	3.8	69.3 [61.2–78.3]

Supplementary Table 5. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Colon(C18)	25-29	211	115.2	1.8 [1.6-2.1]	130	62.9	2.1 [1.7-2.5]	81	52.3	1.5 [1.2-1.9]
	30-34	398	121.2	3.3 [3.0-3.6]	267	83.4	3.2 [2.8-3.6]	131	37.8	3.5 [2.9-4.1]
	35-39	796	126.8	6.3 [5.8-6.7]	596	92.6	6.4 [5.9-7.0]	200	34.2	5.8 [5.1-6.7]
	40-44	1195	107.8	11.1 [10.5-11.7]	882	77.2	11.4 [10.7-12.2]	313	30.4	10.3 [9.2-11.5]
	45-49	2033	97.8	20.8 [19.9-21.7]	1617	70.8	22.8 [21.7-24.0]	416	27	15.4 [14.0-17.0]
	50-54	2310	66.8	34.6 [33.2-36.0]	1891	49.8	37.9 [36.3-39.7]	419	17	24.6 [22.3-27.1]
	55-59	1951	34.4	56.7 [54.2-59.3]	1648	26.1	63.2 [60.2-66.3]	303	8.3	36.4 [32.4-40.7]
	60-64	1469	17.4	84.3 [80.1-88.8]	1311	13.7	95.9 [90.8-101.3]	158	3.8	42.1 [35.8-49.2]
Rectosigmoid junction, rectum, anus and anal canal (C19-C21)	25-29	222	115.2	1.9 [1.7-2.2]	139	62.9	2.2 [1.9-2.6]	83	52.3	1.6 [1.3-2.0]
	30-34	461	121.2	3.8 [3.5-4.2]	334	83.4	4.0 [3.6-4.5]	127	37.8	3.4 [2.8-4.0]
	35-39	816	126.8	6.4 [6.0-6.9]	668	92.6	7.2 [6.7-7.8]	148	34.2	4.3 [3.7-5.1]
	40-44	1166	107.8	10.8 [10.2-11.5]	923	77.2	11.9 [11.2-12.7]	243	30.5	8.0 [7.0-9.0]
	45-49	1804	97.8	18.5 [17.6-19.3]	1482	70.8	20.9 [19.9-22.0]	322	27	11.9 [10.7-13.3]
	50-54	1898	66.8	28.4 [27.1-29.7]	1622	49.8	32.5 [31.0-34.2]	276	17	16.2 [14.4-18.3]
	55-59	1436	34.4	41.7 [39.6-43.9]	1264	26.1	48.5 [45.8-51.2]	172	8.3	20.6 [17.7-24.0]
	60-64	1030	17.5	58.9 [55.3-62.6]	911	13.8	66.3 [62.0-70.7]	119	3.8	31.7 [26.3-38.0]
Liver and intrahepatic bile ducts (C22)	25-29	124	115.2	1.1 [0.9-1.3]	98	62.9	1.6 [1.3-1.9]	26	52.3	0.5 [0.3-0.7]
	30-34	416	121.2	3.4 [3.1-3.8]	379	83.4	4.5 [4.1-5.0]	37	37.8	1.0 [0.7-1.4]
	35-39	973	126.9	7.7 [7.2-8.2]	915	92.6	9.9 [9.3-10.5]	58	34.2	1.7 [1.3-2.2]
	40-44	1793	107.8	16.6 [15.9-17.4]	1673	77.2	21.7 [20.6-22.7]	120	30.5	3.9 [3.3-4.7]
	45-49	3193	97.8	32.7 [31.5-33.8]	3012	70.8	42.6 [41.1-44.1]	181	27	6.7 [5.8-7.8]
	50-54	3274	66.8	49.0 [47.4-50.8]	3083	49.8	62.0 [59.8-64.2]	191	17	11.2 [9.7-12.9]
	55-59	2161	34.4	62.8 [60.2-65.5]	1999	26.1	76.6 [73.3-80.1]	162	8.3	19.4 [16.6-22.7]
	60-64	1391	17.5	79.5 [75.4-83.8]	1281	13.8	93.2 [88.1-98.4]	110	3.8	29.3 [24.1-35.4]

Supplementary Table 5. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Pancrea(C25)	25-29	32	115.2	0.3 [0.2-0.4]	25	62.9	0.4 [0.3-0.6]	7	52.3	0.1 [0.1-0.3]
	30-34	100	121.2	0.8 [0.7-1.0]	73	83.4	0.9 [0.7-1.1]	27	37.8	0.7 [0.5-1.0]
	35-39	189	126.9	1.5 [1.3-1.7]	154	92.7	1.7 [1.4-1.9]	35	34.2	1.0 [0.7-1.4]
	40-44	357	107.8	3.3 [3.0-3.7]	296	77.3	3.8 [3.4-4.3]	61	30.5	2.0 [1.5-2.6]
	45-49	592	97.8	6.1 [5.6-6.6]	475	70.8	6.7 [6.1-7.3]	117	27	4.3 [3.6-5.2]
	50-54	767	66.9	11.5 [10.7-12.3]	645	49.9	12.9 [11.9-14.0]	122	17	7.2 [6.0-8.6]
	55-59	680	34.5	19.7 [18.3-21.2]	576	26.2	22.0 [20.3-23.9]	104	8.3	12.5 [10.2-15.1]
	60-64	509	17.5	29.1 [26.6-31.7]	435	13.8	31.6 [28.7-34.8]	74	3.8	19.7 [15.5-24.8]
Other and ill-defined digestive organs(C17, C23, C24, C26)	25-29	32	115.2	0.3 [0.2-0.4]	20	62.9	0.3 [0.2-0.5]	12	52.3	0.2 [0.1-0.4]
	30-34	91	121.2	0.8 [0.6-0.9]	68	83.4	0.8 [0.6-1.0]	23	37.8	0.6 [0.4-0.9]
	35-39	210	126.9	1.7 [1.4-1.9]	162	92.7	1.7 [1.5-2.0]	48	34.2	1.4 [1.0-1.9]
	40-44	300	107.8	2.8 [2.5-3.1]	230	77.3	3.0 [2.6-3.4]	70	30.5	2.3 [1.8-2.9]
	45-49	598	97.8	6.1 [5.6-6.6]	471	70.8	6.6 [6.1-7.3]	127	27	4.7 [3.9-5.6]
	50-54	761	66.9	11.4 [10.6-12.2]	616	49.9	12.3 [11.4-13.4]	145	17	8.5 [7.2-10.0]
	55-59	692	34.5	20.1 [18.6-21.6]	576	26.2	22.0 [20.3-23.9]	116	8.3	13.9 [11.5-16.7]
	60-64	575	17.5	32.9 [30.2-35.7]	504	13.8	36.7 [33.5-40.0]	71	3.8	18.9 [14.8-23.9]
Larynx(C32)	25-29	6	115.2	0.1 [0.0-0.1]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	10	121.2	0.1 [0.0-0.2]	10	83.4	0.1 [0.1-0.2]	NA	NA	NA [NA-NA]
	35-39	30	126.9	0.2 [0.2-0.3]	28	92.7	0.3 [0.2-0.4]	NA	NA	NA [NA-NA]
	40-44	56	107.8	0.5 [0.4-0.7]	54	77.3	0.7 [0.5-0.9]	NA	NA	NA [NA-NA]
	45-49	141	97.8	1.4 [1.2-1.7]	139	70.8	2.0 [1.6-2.3]	NA	NA	NA [NA-NA]
	50-54	228	66.9	3.4 [3.0-3.9]	223	49.9	4.5 [3.9-5.1]	NA	NA	NA [NA-NA]
	55-59	204	34.5	5.9 [5.1-6.8]	203	26.2	7.8 [6.7-8.9]	NA	NA	NA [NA-NA]
	60-64	170	17.5	9.7 [8.3-11.3]	168	13.8	12.2 [10.4-14.2]	NA	NA	NA [NA-NA]



Supplementary Table 5. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Trachea, bronchus and lung (C33-C34)	25-29	134	115.2	1.2 [1.0-1.4]	72	62.9	1.1 [0.9-1.4]	62	52.3	1.2 [0.9-1.5]
	30-34	297	121.2	2.5 [2.2-2.7]	189	83.4	2.3 [2.0-2.6]	108	37.8	2.9 [2.3-3.5]
	35-39	607	126.9	4.8 [4.4-5.2]	469	92.7	5.1 [4.6-5.5]	138	34.2	4.0 [3.4-4.8]
	40-44	1035	107.8	9.6 [9.0-10.2]	771	77.3	10.0 [9.3-10.7]	264	30.5	8.7 [7.6-9.8]
	45-49	1966	97.8	20.1 [19.2-21.0]	1569	70.8	22.2 [21.1-23.3]	397	27	14.7 [13.3-16.2]
	50-54	2612	66.8	39.1 [37.6-40.6]	2194	49.8	44.0 [42.2-45.9]	418	17	24.6 [22.3-27.1]
	55-59	2584	34.5	74.9 [72.0-77.8]	2315	26.1	88.8 [85.2-92.4]	269	8.3	32.3 [28.5-36.4]
	60-64	2219	17.5	126.8 [121.6-132.2]	2036	13.8	148.1 [141.7-154.6]	183	3.8	48.8 [42.0-56.4]
Other and ill-defined sites in the respiratory system and intrathoracic organs(C30-C31, C37-C39)	25-29	55	115.2	0.5 [0.4-0.6]	36	62.9	0.6 [0.4-0.8]	19	52.3	0.4 [0.2-0.6]
	30-34	90	121.2	0.7 [0.6-0.9]	67	83.4	0.8 [0.6-1.0]	23	37.8	0.6 [0.4-0.9]
	35-39	113	126.9	0.9 [0.7-1.1]	85	92.7	0.9 [0.7-1.1]	28	34.2	0.8 [0.5-1.2]
	40-44	152	107.8	1.4 [1.2-1.7]	117	77.3	1.5 [1.3-1.8]	35	30.5	1.1 [0.8-1.6]
	45-49	147	97.8	1.5 [1.3-1.8]	114	70.9	1.6 [1.3-1.9]	33	27	1.2 [0.8-1.7]
	50-54	132	66.9	2.0 [1.7-2.3]	117	49.9	2.3 [1.9-2.8]	15	17	0.9 [0.5-1.5]
	55-59	94	34.5	2.7 [2.2-3.3]	84	26.2	3.2 [2.6-4.0]	10	8.3	1.2 [0.6-2.2]
	60-64	67	17.5	3.8 [3.0-4.9]	62	13.8	4.5 [3.5-5.8]	NA	NA	NA [NA-NA]
Bone and articular cartilage (C40-C41)	25-29	69	115.2	0.6 [0.5-0.8]	42	62.9	0.7 [0.5-0.9]	27	52.3	0.5 [0.3-0.8]
	30-34	87	121.2	0.7 [0.6-0.9]	62	83.4	0.7 [0.6-1.0]	25	37.8	0.7 [0.4-1.0]
	35-39	74	126.9	0.6 [0.5-0.7]	63	92.7	0.7 [0.5-0.9]	11	34.2	0.3 [0.2-0.6]
	40-44	87	107.8	0.8 [0.6-1.0]	65	77.3	0.8 [0.6-1.1]	22	30.5	0.7 [0.5-1.1]
	45-49	85	97.8	0.9 [0.7-1.1]	59	70.9	0.8 [0.6-1.1]	26	27	1.0 [0.6-1.4]
	50-54	87	66.9	1.3 [1.0-1.6]	67	49.9	1.3 [1.0-1.7]	20	17	1.2 [0.7-1.8]
	55-59	48	34.5	1.4 [1.0-1.8]	39	26.2	1.5 [1.1-2.0]	9	8.3	1.1 [0.5-2.1]
	60-64	38	17.5	2.2 [1.5-3.0]	33	13.8	2.4 [1.7-3.4]	NA	NA	NA [NA-NA]

Supplementary Table 5. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Melanoma (C43)	25-29	34	115.2	0.3 [0.2-0.4]	19	62.9	0.3 [0.2-0.5]	15	52.3	0.3 [0.2-0.5]
	30-34	40	121.2	0.3 [0.2-0.4]	28	83.4	0.3 [0.2-0.5]	12	37.8	0.3 [0.2-0.6]
	35-39	55	126.9	0.4 [0.3-0.6]	40	92.7	0.4 [0.3-0.6]	15	34.2	0.4 [0.2-0.7]
	40-44	60	107.8	0.6 [0.4-0.7]	44	77.3	0.6 [0.4-0.8]	16	30.5	0.5 [0.3-0.9]
	45-49	76	97.8	0.8 [0.6-1.0]	59	70.9	0.8 [0.6-1.1]	17	27	0.6 [0.4-1.0]
	50-54	91	66.9	1.4 [1.1-1.7]	68	49.9	1.4 [1.1-1.7]	23	17	1.4 [0.9-2.0]
	55-59	51	34.5	1.5 [1.1-1.9]	42	26.2	1.6 [1.2-2.2]	9	8.3	1.1 [0.5-2.1]
	60-64	42	17.5	2.4 [1.7-3.2]	36	13.8	2.6 [1.8-3.6]	6	3.8	1.6 [0.6-3.5]
Other malignant neoplasms of skin (C44)	25-29	62	115.2	0.5 [0.4-0.7]	39	62.9	0.6 [0.4-0.8]	23	52.3	0.4 [0.3-0.7]
	30-34	83	121.2	0.7 [0.5-0.8]	54	83.4	0.6 [0.5-0.8]	29	37.8	0.8 [0.5-1.1]
	35-39	128	126.9	1.0 [0.8-1.2]	100	92.7	1.1 [0.9-1.3]	28	34.2	0.8 [0.5-1.2]
	40-44	162	107.8	1.5 [1.3-1.8]	127	77.3	1.6 [1.4-2.0]	35	30.5	1.1 [0.8-1.6]
	45-49	233	97.8	2.4 [2.1-2.7]	178	70.8	2.5 [2.2-2.9]	55	27	2.0 [1.5-2.7]
	50-54	254	66.9	3.8 [3.3-4.3]	200	49.9	4.0 [3.5-4.6]	54	17	3.2 [2.4-4.1]
	55-59	202	34.5	5.9 [5.1-6.7]	168	26.2	6.4 [5.5-7.5]	34	8.3	4.1 [2.8-5.7]
	60-64	168	17.5	9.6 [8.2-11.2]	142	13.8	10.3 [8.7-12.2]	26	3.8	6.9 [4.5-10.2]
Mesothelial and soft tissue (C45-C49)	25-29	113	115.2	1.0 [0.8-1.2]	63	62.9	1.0 [0.8-1.3]	50	52.3	1.0 [0.7-1.3]
	30-34	162	121.2	1.3 [1.1-1.6]	108	83.4	1.3 [1.1-1.6]	54	37.8	1.4 [1.1-1.9]
	35-39	195	126.9	1.5 [1.3-1.8]	137	92.7	1.5 [1.2-1.7]	58	34.2	1.7 [1.3-2.2]
	40-44	204	107.8	1.9 [1.6-2.2]	150	77.3	1.9 [1.6-2.3]	54	30.5	1.8 [1.3-2.3]
	45-49	278	97.8	2.8 [2.5-3.2]	190	70.8	2.7 [2.3-3.1]	88	27	3.3 [2.6-4.0]
	50-54	255	66.9	3.8 [3.4-4.3]	190	49.9	3.8 [3.3-4.4]	65	17	3.8 [3.0-4.9]
	55-59	172	34.5	5.0 [4.3-5.8]	128	26.2	4.9 [4.1-5.8]	44	8.3	5.3 [3.8-7.1]
	60-64	97	17.5	5.5 [4.5-6.8]	74	13.8	5.4 [4.2-6.8]	23	3.8	6.1 [3.9-9.2]

Supplementary Table 5. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Breast(C50)	25-29	895	115.2	7.8 [7.3-8.3]	NA	NA	NA [NA-NA]	892	52.3	17.0 [15.9-18.2]
	30-34	1673	121.1	13.8 [13.2-14.5]	6	83.4	0.1 [0.0-0.2]	1667	37.7	44.3 [42.2-46.4]
	35-39	2759	126.8	21.8 [21.0-22.6]	7	92.7	0.1 [0.0-0.2]	2752	34.2	80.5 [77.6-83.6]
	40-44	3291	107.7	30.6 [29.5-31.6]	9	77.3	0.1 [0.1-0.2]	3282	30.3	108.2 [104.5-112.0]
	45-49	2827	97.7	28.9 [27.9-30.0]	20	70.9	0.3 [0.2-0.4]	2807	26.8	104.6 [100.8-108.6]
	50-54	1497	66.8	22.4 [21.3-23.6]	20	49.9	0.4 [0.2-0.6]	1477	16.9	87.3 [82.9-91.9]
	55-59	714	34.5	20.7 [19.2-22.3]	20	26.2	0.8 [0.5-1.2]	694	8.3	83.3 [77.2-89.7]
	60-64	289	17.5	16.5 [14.7-18.5]	12	13.8	0.9 [0.5-1.5]	277	3.8	73.9 [65.4-83.1]
Cervix uteri(C53)	25-29	248	115.2	2.2 [1.9-2.4]	NA	NA	NA [NA-NA]	248	52.3	4.7 [4.2-5.4]
	30-34	270	121.2	2.2 [2.0-2.5]	NA	NA	NA [NA-NA]	270	37.8	7.2 [6.3-8.1]
	35-39	331	126.9	2.6 [2.3-2.9]	NA	NA	NA [NA-NA]	331	34.2	9.7 [8.7-10.8]
	40-44	356	107.8	3.3 [3.0-3.7]	NA	NA	NA [NA-NA]	356	30.4	11.7 [10.5-13.0]
	45-49	307	97.8	3.1 [2.8-3.5]	NA	NA	NA [NA-NA]	307	27	11.4 [10.1-12.7]
	50-54	214	66.9	3.2 [2.8-3.7]	NA	NA	NA [NA-NA]	214	17	12.6 [11.0-14.4]
	55-59	102	34.5	3.0 [2.4-3.6]	NA	NA	NA [NA-NA]	102	8.3	12.2 [10.0-14.9]
	60-64	56	17.5	3.2 [2.4-4.2]	NA	NA	NA [NA-NA]	56	3.8	14.9 [11.3-19.4]
Other and part unspecified of uterus (C54-C55)	25-29	112	115.2	1.0 [0.8-1.2]	NA	NA	NA [NA-NA]	112	52.3	2.1 [1.8-2.6]
	30-34	142	121.2	1.2 [1.0-1.4]	NA	NA	NA [NA-NA]	142	37.8	3.8 [3.2-4.4]
	35-39	205	126.9	1.6 [1.4-1.9]	NA	NA	NA [NA-NA]	205	34.2	6.0 [5.2-6.9]
	40-44	280	107.8	2.6 [2.3-2.9]	NA	NA	NA [NA-NA]	280	30.4	9.2 [8.2-10.3]
	45-49	363	97.8	3.7 [3.3-4.1]	NA	NA	NA [NA-NA]	363	27	13.4 [12.1-14.9]
	50-54	280	66.9	4.2 [3.7-4.7]	NA	NA	NA [NA-NA]	280	17	16.5 [14.6-18.5]
	55-59	104	34.5	3.0 [2.5-3.7]	NA	NA	NA [NA-NA]	104	8.3	12.5 [10.2-15.1]
	60-64	29	17.5	1.7 [1.1-2.4]	NA	NA	NA [NA-NA]	29	3.8	7.7 [5.2-11.1]

Supplementary Table 5. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
other and unspecified female genital organs (C51-C52, C56-C58)	25-29	173	115.2	1.5 [1.3-1.7]	NA	NA	NA [NA-NA]	173	52.3	3.3 [2.8-3.8]
	30-34	187	121.2	1.5 [1.3-1.8]	NA	NA	NA [NA-NA]	187	37.8	5.0 [4.3-5.7]
	35-39	238	126.9	1.9 [1.6-2.1]	NA	NA	NA [NA-NA]	238	34.2	6.9 [6.1-7.9]
	40-44	344	107.8	3.2 [2.9-3.5]	NA	NA	NA [NA-NA]	344	30.4	11.3 [10.1-12.6]
	45-49	358	97.8	3.7 [3.3-4.1]	NA	NA	NA [NA-NA]	358	27	13.3 [11.9-14.7]
	50-54	244	66.9	3.6 [3.2-4.1]	NA	NA	NA [NA-NA]	244	17	14.4 [12.6-16.3]
	55-59	129	34.5	3.7 [3.1-4.4]	NA	NA	NA [NA-NA]	129	8.3	15.5 [12.9-18.4]
	60-64	48	17.5	2.7 [2.0-3.6]	NA	NA	NA [NA-NA]	48	3.8	12.8 [9.4-17.0]
Prostate(C61)	25-29	12	115.2	0.1 [0.1-0.2]	12	62.9	0.2 [0.1-0.3]	NA	NA	NA [NA-NA]
	30-34	12	121.2	0.1 [0.1-0.2]	12	83.4	0.1 [0.1-0.3]	NA	NA	NA [NA-NA]
	35-39	57	126.9	0.4 [0.3-0.6]	57	92.7	0.6 [0.5-0.8]	NA	NA	NA [NA-NA]
	40-44	223	107.8	2.1 [1.8-2.4]	223	77.3	2.9 [2.5-3.3]	NA	NA	NA [NA-NA]
	45-49	746	97.8	7.6 [7.1-8.2]	746	70.8	10.5 [9.8-11.3]	NA	NA	NA [NA-NA]
	50-54	1508	66.8	22.6 [21.4-23.7]	1508	49.8	30.3 [28.8-31.8]	NA	NA	NA [NA-NA]
	55-59	1889	34.4	54.9 [52.4-57.4]	1889	26.1	72.4 [69.2-75.8]	NA	NA	NA [NA-NA]
	60-64	1744	17.4	100.1 [95.5-104.9]	1744	13.7	127.6 [121.7-133.7]	NA	NA	NA [NA-NA]
Other and unspecified male genital organs (C60, C62-C63)	25-29	98	115.2	0.9 [0.7-1.0]	98	62.9	1.6 [1.3-1.9]	NA	NA	NA [NA-NA]
	30-34	84	121.2	0.7 [0.6-0.9]	84	83.4	1.0 [0.8-1.2]	NA	NA	NA [NA-NA]
	35-39	68	126.9	0.5 [0.4-0.7]	68	92.7	0.7 [0.6-0.9]	NA	NA	NA [NA-NA]
	40-44	40	107.8	0.4 [0.3-0.5]	40	77.3	0.5 [0.4-0.7]	NA	NA	NA [NA-NA]
	45-49	43	97.8	0.4 [0.3-0.6]	43	70.9	0.6 [0.4-0.8]	NA	NA	NA [NA-NA]
	50-54	25	66.9	0.4 [0.2-0.6]	25	49.9	0.5 [0.3-0.7]	NA	NA	NA [NA-NA]
	55-59	31	34.5	0.9 [0.6-1.3]	31	26.2	1.2 [0.8-1.7]	NA	NA	NA [NA-NA]
	60-64	15	17.5	0.9 [0.5-1.4]	15	13.8	1.1 [0.6-1.8]	NA	NA	NA [NA-NA]

Supplementary Table 5. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Bladder(C64)	25-29	49	115.2	0.4 [0.3-0.6]	38	62.9	0.6 [0.4-0.8]	11	52.3	0.2 [0.1-0.4]
	30-34	122	121.2	1.0 [0.8-1.2]	113	83.4	1.4 [1.1-1.6]	9	37.8	0.2 [0.1-0.5]
	35-39	241	126.9	1.9 [1.7-2.2]	216	92.7	2.3 [2.0-2.7]	25	34.2	0.7 [0.5-1.1]
	40-44	338	107.8	3.1 [2.8-3.5]	319	77.3	4.1 [3.7-4.6]	19	30.5	0.6 [0.4-1.0]
	45-49	567	97.8	5.8 [5.3-6.3]	528	70.8	7.5 [6.8-8.1]	39	27	1.4 [1.0-2.0]
	50-54	776	66.8	11.6 [10.8-12.5]	738	49.8	14.8 [13.8-15.9]	38	17	2.2 [1.6-3.1]
	55-59	733	34.5	21.2 [19.7-22.8]	696	26.2	26.6 [24.7-28.7]	37	8.3	4.4 [3.1-6.1]
	60-64	616	17.5	35.2 [32.5-38.1]	585	13.8	42.5 [39.2-46.1]	31	3.8	8.3 [5.6-11.7]
Other and unspecified urinary organs (C64-C66,C68)	25-29	217	115.2	1.9 [1.6-2.2]	161	62.9	2.6 [2.2-3.0]	56	52.3	1.1 [0.8-1.4]
	30-34	421	121.2	3.5 [3.2-3.8]	353	83.4	4.2 [3.8-4.7]	68	37.8	1.8 [1.4-2.3]
	35-39	712	126.8	5.6 [5.2-6.0]	627	92.6	6.8 [6.3-7.3]	85	34.2	2.5 [2.0-3.1]
	40-44	803	107.8	7.5 [6.9-8.0]	725	77.2	9.4 [8.7-10.1]	78	30.5	2.6 [2.0-3.2]
	45-49	1086	97.8	11.1 [10.5-11.8]	968	70.8	13.7 [12.8-14.6]	118	27	4.4 [3.6-5.2]
	50-54	1068	66.8	16.0 [15.0-17.0]	972	49.8	19.5 [18.3-20.8]	96	17	5.6 [4.6-6.9]
	55-59	713	34.5	20.7 [19.2-22.2]	652	26.2	24.9 [23.0-26.9]	61	8.3	7.3 [5.6-9.4]
	60-64	504	17.5	28.8 [26.3-31.4]	457	13.8	33.2 [30.3-36.4]	47	3.8	12.5 [9.2-16.7]
Eye and adnexa(C69)	25-29	6	115.2	0.1 [0.0-0.1]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	18	107.8	0.2 [0.1-0.3]	13	77.3	0.2 [0.1-0.3]	NA	NA	NA [NA-NA]
	45-49	18	97.8	0.2 [0.1-0.3]	15	70.9	0.2 [0.1-0.3]	NA	NA	NA [NA-NA]
	50-54	18	66.9	0.3 [0.2-0.4]	15	49.9	0.3 [0.2-0.5]	NA	NA	NA [NA-NA]
	55-59	7	34.5	0.2 [0.1-0.4]	6	26.2	0.2 [0.1-0.5]	NA	NA	NA [NA-NA]
	60-64	6	17.5	0.3 [0.1-0.7]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]

Supplementary Table 5. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Brain(C71)	25-29	134	115.2	1.2 [1.0-1.4]	78	62.9	1.2 [1.0-1.5]	56	52.3	1.1 [0.8-1.4]
	30-34	209	121.2	1.7 [1.5-2.0]	142	83.4	1.7 [1.4-2.0]	67	37.8	1.8 [1.4-2.3]
	35-39	218	126.9	1.7 [1.5-2.0]	167	92.7	1.8 [1.5-2.1]	51	34.2	1.5 [1.1-2.0]
	40-44	247	107.8	2.3 [2.0-2.6]	184	77.3	2.4 [2.0-2.7]	63	30.5	2.1 [1.6-2.6]
	45-49	268	97.8	2.7 [2.4-3.1]	194	70.8	2.7 [2.4-3.2]	74	27	2.7 [2.2-3.4]
	50-54	248	66.9	3.7 [3.3-4.2]	198	49.9	4.0 [3.4-4.6]	50	17	2.9 [2.2-3.9]
	55-59	210	34.5	6.1 [5.3-7.0]	167	26.2	6.4 [5.5-7.4]	43	8.3	5.2 [3.7-7.0]
	60-64	106	17.5	6.1 [5.0-7.3]	85	13.8	6.2 [4.9-7.6]	21	3.8	5.6 [3.5-8.6]
Spinal cord, cranial nerves, meninges and other parts of central nervous system (C70,C72)	25-29	24	115.2	0.2 [0.1-0.3]	10	62.9	0.2 [0.1-0.3]	14	52.3	0.3 [0.1-0.4]
	30-34	36	121.2	0.3 [0.2-0.4]	25	83.4	0.3 [0.2-0.4]	11	37.8	0.3 [0.1-0.5]
	35-39	53	126.9	0.4 [0.3-0.5]	37	92.7	0.4 [0.3-0.6]	16	34.2	0.5 [0.3-0.8]
	40-44	36	107.8	0.3 [0.2-0.5]	24	77.3	0.3 [0.2-0.5]	12	30.5	0.4 [0.2-0.7]
	45-49	48	97.8	0.5 [0.4-0.7]	28	70.9	0.4 [0.3-0.6]	20	27	0.7 [0.5-1.1]
	50-54	48	66.9	0.7 [0.5-1.0]	38	49.9	0.8 [0.5-1.0]	10	17	0.6 [0.3-1.1]
	55-59	20	34.5	0.6 [0.4-0.9]	18	26.2	0.7 [0.4-1.1]	NA	NA	NA [NA-NA]
	60-64	6	17.5	0.3 [0.1-0.7]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Other ill-defined, unspecified, secondary malignant neoplasms (C73-C80, C97)	25-29	6502	114.9	56.6 [55.2-58.0]	1750	62.8	27.9 [26.6-29.2]	4752	52.1	91.2 [88.7-93.9]
	30-34	8160	120.8	67.6 [66.1-69.1]	3396	83.2	40.8 [39.4-42.2]	4764	37.5	127.0 [123.5-130.7]
	35-39	9471	126.4	74.9 [73.4-76.4]	4515	92.4	48.9 [47.4-50.3]	4956	34	145.8 [141.7-149.9]
	40-44	8788	107.2	81.9 [80.2-83.7]	3996	77.1	51.8 [50.2-53.5]	4792	30.2	158.9 [154.4-163.4]
	45-49	8874	97.3	91.2 [89.3-93.1]	4191	70.7	59.3 [57.5-61.1]	4683	26.7	175.6 [170.6-180.7]
	50-54	6203	66.5	93.3 [91.0-95.6]	3356	49.8	67.5 [65.2-69.8]	2847	16.8	169.1 [163.0-175.5]
	55-59	2983	34.3	86.9 [83.8-90.1]	1795	26.1	68.8 [65.7-72.1]	1188	8.2	144.0 [135.9-152.4]
	60-64	1593	17.5	91.0 [86.6-95.6]	1156	13.8	84.1 [79.3-89.1]	437	3.8	116.5 [105.9-128.0]

Supplementary Table 5. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Hodgkin lymphoma(C81)	25-29	38	115.2	0.3 [0.2-0.5]	16	62.9	0.3 [0.1-0.4]	22	52.3	0.4 [0.3-0.6]
	30-34	35	121.2	0.3 [0.2-0.4]	26	83.4	0.3 [0.2-0.5]	9	37.8	0.2 [0.1-0.5]
	35-39	42	126.9	0.3 [0.2-0.4]	35	92.7	0.4 [0.3-0.5]	7	34.2	0.2 [0.1-0.4]
	40-44	26	107.8	0.2 [0.2-0.4]	23	77.3	0.3 [0.2-0.4]	NA	NA	NA [NA-NA]
	45-49	49	97.8	0.5 [0.4-0.7]	46	70.9	0.6 [0.5-0.9]	NA	NA	NA [NA-NA]
	50-54	35	66.9	0.5 [0.4-0.7]	32	49.9	0.6 [0.4-0.9]	NA	NA	NA [NA-NA]
	55-59	18	34.5	0.5 [0.3-0.8]	18	26.2	0.7 [0.4-1.1]	NA	NA	NA [NA-NA]
	60-64	13	17.5	0.7 [0.4-1.3]	12	13.8	0.9 [0.5-1.5]	NA	NA	NA [NA-NA]
Non-Hodgkin lymphoma (C82-85)	25-29	252	115.2	2.2 [1.9-2.5]	156	62.9	2.5 [2.1-2.9]	96	52.3	1.8 [1.5-2.2]
	30-34	275	121.2	2.3 [2.0-2.6]	207	83.4	2.5 [2.2-2.8]	68	37.8	1.8 [1.4-2.3]
	35-39	445	126.9	3.5 [3.2-3.8]	347	92.7	3.7 [3.4-4.2]	98	34.2	2.9 [2.3-3.5]
	40-44	472	107.8	4.4 [4.0-4.8]	368	77.3	4.8 [4.3-5.3]	104	30.5	3.4 [2.8-4.1]
	45-49	632	97.8	6.5 [6.0-7.0]	515	70.8	7.3 [6.7-7.9]	117	27	4.3 [3.6-5.2]
	50-54	626	66.9	9.4 [8.6-10.1]	511	49.9	10.2 [9.4-11.2]	115	17	6.8 [5.6-8.1]
	55-59	427	34.5	12.4 [11.2-13.6]	363	26.2	13.9 [12.5-15.4]	64	8.3	7.7 [5.9-9.8]
	60-64	291	17.5	16.6 [14.8-18.7]	260	13.8	18.9 [16.7-21.4]	31	3.8	8.3 [5.6-11.7]
Leukemia (C91-C95)	25-29	240	115.2	2.1 [1.8-2.4]	137	62.9	2.2 [1.8-2.6]	103	52.3	2.0 [1.6-2.4]
	30-34	297	121.2	2.5 [2.2-2.7]	227	83.4	2.7 [2.4-3.1]	70	37.8	1.9 [1.4-2.3]
	35-39	325	126.9	2.6 [2.3-2.9]	256	92.7	2.8 [2.4-3.1]	69	34.2	2.0 [1.6-2.5]
	40-44	364	107.8	3.4 [3.0-3.7]	284	77.3	3.7 [3.3-4.1]	80	30.5	2.6 [2.1-3.3]
	45-49	395	97.8	4.0 [3.6-4.5]	298	70.8	4.2 [3.7-4.7]	97	27	3.6 [2.9-4.4]
	50-54	351	66.9	5.2 [4.7-5.8]	276	49.9	5.5 [4.9-6.2]	75	17	4.4 [3.5-5.5]
	55-59	235	34.5	6.8 [6.0-7.7]	201	26.2	7.7 [6.7-8.8]	34	8.3	4.1 [2.8-5.7]
	60-64	151	17.5	8.6 [7.3-10.1]	132	13.8	9.6 [8.0-11.4]	19	3.8	5.1 [3.1-7.9]

Supplementary Table 5. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C88-C90,C96)	25-29	51	115.2	0.4 [0.3-0.6]	33	62.9	0.5 [0.4-0.7]	18	52.3	0.3 [0.2-0.5]
	30-34	96	121.2	0.8 [0.6-1.0]	72	83.4	0.9 [0.7-1.1]	24	37.8	0.6 [0.4-0.9]
	35-39	121	126.9	1.0 [0.8-1.1]	89	92.7	1.0 [0.8-1.2]	32	34.2	0.9 [0.6-1.3]
	40-44	207	107.8	1.9 [1.7-2.2]	159	77.3	2.1 [1.7-2.4]	48	30.5	1.6 [1.2-2.1]
	45-49	262	97.8	2.7 [2.4-3.0]	213	70.8	3.0 [2.6-3.4]	49	27	1.8 [1.3-2.4]
	50-54	326	66.9	4.9 [4.4-5.4]	266	49.9	5.3 [4.7-6.0]	60	17	3.5 [2.7-4.5]
	55-59	247	34.5	7.2 [6.3-8.1]	198	26.2	7.6 [6.5-8.7]	49	8.3	5.9 [4.4-7.8]
	60-64	175	17.5	10.0 [8.6-11.6]	145	13.8	10.5 [8.9-12.4]	30	3.8	8.0 [5.4-11.4]
Carcinoma in situ of cervix uteri (D06)	25-29	839	115.2	7.3 [6.8-7.8]	NA	NA	NA [NA-NA]	839	52.2	16.1 [15.0-17.2]
	30-34	685	121.2	5.7 [5.2-6.1]	NA	NA	NA [NA-NA]	685	37.8	18.1 [16.8-19.6]
	35-39	743	126.8	5.9 [5.4-6.3]	NA	NA	NA [NA-NA]	743	34.2	21.7 [20.2-23.3]
	40-44	575	107.8	5.3 [4.9-5.8]	NA	NA	NA [NA-NA]	575	30.4	18.9 [17.4-20.5]
	45-49	341	97.8	3.5 [3.1-3.9]	NA	NA	NA [NA-NA]	341	26.9	12.7 [11.4-14.1]
	50-54	167	66.9	2.5 [2.1-2.9]	NA	NA	NA [NA-NA]	167	17	9.8 [8.4-11.4]
	55-59	98	34.5	2.8 [2.3-3.5]	NA	NA	NA [NA-NA]	98	8.3	11.8 [9.5-14.3]
	60-64	52	17.5	3.0 [2.2-3.9]	NA	NA	NA [NA-NA]	52	3.8	13.9 [10.4-18.2]
Benign neoplasm of skin (D22-D23)	25-29	491	115.2	4.3 [3.9-4.7]	301	62.9	4.8 [4.3-5.4]	190	52.3	3.6 [3.1-4.2]
	30-34	530	121.2	4.4 [4.0-4.8]	387	83.4	4.6 [4.2-5.1]	143	37.8	3.8 [3.2-4.5]
	35-39	568	126.8	4.5 [4.1-4.9]	437	92.6	4.7 [4.3-5.2]	131	34.2	3.8 [3.2-4.5]
	40-44	549	107.8	5.1 [4.7-5.5]	414	77.3	5.4 [4.9-5.9]	135	30.5	4.4 [3.7-5.2]
	45-49	571	97.8	5.8 [5.4-6.3]	418	70.8	5.9 [5.3-6.5]	153	27	5.7 [4.8-6.6]
	50-54	377	66.9	5.6 [5.1-6.2]	301	49.9	6.0 [5.4-6.8]	76	17	4.5 [3.5-5.6]
	55-59	185	34.5	5.4 [4.6-6.2]	158	26.2	6.0 [5.1-7.1]	27	8.3	3.2 [2.1-4.7]
	60-64	93	17.5	5.3 [4.3-6.5]	75	13.8	5.5 [4.3-6.8]	18	3.8	4.8 [2.8-7.6]



Supplementary Table 5. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Benign neoplasm of breast(D24)	25-29	5507	114.9	47.9 [46.7-49.2]	12	62.9	0.2 [0.1-0.3]	5495	52	105.7 [102.9-108.5]
	30-34	4983	120.9	41.2 [40.1-42.4]	8	83.4	0.1 [0.0-0.2]	4975	37.5	132.7 [129.0-136.4]
	35-39	5483	126.7	43.3 [42.1-44.4]	15	92.7	0.2 [0.1-0.3]	5468	34	160.8 [156.6-165.1]
	40-44	4235	107.5	39.4 [38.2-40.6]	8	77.3	0.1 [0.0-0.2]	4227	30.2	140.1 [135.9-144.4]
	45-49	2207	97.7	22.6 [21.7-23.6]	18	70.9	0.3 [0.2-0.4]	2189	26.8	81.6 [78.2-85.1]
	50-54	702	66.8	10.5 [9.7-11.3]	17	49.9	0.3 [0.2-0.5]	685	16.9	40.5 [37.5-43.6]
	55-59	201	34.5	5.8 [5.0-6.7]	8	26.2	0.3 [0.1-0.6]	193	8.3	23.2 [20.0-26.7]
	60-64	59	17.5	3.4 [2.6-4.3]	NA	NA	NA [NA-NA]	56	3.8	14.9 [11.3-19.4]
Leiomyoma of uterus(D25)	25-29	6972	114.9	60.7 [59.3-62.1]	NA	NA	NA [NA-NA]	6972	52	134.1 [130.9-137.3]
	30-34	8748	120.8	72.4 [70.9-74.0]	NA	NA	NA [NA-NA]	8748	37.3	234.3 [229.4-239.3]
	35-39	13492	126.2	106.9 [105.1-108.8]	NA	NA	NA [NA-NA]	13492	33.6	401.7 [395.0-408.6]
	40-44	13776	106.8	128.9 [126.8-131.1]	NA	NA	NA [NA-NA]	13776	29.5	467.0 [459.2-474.8]
	45-49	6487	97.2	66.8 [65.1-68.4]	NA	NA	NA [NA-NA]	6487	26.2	247.1 [241.1-253.2]
	50-54	1148	66.8	17.2 [16.2-18.2]	NA	NA	NA [NA-NA]	1148	16.8	68.2 [64.3-72.3]
	55-59	234	34.5	6.8 [5.9-7.7]	NA	NA	NA [NA-NA]	234	8.3	28.1 [24.6-31.9]
	60-64	74	17.5	4.2 [3.3-5.3]	NA	NA	NA [NA-NA]	74	3.8	19.7 [15.5-24.8]
Benign neoplasm of ovary(D27)	25-29	5061	114.8	44.1 [42.9-45.3]	NA	NA	NA [NA-NA]	5061	51.9	97.5 [94.8-100.2]
	30-34	2979	120.9	24.6 [23.8-25.5]	NA	NA	NA [NA-NA]	2979	37.5	79.4 [76.6-82.3]
	35-39	2275	126.8	17.9 [17.2-18.7]	NA	NA	NA [NA-NA]	2275	34.1	66.7 [64.0-69.5]
	40-44	1554	107.7	14.4 [13.7-15.2]	NA	NA	NA [NA-NA]	1554	30.3	51.2 [48.7-53.8]
	45-49	1066	97.8	10.9 [10.3-11.6]	NA	NA	NA [NA-NA]	1066	26.9	39.6 [37.3-42.1]
	50-54	454	66.8	6.8 [6.2-7.4]	NA	NA	NA [NA-NA]	454	16.9	26.8 [24.4-29.4]
	55-59	197	34.5	5.7 [4.9-6.6]	NA	NA	NA [NA-NA]	197	8.3	23.6 [20.5-27.2]
	60-64	77	17.5	4.4 [3.5-5.5]	NA	NA	NA [NA-NA]	77	3.8	20.5 [16.2-25.7]

Supplementary Table 5. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Total workers								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Benign neoplasm of urinary organs(D30)	25-29	117	115.2	1.0 [0.8-1.2]	67	62.9	1.1 [0.8-1.4]	50	52.3	1.0 [0.7-1.3]
	30-34	132	121.2	1.1 [0.9-1.3]	85	83.4	1.0 [0.8-1.3]	47	37.8	1.2 [0.9-1.7]
	35-39	187	126.9	1.5 [1.3-1.7]	143	92.7	1.5 [1.3-1.8]	44	34.2	1.3 [0.9-1.7]
	40-44	206	107.8	1.9 [1.7-2.2]	144	77.3	1.9 [1.6-2.2]	62	30.5	2.0 [1.6-2.6]
	45-49	269	97.8	2.7 [2.4-3.1]	214	70.8	3.0 [2.6-3.5]	55	27	2.0 [1.5-2.7]
	50-54	278	66.9	4.2 [3.7-4.7]	223	49.9	4.5 [3.9-5.1]	55	17	3.2 [2.4-4.2]
	55-59	159	34.5	4.6 [3.9-5.4]	135	26.2	5.2 [4.3-6.1]	24	8.3	2.9 [1.8-4.3]
	60-64	95	17.5	5.4 [4.4-6.6]	81	13.8	5.9 [4.7-7.3]	14	3.8	3.7 [2.0-6.3]
Benign neoplasm of brain and other parts of central nervous system (D33)	25-29	228	115.2	2.0 [1.7-2.3]	127	62.9	2.0 [1.7-2.4]	101	52.3	1.9 [1.6-2.3]
	30-34	324	121.2	2.7 [2.4-3.0]	214	83.4	2.6 [2.2-2.9]	110	37.8	2.9 [2.4-3.5]
	35-39	386	126.9	3.0 [2.7-3.4]	276	92.7	3.0 [2.6-3.4]	110	34.2	3.2 [2.6-3.9]
	40-44	418	107.8	3.9 [3.5-4.3]	268	77.3	3.5 [3.1-3.9]	150	30.5	4.9 [4.2-5.8]
	45-49	443	97.8	4.5 [4.1-5.0]	284	70.8	4.0 [3.6-4.5]	159	27	5.9 [5.0-6.9]
	50-54	379	66.9	5.7 [5.1-6.3]	255	49.9	5.1 [4.5-5.8]	124	17	7.3 [6.1-8.7]
	55-59	180	34.5	5.2 [4.5-6.0]	134	26.2	5.1 [4.3-6.1]	46	8.3	5.5 [4.0-7.4]
	60-64	106	17.5	6.1 [5.0-7.3]	85	13.8	6.2 [4.9-7.6]	21	3.8	5.6 [3.5-8.6]
Other intraepithelial, benign neoplasms and neoplasms of unknown and unknown behavior (D00-D05,D07-D2 1,D26,D28-D29,D 31-D32,D34-D48)	25-29	9236	114.8	80.5 [78.9-82.1]	4881	62.7	77.9 [75.7-80.1]	4355	52.1	83.6 [81.2-86.1]
	30-34	12824	120.5	106.4 [104.6-108.3]	8688	83	104.7 [102.5-106.9]	4136	37.5	110.3 [107.0-113.7]
	35-39	17791	125.9	141.3 [139.2-143.4]	12716	91.9	138.3 [135.9-140.8]	5075	34	149.3 [145.2-153.4]
	40-44	20012	106.7	187.6 [185.0-190.2]	14325	76.5	187.3 [184.2-190.3]	5687	30.2	188.5 [183.7-193.5]
	45-49	24838	96.4	257.6 [254.4-260.8]	18610	69.8	266.5 [262.7-270.3]	6228	26.6	234.3 [228.5-240.2]
	50-54	21035	65.6	320.7 [316.4-325.1]	16604	48.8	340.0 [334.9-345.2]	4431	16.8	264.5 [256.8-272.4]
	55-59	12610	33.8	373.6 [367.1-380.2]	10344	25.5	405.6 [397.9-413.5]	2266	8.2	277.5 [266.2-289.1]
	60-64	7196	17.1	421.2 [411.6-431.1]	6152	13.4	458.5 [447.1-470.1]	1044	3.7	284.7 [267.7-302.5]

**Supplementary Table 6.** Number of cases, observations, and incidence rate by each cancer site among public officials based on fixed-industry cohort design [CI: confidence interval]

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Lip, oral cavity and pharynx (C00-C14)	25-29	6	4.7	1.3 [0.5-2.8]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	13	7.3	1.8 [0.9-3.0]	NA	NA	NA [NA-NA]	9	4.2	2.1 [1.0-4.0]
	40-44	16	7.3	2.2 [1.2-3.5]	11	3.7	3.0 [1.5-5.4]	5	3.7	1.4 [0.4-3.2]
	45-49	33	7.4	4.4 [3.1-6.2]	25	4.3	5.8 [3.7-8.5]	8	3.1	2.6 [1.1-5.1]
	50-54	47	5.8	8.2 [6.0-10.9]	39	4.2	9.4 [6.7-12.8]	8	1.6	5.1 [2.2-10.0]
	55-59	18	2.9	6.2 [3.7-9.8]	14	2.1	6.7 [3.7-11.3]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Oesophagus(C15)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	45-49	7	7.4	0.9 [0.4-1.9]	6	4.3	1.4 [0.5-3.0]	NA	NA	NA [NA-NA]
	50-54	33	5.8	5.7 [4.0-8.1]	33	4.2	7.9 [5.5-11.1]	NA	NA	NA [NA-NA]
	55-59	15	2.9	5.1 [2.9-8.5]	15	2.1	7.2 [4.0-11.9]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Gastric(C16)	25-29	17	4.7	3.6 [2.1-5.8]	NA	NA	NA [NA-NA]	13	3.7	3.5 [1.9-6.1]
	30-34	53	7.1	7.5 [5.6-9.8]	16	2.4	6.6 [3.8-10.8]	37	4.8	7.8 [5.5-10.7]
	35-39	103	7.3	14.0 [11.5-17.0]	48	3.1	15.6 [11.5-20.6]	55	4.2	12.9 [9.7-16.8]
	40-44	189	7.2	26.1 [22.5-30.1]	105	3.7	28.6 [23.4-34.7]	84	3.7	22.9 [18.3-28.4]
	45-49	266	7.4	35.9 [31.7-40.4]	210	4.3	48.5 [42.1-55.5]	56	3.1	18.2 [13.7-23.6]
	50-54	383	5.8	66.6 [60.1-73.6]	331	4.2	79.4 [71.1-88.5]	52	1.6	32.8 [24.5-43.1]
	55-59	260	2.9	89.1 [78.6-100.7]	222	2.1	106.6 [93.0-121.5]	38	0.8	45.6 [32.3-62.6]
	60-64	52	0.4	124.8 [93.2-163.7]	48	0.3	144.0 [106.2-190.9]	NA	NA	NA [NA-NA]

Supplementary Table 6. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Colon(C18)	25-29	8	4.7	1.7 [0.7-3.4]	NA	NA	NA [NA-NA]	7	3.7	1.9 [0.8-3.9]
	30-34	24	7.1	3.4 [2.2-5.0]	9	2.4	3.7 [1.7-7.1]	15	4.8	3.2 [1.8-5.2]
	35-39	31	7.3	4.2 [2.9-6.0]	14	3.1	4.5 [2.5-7.6]	17	4.2	4.0 [2.3-6.4]
	40-44	53	7.3	7.2 [5.4-9.5]	23	3.7	6.3 [4.0-9.4]	30	3.7	8.2 [5.5-11.7]
	45-49	130	7.4	17.5 [14.6-20.8]	86	4.3	19.8 [15.9-24.5]	44	3.1	14.3 [10.4-19.2]
	50-54	181	5.8	31.5 [27.1-36.4]	145	4.2	34.8 [29.4-40.9]	36	1.6	22.7 [15.9-31.5]
	55-59	119	2.9	40.8 [33.8-48.8]	95	2.1	45.6 [36.9-55.7]	24	0.8	28.8 [18.5-42.9]
	60-64	28	0.4	67.2 [44.7-97.1]	24	0.3	72.0 [46.1-107.1]	NA	NA	NA [NA-NA]
Rectosigmoid junction, rectum, anus and anal canal (C19-C21)	25-29	6	4.7	1.3 [0.5-2.8]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	31	7.1	4.4 [3.0-6.2]	12	2.4	5.0 [2.6-8.7]	19	4.8	4.0 [2.4-6.2]
	35-39	34	7.3	4.6 [3.2-6.5]	17	3.1	5.5 [3.2-8.8]	17	4.2	4.0 [2.3-6.4]
	40-44	49	7.3	6.7 [4.9-8.8]	30	3.7	8.2 [5.5-11.7]	19	3.7	5.2 [3.1-8.1]
	45-49	114	7.4	15.4 [12.7-18.5]	80	4.3	18.5 [14.6-23.0]	34	3.1	11.0 [7.6-15.4]
	50-54	119	5.8	20.7 [17.1-24.8]	97	4.2	23.3 [18.9-28.4]	22	1.6	13.9 [8.7-21.0]
	55-59	78	2.9	26.7 [21.1-33.4]	63	2.1	30.2 [23.2-38.7]	15	0.8	18.0 [10.1-29.7]
	60-64	20	0.4	48.0 [29.3-74.1]	19	0.3	57.0 [34.3-89.0]	NA	NA	NA [NA-NA]
Liver and intrahepatic bile ducts(C22)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	10	7.1	1.4 [0.7-2.6]	6	2.4	2.5 [0.9-5.4]	NA	NA	NA [NA-NA]
	35-39	22	7.3	3.0 [1.9-4.5]	17	3.1	5.5 [3.2-8.8]	NA	NA	NA [NA-NA]
	40-44	75	7.3	10.2 [8.0-12.8]	63	3.7	17.2 [13.2-22.0]	12	3.7	3.3 [1.7-5.7]
	45-49	151	7.4	20.4 [17.2-23.9]	137	4.3	31.6 [26.5-37.4]	14	3.1	4.5 [2.5-7.6]
	50-54	200	5.8	34.8 [30.1-40.0]	187	4.2	44.9 [38.7-51.8]	13	1.6	8.2 [4.4-14.0]
	55-59	152	2.9	52.1 [44.2-61.1]	141	2.1	67.7 [57.0-79.8]	11	0.8	13.2 [6.6-23.6]
	60-64	21	0.4	50.4 [31.2-77.0]	19	0.3	57.0 [34.3-89.0]	NA	NA	NA [NA-NA]

Supplementary Table 6. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Pancrea(C25)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	11	7.3	1.5 [0.7-2.7]	NA	NA	NA [NA-NA]	9	4.2	2.1 [1.0-4.0]
	40-44	17	7.3	2.3 [1.4-3.7]	8	3.7	2.2 [0.9-4.3]	9	3.7	2.5 [1.1-4.7]
	45-49	29	7.4	3.9 [2.6-5.6]	21	4.3	4.8 [3.0-7.4]	8	3.1	2.6 [1.1-5.1]
	50-54	54	5.8	9.4 [7.1-12.3]	41	4.2	9.8 [7.1-13.3]	13	1.6	8.2 [4.4-14.0]
	55-59	49	2.9	16.8 [12.4-22.2]	43	2.1	20.6 [14.9-27.8]	6	0.8	7.2 [2.6-15.7]
	60-64	9	0.4	21.6 [9.9-41.0]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Other and ill-defined digestive organs(C17, C23, C24, C26)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	19	7.3	2.6 [1.6-4.0]	7	3.7	1.9 [0.8-3.9]	12	3.7	3.3 [1.7-5.7]
	45-49	29	7.4	3.9 [2.6-5.6]	22	4.3	5.1 [3.2-7.7]	7	3.1	2.3 [0.9-4.7]
	50-54	45	5.8	7.8 [5.7-10.5]	40	4.2	9.6 [6.9-13.1]	NA	NA	NA [NA-NA]
	55-59	35	2.9	12.0 [8.4-16.7]	30	2.1	14.4 [9.7-20.6]	NA	NA	NA [NA-NA]
	60-64	6	0.4	14.4 [5.3-31.3]	6	0.3	18.0 [6.6-39.2]	NA	NA	NA [NA-NA]
Larynx(C32)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	45-49	6	7.4	0.8 [0.3-1.8]	6	4.3	1.4 [0.5-3.0]	NA	NA	NA [NA-NA]
	50-54	11	5.8	1.9 [1.0-3.4]	10	4.2	2.4 [1.2-4.4]	NA	NA	NA [NA-NA]
	55-59	10	2.9	3.4 [1.6-6.3]	10	2.1	4.8 [2.3-8.8]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]

Supplementary Table 6. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Trachea, bronchus and lung (C33-C34)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	14	7.1	2.0 [1.1-3.3]	NA	NA	NA [NA-NA]	10	4.8	2.1 [1.0-3.9]
	35-39	28	7.3	3.8 [2.5-5.5]	10	3.1	3.2 [1.6-6.0]	18	4.2	4.2 [2.5-6.7]
	40-44	56	7.3	7.6 [5.8-9.9]	25	3.7	6.8 [4.4-10.1]	31	3.7	8.5 [5.7-12.0]
	45-49	116	7.4	15.6 [12.9-18.8]	79	4.3	18.2 [14.4-22.7]	37	3.1	12.0 [8.4-16.5]
	50-54	152	5.8	26.4 [22.4-31.0]	114	4.2	27.4 [22.6-32.9]	38	1.6	24.0 [17.0-32.9]
	55-59	129	2.9	44.2 [36.9-52.6]	108	2.1	51.8 [42.5-62.6]	21	0.8	25.2 [15.6-38.5]
	60-64	35	0.4	84.0 [58.5-116.8]	26	0.3	78.0 [51.0-114.3]	9	0.1	108.0 [49.4-205.0]
Other and ill-defined sites in the respiratory system and intrathoracic organs(C30-C31, C37-C39)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	6	7.1	0.8 [0.3-1.8]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	7	7.3	1.0 [0.4-2.0]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	45-49	13	7.4	1.8 [0.9-3.0]	7	4.3	1.6 [0.6-3.3]	6	3.1	1.9 [0.7-4.2]
	50-54	11	5.8	1.9 [1.0-3.4]	10	4.2	2.4 [1.2-4.4]	NA	NA	NA [NA-NA]
	55-59	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Bone and articular cartilage (C40-C41)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	45-49	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	50-54	8	5.8	1.4 [0.6-2.7]	6	4.2	1.4 [0.5-3.1]	NA	NA	NA [NA-NA]
	55-59	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]

Supplementary Table 6. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Melanoma(C43)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	45-49	10	7.4	1.3 [0.6-2.5]	10	4.3	2.3 [1.1-4.2]	NA	NA	NA [NA-NA]
	50-54	7	5.8	1.2 [0.5-2.5]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	55-59	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Other malignant neoplasms of skin (C44)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	14	7.3	1.9 [1.0-3.2]	7	3.7	1.9 [0.8-3.9]	7	3.7	1.9 [0.8-3.9]
	45-49	26	7.4	3.5 [2.3-5.1]	18	4.3	4.2 [2.5-6.6]	8	3.1	2.6 [1.1-5.1]
	50-54	18	5.8	3.1 [1.9-4.9]	14	4.2	3.4 [1.8-5.6]	NA	NA	NA [NA-NA]
	55-59	17	2.9	5.8 [3.4-9.3]	13	2.1	6.2 [3.3-10.7]	NA	NA	NA [NA-NA]
	60-64	6	0.4	14.4 [5.3-31.3]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Mesothelial and soft tissue (C45-C49)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	12	7.1	1.7 [0.9-3.0]	NA	NA	NA [NA-NA]	10	4.8	2.1 [1.0-3.9]
	35-39	9	7.3	1.2 [0.6-2.3]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	10	7.3	1.4 [0.7-2.5]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	45-49	20	7.4	2.7 [1.6-4.2]	11	4.3	2.5 [1.3-4.5]	9	3.1	2.9 [1.3-5.5]
	50-54	23	5.8	4.0 [2.5-6.0]	17	4.2	4.1 [2.4-6.5]	6	1.6	3.8 [1.4-8.2]
	55-59	15	2.9	5.1 [2.9-8.5]	10	2.1	4.8 [2.3-8.8]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]

Supplementary Table 6. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Breast(C50)	25-29	51	4.7	10.9 [8.1-14.4]	NA	NA	NA [NA-NA]	51	3.7	13.9 [10.4-18.3]
	30-34	160	7.1	22.6 [19.2-26.4]	NA	NA	NA [NA-NA]	159	4.8	33.5 [28.5-39.1]
	35-39	301	7.2	41.5 [37.0-46.5]	NA	NA	NA [NA-NA]	301	4.2	70.8 [63.0-79.3]
	40-44	401	7.2	55.3 [50.0-61.0]	NA	NA	NA [NA-NA]	401	3.6	111.9 [101.2-123.4]
	45-49	402	7.3	54.8 [49.6-60.4]	NA	NA	NA [NA-NA]	401	3	133.7 [120.9-147.4]
	50-54	172	5.8	29.9 [25.6-34.7]	NA	NA	NA [NA-NA]	171	1.6	108.0 [92.4-125.5]
	55-59	109	2.9	37.4 [30.7-45.1]	NA	NA	NA [NA-NA]	107	0.8	128.4 [105.2-155.2]
	60-64	20	0.4	48.0 [29.3-74.1]	NA	NA	NA [NA-NA]	19	0.1	228.0 [137.3-356.1]
Cervix uteri(C53)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	15	7.1	2.1 [1.2-3.5]	NA	NA	NA [NA-NA]	15	4.8	3.2 [1.8-5.2]
	35-39	14	7.3	1.9 [1.0-3.2]	NA	NA	NA [NA-NA]	14	4.2	3.3 [1.8-5.5]
	40-44	36	7.3	4.9 [3.4-6.8]	NA	NA	NA [NA-NA]	36	3.7	9.8 [6.9-13.6]
	45-49	17	7.4	2.3 [1.3-3.7]	NA	NA	NA [NA-NA]	17	3.1	5.5 [3.2-8.8]
	50-54	14	5.8	2.4 [1.3-4.1]	NA	NA	NA [NA-NA]	14	1.6	8.8 [4.8-14.8]
	55-59	5	2.9	1.7 [0.6-4.0]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Other and part unspecified of uterus (C54-C55)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	14	7.1	2.0 [1.1-3.3]	NA	NA	NA [NA-NA]	14	4.8	2.9 [1.6-4.9]
	35-39	18	7.3	2.5 [1.5-3.9]	NA	NA	NA [NA-NA]	18	4.2	4.2 [2.5-6.7]
	40-44	28	7.3	3.8 [2.5-5.5]	NA	NA	NA [NA-NA]	28	3.7	7.6 [5.1-11.0]
	45-49	47	7.4	6.3 [4.7-8.4]	NA	NA	NA [NA-NA]	47	3.1	15.2 [11.2-20.3]
	50-54	37	5.8	6.4 [4.5-8.9]	NA	NA	NA [NA-NA]	37	1.6	23.4 [16.5-32.2]
	55-59	10	2.9	3.4 [1.6-6.3]	NA	NA	NA [NA-NA]	10	0.8	12.0 [5.8-22.1]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]



Supplementary Table 6. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
other and unspecified female genital organs(C51–C52, C56–C58)	25–29	12	4.7	2.6 [1.3–4.5]	NA	NA	NA [NA–NA]	12	3.7	3.3 [1.7–5.7]
	30–34	21	7.1	3.0 [1.8–4.5]	NA	NA	NA [NA–NA]	21	4.8	4.4 [2.7–6.8]
	35–39	26	7.3	3.5 [2.3–5.2]	NA	NA	NA [NA–NA]	26	4.2	6.1 [4.0–9.0]
	40–44	44	7.3	6.0 [4.4–8.1]	NA	NA	NA [NA–NA]	44	3.7	12.0 [8.7–16.1]
	45–49	37	7.4	5.0 [3.5–6.9]	NA	NA	NA [NA–NA]	37	3.1	12.0 [8.4–16.5]
	50–54	31	5.8	5.4 [3.7–7.7]	NA	NA	NA [NA–NA]	31	1.6	19.6 [13.3–27.8]
	55–59	13	2.9	4.5 [2.4–7.6]	NA	NA	NA [NA–NA]	13	0.8	15.6 [8.3–26.7]
	60–64	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
Prostate(C61)	25–29	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	30–34	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	35–39	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	40–44	10	7.3	1.4 [0.7–2.5]	10	3.7	2.7 [1.3–5.0]	NA	NA	NA [NA–NA]
	45–49	51	7.4	6.9 [5.1–9.0]	51	4.3	11.8 [8.8–15.5]	NA	NA	NA [NA–NA]
	50–54	116	5.8	20.2 [16.7–24.2]	116	4.2	27.8 [23.0–33.4]	NA	NA	NA [NA–NA]
	55–59	164	2.9	56.2 [48.0–65.5]	164	2.1	78.7 [67.1–91.7]	NA	NA	NA [NA–NA]
	60–64	45	0.4	108.0 [78.8–144.5]	45	0.3	135.0 [98.5–180.6]	NA	NA	NA [NA–NA]
Other and unspecified male genital organs (C60, C62–C63)	25–29	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	30–34	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	35–39	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	40–44	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	45–49	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	50–54	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	55–59	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]
	60–64	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]	NA	NA	NA [NA–NA]

Supplementary Table 6. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Bladder(C64)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	11	7.3	1.5 [0.7-2.7]	8	3.1	2.6 [1.1-5.1]	NA	NA	NA [NA-NA]
	40-44	11	7.3	1.5 [0.7-2.7]	11	3.7	3.0 [1.5-5.4]	NA	NA	NA [NA-NA]
	45-49	23	7.4	3.1 [2.0-4.7]	20	4.3	4.6 [2.8-7.1]	NA	NA	NA [NA-NA]
	50-54	39	5.8	6.8 [4.8-9.3]	35	4.2	8.4 [5.9-11.7]	NA	NA	NA [NA-NA]
	55-59	33	2.9	11.3 [7.8-15.9]	30	2.1	14.4 [9.7-20.6]	NA	NA	NA [NA-NA]
	60-64	15	0.4	36.0 [20.1-59.4]	13	0.3	39.0 [20.8-66.7]	NA	NA	NA [NA-NA]
Other and unspecified urinary organs (C64-C66,C68)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	16	7.1	2.3 [1.3-3.7]	6	2.4	2.5 [0.9-5.4]	10	4.8	2.1 [1.0-3.9]
	35-39	24	7.3	3.3 [2.1-4.9]	13	3.1	4.2 [2.2-7.2]	11	4.2	2.6 [1.3-4.6]
	40-44	45	7.3	6.1 [4.5-8.2]	38	3.7	10.4 [7.3-14.2]	7	3.7	1.9 [0.8-3.9]
	45-49	69	7.4	9.3 [7.2-11.8]	52	4.3	12.0 [9.0-15.7]	17	3.1	5.5 [3.2-8.8]
	50-54	95	5.8	16.5 [13.4-20.2]	88	4.2	21.1 [16.9-26.0]	7	1.6	4.4 [1.8-9.1]
	55-59	43	2.9	14.7 [10.7-19.9]	37	2.1	17.8 [12.5-24.5]	6	0.8	7.2 [2.6-15.7]
	60-64	10	0.4	24.0 [11.5-44.1]	10	0.3	30.0 [14.4-55.2]	0	0.1	0.0 [0.0-44.3]
Eye and adnexa(C69)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	45-49	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	50-54	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	55-59	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]

Supplementary Table 6. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Brain(C71)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	14	7.1	2.0 [1.1-3.3]	NA	NA	NA [NA-NA]	10	4.8	2.1 [1.0-3.9]
	35-39	11	7.3	1.5 [0.7-2.7]	NA	NA	NA [NA-NA]	8	4.2	1.9 [0.8-3.7]
	40-44	12	7.3	1.6 [0.8-2.9]	8	3.7	2.2 [0.9-4.3]	NA	NA	NA [NA-NA]
	45-49	25	7.4	3.4 [2.2-5.0]	17	4.3	3.9 [2.3-6.3]	8	3.1	2.6 [1.1-5.1]
	50-54	17	5.8	3.0 [1.7-4.7]	12	4.2	2.9 [1.5-5.0]	NA	NA	NA [NA-NA]
	55-59	15	2.9	5.1 [2.9-8.5]	13	2.1	6.2 [3.3-10.7]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Spinal cord, cranial nerves, meninges and other parts of central nervous system (C70,C72)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	45-49	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	50-54	7	5.8	1.2 [0.5-2.5]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	55-59	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Other ill-defined, unspecified, secondary malignant neoplasms (C73-C80, C97)	25-29	319	4.7	68.4 [61.1-76.3]	25	1	25.0 [16.2-36.9]	294	3.7	80.2 [71.3-89.9]
	30-34	649	7.1	91.6 [84.7-99.0]	92	2.4	38.1 [30.7-46.7]	557	4.7	119.4 [109.6-129.7]
	35-39	751	7.2	103.6 [96.3-111.3]	115	3.1	37.3 [30.8-44.8]	636	4.2	152.6 [141.0-165.0]
	40-44	769	7.2	106.1 [98.7-113.8]	182	3.7	49.6 [42.7-57.4]	587	3.6	163.8 [150.8-177.6]
	45-49	749	7.3	102.1 [95.0-109.7]	256	4.3	59.1 [52.1-66.8]	493	3	164.3 [150.1-179.5]
	50-54	570	5.8	99.1 [91.2-107.6]	302	4.2	72.5 [64.5-81.1]	268	1.6	169.3 [149.6-190.8]
	55-59	292	2.9	100.1 [89.0-112.3]	154	2.1	73.9 [62.7-86.6]	138	0.8	165.6 [139.1-195.6]
	60-64	42	0.4	100.8 [72.6-136.3]	27	0.3	81.0 [53.4-117.9]	15	0.1	180.0 [100.7-296.9]

Supplementary Table 6. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Hodgkin lymphoma(C81)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	45-49	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	50-54	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	55-59	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Non-Hodgkin lymphoma (C82-85)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	21	7.3	2.9 [1.8-4.4]	9	3.1	2.9 [1.3-5.5]	12	4.2	2.8 [1.5-4.9]
	40-44	17	7.3	2.3 [1.4-3.7]	12	3.7	3.3 [1.7-5.7]	NA	NA	NA [NA-NA]
	45-49	35	7.4	4.7 [3.3-6.6]	24	4.3	5.5 [3.5-8.2]	11	3.1	3.6 [1.8-6.4]
	50-54	47	5.8	8.2 [6.0-10.9]	36	4.2	8.6 [6.1-12.0]	11	1.6	6.9 [3.5-12.4]
	55-59	36	2.9	12.3 [8.6-17.1]	31	2.1	14.9 [10.1-21.1]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Leukemia (C91-C95)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	16	7.1	2.3 [1.3-3.7]	8	2.4	3.3 [1.4-6.5]	8	4.8	1.7 [0.7-3.3]
	35-39	18	7.3	2.5 [1.5-3.9]	10	3.1	3.2 [1.6-6.0]	8	4.2	1.9 [0.8-3.7]
	40-44	22	7.3	3.0 [1.9-4.5]	11	3.7	3.0 [1.5-5.4]	11	3.7	3.0 [1.5-5.4]
	45-49	26	7.4	3.5 [2.3-5.1]	15	4.3	3.5 [1.9-5.7]	11	3.1	3.6 [1.8-6.4]
	50-54	32	5.8	5.6 [3.8-7.9]	25	4.2	6.0 [3.9-8.9]	7	1.6	4.4 [1.8-9.1]
	55-59	25	2.9	8.6 [5.5-12.7]	22	2.1	10.6 [6.6-16.0]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]

Supplementary Table 6. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C88-C90,C96)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	40-44	15	7.3	2.0 [1.1-3.4]	8	3.7	2.2 [0.9-4.3]	7	3.7	1.9 [0.8-3.9]
	45-49	19	7.4	2.6 [1.5-4.0]	14	4.3	3.2 [1.8-5.4]	NA	NA	NA [NA-NA]
	50-54	28	5.8	4.9 [3.2-7.0]	20	4.2	4.8 [2.9-7.4]	8	1.6	5.1 [2.2-10.0]
	55-59	26	2.9	8.9 [5.8-13.1]	21	2.1	10.1 [6.2-15.4]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Carcinoma in situ of cervix uteri (D06)	25-29	15	4.7	3.2 [1.8-5.3]	NA	NA	NA [NA-NA]	15	3.7	4.1 [2.3-6.7]
	30-34	41	7.1	5.8 [4.2-7.9]	NA	NA	NA [NA-NA]	41	4.8	8.6 [6.2-11.7]
	35-39	57	7.3	7.8 [5.9-10.1]	NA	NA	NA [NA-NA]	57	4.2	13.4 [10.2-17.4]
	40-44	47	7.3	6.4 [4.7-8.5]	NA	NA	NA [NA-NA]	47	3.7	12.8 [9.4-17.0]
	45-49	23	7.4	3.1 [2.0-4.7]	NA	NA	NA [NA-NA]	23	3.1	7.5 [4.7-11.2]
	50-54	9	5.8	1.6 [0.7-3.0]	NA	NA	NA [NA-NA]	9	1.6	5.7 [2.6-10.8]
	55-59	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Benign neoplasm of skin (D22-D23)	25-29	10	4.7	2.1 [1.0-3.9]	NA	NA	NA [NA-NA]	9	3.7	2.5 [1.1-4.7]
	30-34	24	7.1	3.4 [2.2-5.0]	13	2.4	5.4 [2.9-9.2]	11	4.8	2.3 [1.2-4.1]
	35-39	21	7.3	2.9 [1.8-4.4]	8	3.1	2.6 [1.1-5.1]	13	4.2	3.1 [1.6-5.2]
	40-44	35	7.3	4.8 [3.3-6.6]	19	3.7	5.2 [3.1-8.1]	16	3.7	4.4 [2.5-7.1]
	45-49	28	7.4	3.8 [2.5-5.5]	19	4.3	4.4 [2.6-6.8]	9	3.1	2.9 [1.3-5.5]
	50-54	30	5.8	5.2 [3.5-7.4]	24	4.2	5.8 [3.7-8.6]	6	1.6	3.8 [1.4-8.2]
	55-59	7	2.9	2.4 [1.0-4.9]	6	2.1	2.9 [1.1-6.3]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]

Supplementary Table 6. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Benign neoplasm of breast(D24)	25-29	378	4.7	81.0 [73.0-89.6]	NA	NA	NA [NA-NA]	378	3.7	103.1 [93.0-114.0]
	30-34	597	7.1	84.3 [77.7-91.3]	NA	NA	NA [NA-NA]	597	4.7	127.9 [117.9-138.6]
	35-39	724	7.2	99.9 [92.7-107.4]	NA	NA	NA [NA-NA]	724	4.2	173.8 [161.3-186.9]
	40-44	575	7.2	79.3 [73.0-86.1]	NA	NA	NA [NA-NA]	575	3.6	160.5 [147.6-174.1]
	45-49	325	7.3	44.3 [39.6-49.4]	NA	NA	NA [NA-NA]	323	3	107.7 [96.2-120.1]
	50-54	94	5.8	16.3 [13.2-20.0]	NA	NA	NA [NA-NA]	93	1.6	58.7 [47.4-72.0]
	55-59	40	2.9	13.7 [9.8-18.7]	NA	NA	NA [NA-NA]	39	0.8	46.8 [33.3-64.0]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Leiomyoma of uterus(D25)	25-29	399	4.7	85.5 [77.3-94.3]	NA	NA	NA [NA-NA]	399	3.7	108.8 [98.4-120.0]
	30-34	735	7.1	103.8 [96.4-111.5]	NA	NA	NA [NA-NA]	735	4.7	157.5 [146.3-169.3]
	35-39	1251	7.2	172.6 [163.1-182.4]	NA	NA	NA [NA-NA]	1251	4.2	300.2 [283.8-317.4]
	40-44	1462	7.2	204.0 [193.7-214.7]	NA	NA	NA [NA-NA]	1462	3.5	417.7 [396.6-439.7]
	45-49	721	7.2	99.4 [92.3-107.0]	NA	NA	NA [NA-NA]	721	2.9	247.2 [229.5-265.9]
	50-54	107	5.8	18.6 [15.3-22.5]	NA	NA	NA [NA-NA]	107	1.6	67.6 [55.4-81.7]
	55-59	27	2.9	9.3 [6.1-13.5]	NA	NA	NA [NA-NA]	27	0.8	32.4 [21.4-47.1]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Benign neoplasm of ovary(D27)	25-29	336	4.7	72.0 [64.5-80.1]	NA	NA	NA [NA-NA]	336	3.7	91.6 [82.1-102.0]
	30-34	327	7.1	46.2 [41.3-51.4]	NA	NA	NA [NA-NA]	327	4.7	70.1 [62.7-78.1]
	35-39	274	7.2	37.8 [33.5-42.5]	NA	NA	NA [NA-NA]	274	4.2	65.8 [58.2-74.0]
	40-44	187	7.2	25.8 [22.2-29.8]	NA	NA	NA [NA-NA]	187	3.6	52.2 [45.0-60.2]
	45-49	115	7.4	15.5 [12.8-18.6]	NA	NA	NA [NA-NA]	115	3.1	37.3 [30.8-44.8]
	50-54	55	5.8	9.6 [7.2-12.5]	NA	NA	NA [NA-NA]	55	1.6	34.7 [26.2-45.2]
	55-59	23	2.9	7.9 [5.0-11.8]	NA	NA	NA [NA-NA]	23	0.8	27.6 [17.5-41.4]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]

Supplementary Table 6. Continued

<sup>a</sup> Incidence rate per 100,000 person-years

Cancer site (ICD-10 code)	Age groups	Public officials								
		Total			Male workers			Female workers		
		Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]	Cases	Person-years (in 100,000)	Incidence rate <sup>a</sup> [95% CI]
Benign neoplasm of urinary organs(D30)	25-29	7	4.7	1.5 [0.6-3.1]	NA	NA	NA [NA-NA]	6	3.7	1.6 [0.6-3.6]
	30-34	9	7.1	1.3 [0.6-2.4]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	35-39	16	7.3	2.2 [1.2-3.5]	7	3.1	2.3 [0.9-4.7]	9	4.2	2.1 [1.0-4.0]
	40-44	17	7.3	2.3 [1.4-3.7]	8	3.7	2.2 [0.9-4.3]	9	3.7	2.5 [1.1-4.7]
	45-49	12	7.4	1.6 [0.8-2.8]	6	4.3	1.4 [0.5-3.0]	6	3.1	1.9 [0.7-4.2]
	50-54	28	5.8	4.9 [3.2-7.0]	20	4.2	4.8 [2.9-7.4]	8	1.6	5.1 [2.2-10.0]
	55-59	17	2.9	5.8 [3.4-9.3]	11	2.1	5.3 [2.6-9.4]	6	0.8	7.2 [2.6-15.7]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Benign neoplasm of brain and other parts of central nervous system (D33)	25-29	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
	30-34	15	7.1	2.1 [1.2-3.5]	8	2.4	3.3 [1.4-6.5]	7	4.8	1.5 [0.6-3.0]
	35-39	19	7.3	2.6 [1.6-4.0]	8	3.1	2.6 [1.1-5.1]	11	4.2	2.6 [1.3-4.6]
	40-44	31	7.3	4.2 [2.9-6.0]	15	3.7	4.1 [2.3-6.7]	16	3.7	4.4 [2.5-7.1]
	45-49	31	7.4	4.2 [2.8-5.9]	17	4.3	3.9 [2.3-6.3]	14	3.1	4.5 [2.5-7.6]
	50-54	29	5.8	5.0 [3.4-7.2]	20	4.2	4.8 [2.9-7.4]	9	1.6	5.7 [2.6-10.8]
	55-59	9	2.9	3.1 [1.4-5.9]	6	2.1	2.9 [1.1-6.3]	NA	NA	NA [NA-NA]
	60-64	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]	NA	NA	NA [NA-NA]
Other intraepithelial, benign neoplasms and neoplasms of unknown and unknown behavior (D00-D05,D07-D2 1,D26,D28-D29,D 31-D32,D34-D48)	25-29	292	4.7	62.6 [55.6-70.2]	50	1	50.0 [37.1-65.9]	242	3.7	66.0 [57.9-74.9]
	30-34	619	7.1	87.4 [80.6-94.6]	226	2.3	96.9 [84.6-110.3]	393	4.7	84.2 [76.1-93.0]
	35-39	906	7.2	125.0 [117.0-133.4]	350	3.1	113.5 [101.9-126.1]	556	4.2	133.4 [122.6-145.0]
	40-44	1247	7.2	174.0 [164.5-183.9]	616	3.6	171.9 [158.6-186.0]	631	3.6	176.1 [162.6-190.4]
	45-49	1667	7.2	229.9 [219.0-241.2]	1049	4.2	246.8 [232.1-262.2]	618	3	206.0 [190.1-222.9]
	50-54	1833	5.6	328.3 [313.4-343.7]	1387	4.1	339.7 [322.0-358.0]	446	1.6	281.7 [256.1-309.1]
	55-59	1048	2.8	369.9 [347.8-393.0]	817	2	408.5 [381.0-437.5]	231	0.8	308.0 [269.6-350.4]
	60-64	168	0.4	403.2 [344.5-469.0]	133	0.3	399.0 [334.1-472.9]	35	0.1	420.0 [292.5-584.1]