

Table 1.13:

Lung cancer deaths (ICD-9 162), age-standardized rate per 100,000 population and confidence interval, by sex, Canada, provinces, territories and health regions, 1996

Code Health Region Name	Total		Male		Female	
	Rate per 100,000	95% confidence interval	Rate per 100,000	95% confidence interval	Rate per 100,000	95% confidence interval
0 Canada	49.2	48.8, 49.7	72.0	71.2, 72.8	32.5	32.0, 33.0
10 Newfoundland	50.0	46.5, 53.4	81.9	75.4, 88.5	23.4	20.2, 26.7
1001 Health and Community Services St John's Region	50.1	44.1, 56.1	76.8	65.5, 88.1	30.7	24.3, 37.1
1002 Health and Community Services Eastern Region	62.7	54.5, 70.9	111.6	95.6, 127.7	21.2	14.7, 27.8
1003 Health and Community Services Central Region	41.0	34.3, 47.6	65.9	53.6, 78.3	18.9	12.6, 25.2
1004 Health and Community Services Western Region	45.0	37.0, 52.9	74.6	59.4, 89.8	19.1	12.0, 26.2
1005 Grenfell Regional Health Services Board	43.1	23.5, 62.7	83.0	44.1, 122.0	--	--
1006 Health Labrador Corporation	72.9	37.6, 108.2	94.4	37.8, 151.0	55.7	6.7, 104.7
11 Prince Edward Island	56.6	49.5, 63.7	78.0	65.7, 90.4	41.7	33.3, 50.2
1101 Urban Health Region	55.0	44.8, 65.3	69.1	51.9, 86.3	46.7	33.6, 59.7
1102 Rural Health Region	58.0	48.2, 67.8	85.4	67.8, 102.9	37.4	26.5, 48.4
12 Nova Scotia	57.8	55.1, 60.5	84.1	79.2, 89.0	38.9	35.9, 41.9
1201 Zone 1	51.5	45.1, 57.8	70.3	59.5, 81.2	36.5	29.1, 43.8
1202 Zone 2	50.1	41.9, 58.3	73.9	59.1, 88.7	33.2	23.9, 42.5
1203 Zone 3	60.5	52.7, 68.2	89.4	75.3, 103.5	37.5	29.2, 45.9
1204 Zone 4	57.8	49.9, 65.6	87.1	72.8, 101.4	36.5	27.7, 45.3
1205 Zone 5	69.4	62.2, 76.6	109.0	95.1, 123.0	42.8	35.1, 50.6
1206 Zone 6	57.1	52.5, 61.8	80.2	71.6, 88.8	41.9	36.6, 47.2
13 New Brunswick	55.2	52.2, 58.1	86.3	80.7, 91.9	31.9	28.8, 34.9
1301 Region 1	53.8	48.0, 59.5	81.5	70.8, 92.3	33.0	26.8, 39.2
1302 Region 2	58.6	52.4, 64.8	85.8	74.4, 97.2	39.7	32.7, 46.7
1303 Region 3	47.8	41.7, 53.8	75.8	64.3, 87.2	26.4	20.2, 32.5
1304 Region 4	67.2	55.2, 79.3	131.3	105.2, 157.5	20.6	11.7, 29.5
1305 Region 5	69.1	53.6, 84.5	107.6	78.2, 136.9	41.5	25.1, 57.9
1306 Region 6	50.0	41.4, 58.6	79.2	63.3, 95.1	25.0	16.7, 33.3
1307 Region 7	57.5	45.8, 69.3	86.0	64.9, 107.0	33.5	21.1, 45.9
24 Quebec	60.4	59.4, 61.4	96.9	94.9, 98.9	35.0	33.9, 36.0
2401 Région du Bas-Saint-Laurent	55.8	50.4, 61.2	95.1	84.5, 105.8	26.3	21.2, 31.4
2402 Région du Saguenay - Lac-Saint-Jean	72.5	66.6, 78.4	130.8	118.3, 143.4	30.1	25.1, 35.1
2403 Région de Québec	58.3	55.1, 61.5	98.8	92.0, 105.6	32.5	29.3, 35.7
2404 Région de la Mauricie et Centre-du-Québec	61.4	57.7, 65.1	103.7	96.2, 111.2	31.8	28.1, 35.4
2405 Région de l'Estrie	54.9	50.2, 59.6	91.4	82.2, 100.7	28.9	24.3, 33.6
2406 Région de Montréal-Centre	56.6	54.8, 58.4	88.9	85.4, 92.5	35.7	33.8, 37.6
2407 Région de l'Outaouais	66.0	60.4, 71.7	100.8	89.7, 111.8	40.9	34.9, 46.8
2408 Région de l'Abitibi-Témiscamingue	74.5	66.2, 82.9	116.2	100.5, 132.0	40.2	31.8, 48.5
2409 Région de la Côte-Nord	91.3	78.8, 103.8	136.4	113.1, 159.7	52.7	40.0, 65.5
2410 Région du Nord-du-Québec	125.8	71.3, 180.4	197.4	83.0, 311.8	65.0	16.9, 113.2
2411 Région de la Gaspésie-Îles-de-la-Madeleine	78.3	69.2, 87.4	128.9	111.7, 146.0	36.3	27.8, 44.9
2412 Région de la Chaudière-Appalaches	55.3	51.1, 59.5	96.5	88.1, 105.0	24.4	20.6, 28.2
2413 Région de Laval	60.3	55.6, 65.1	90.0	80.6, 99.4	40.9	35.8, 46.1

Table 1.13:

Lung cancer deaths (ICD-9 162), age-standardized rate per 100,000 population and confidence interval, by sex, Canada, provinces, territories and health regions, 1996

Code Health Region Name	Total		Male		Female	
	Rate per 100,000	95% confidence interval	Rate per 100,000	95% confidence interval	Rate per 100,000	95% confidence interval
2414 Région de Lanaudière	71.1	65.9, 76.4	105.4	95.5, 115.2	43.8	38.2, 49.3
2415 Région des Laurentides	67.6	63.0, 72.2	104.0	95.2, 112.9	39.2	34.4, 43.9
2416 Région de la Montérégie	57.9	55.4, 60.4	89.4	84.5, 94.2	35.7	33.1, 38.3
2417 Région du Nunavik	145.1	50.1, 240.2	215.2	14.3, 416.1	98.3	11.5, 185.0
2418 Région des Terres-Cries-de-la-Baie-James	77.2	12.4, 142.0	124.6	23.7, 225.4	--	--
35 Ontario	44.3	43.6, 45.0	63.8	62.6, 65.1	30.0	29.2, 30.8
3501 Champlain District Health Council	47.5	45.1, 49.9	64.8	60.5, 69.1	35.9	33.0, 38.7
3502 Quinte-Kingston and Rideau DHC	53.5	50.1, 56.8	70.8	65.0, 76.6	40.8	36.8, 44.8
3503 Durham-Haliburton-Kawartha and Pine Ridge DHC	48.8	46.0, 51.6	66.8	61.8, 71.8	36.0	32.7, 39.3
3504 Toronto District Health Council	37.4	36.0, 38.7	55.8	53.3, 58.3	24.1	22.7, 25.5
3505 Simcoe-York District Health Council	39.3	36.9, 41.8	56.8	52.3, 61.3	26.0	23.3, 28.7
3506 Halton-Peel District Health Council	39.7	37.3, 42.0	58.0	53.5, 62.4	26.3	23.8, 28.9
3507 Waterloo-Wellington-Dufferin DHC	40.3	37.4, 43.2	59.8	54.4, 65.2	25.5	22.3, 28.6
3508 Hamilton-Wentworth DHC	49.6	46.2, 52.9	72.1	65.9, 78.2	33.1	29.4, 36.9
3509 Niagara District Health Council	43.4	40.2, 46.6	62.8	56.9, 68.8	29.4	25.8, 33.0
3510 Grand River DHC	48.1	43.3, 53.0	71.6	62.7, 80.5	31.4	26.0, 36.8
3511 Thames Valley DHC	45.1	42.0, 48.1	68.8	63.1, 74.6	28.1	24.8, 31.3
3512 Essex-Kent and Lambton DHC	52.0	48.9, 55.1	78.2	72.3, 84.0	33.5	30.1, 36.9
3513 Grey-Bruce-Huron and Perth DHC	40.3	36.6, 44.0	52.6	46.4, 58.9	31.0	26.5, 35.5
3514 Muskoka-Nipissing and Parry Sound DHC	53.9	49.0, 58.8	79.0	70.0, 87.9	34.4	28.9, 39.8
3515 Algoma-Cochrane-Manitoulin and Sudbury DHC	56.6	52.6, 60.5	78.6	71.5, 85.6	39.4	34.9, 43.9
3516 Northwestern Ontario DHC	54.1	48.9, 59.2	77.7	68.5, 87.0	35.6	29.8, 41.3
3526 Algoma Public Health Unit	56.5	49.7, 63.4	80.1	67.7, 92.5	37.6	29.9, 45.2
3527 Brant Public Health Unit	47.8	41.1, 54.4	67.1	55.1, 79.1	35.8	27.9, 43.7
3530 Durham Public Health Unit	48.4	44.4, 52.4	66.5	59.2, 73.7	35.4	30.8, 40.0
3531 Elgin-St Thomas Public Health Unit	47.2	39.1, 55.3	66.5	51.7, 81.3	33.9	24.5, 43.3
3533 Bruce-Grey-Owen Sound Public Health Unit	42.3	37.2, 47.3	52.8	44.4, 61.1	33.9	27.5, 40.2
3534 Haldimand-Norfolk Public Health Unit	48.2	41.1, 55.3	76.0	62.8, 89.2	26.3	19.1, 33.5
3535 Haliburton-Kawartha-Pine Ridge Public Health Unit	46.6	41.4, 51.7	58.8	50.2, 67.4	37.9	31.4, 44.4
3536 Halton Public Health Unit	43.1	39.1, 47.1	62.1	54.5, 69.6	29.8	25.3, 34.3
3537 Hamilton-Wentworth Public Health Unit	49.6	46.2, 52.9	72.1	65.9, 78.2	33.1	29.4, 36.9
3538 Hastings and Prince Edward Public Health Unit	56.1	50.2, 62.1	77.1	66.7, 87.4	39.9	33.0, 46.9
3539 Huron Public Health Unit	41.1	33.2, 49.1	63.4	48.6, 78.3	24.5	15.9, 33.1
3540 Kent-Chatham Public Health Unit	52.0	44.9, 59.0	79.8	66.4, 93.3	32.8	25.0, 40.5
3541 Kingston-Frontenac-Lennox and Addington Public Health Unit	54.9	49.0, 60.7	70.1	60.2, 80.1	43.8	36.6, 50.9
3542 Lambton Public Health Unit	46.5	40.5, 52.6	72.3	60.5, 84.0	29.4	22.7, 36.0
3543 Leeds-Grenville-Lanark Public Health Unit	49.8	44.2, 55.4	65.9	56.2, 75.6	39.0	32.1, 45.8

Table 1.13:

Lung cancer deaths (ICD-9 162), age-standardized rate per 100,000 population and confidence interval, by sex, Canada, provinces, territories and health regions, 1996

Code Health Region Name	Total		Male		Female	
	Rate per 100,000	95% confidence interval	Rate per 100,000	95% confidence interval	Rate per 100,000	95% confidence interval
3544 Middlesex-London Public Health Unit	45.1	41.4, 48.8	70.8	63.6, 77.9	26.7	22.9, 30.6
3545 Muskoka-Parry Sound Public Health Unit	45.9	38.8, 53.0	70.0	57.2, 82.9	24.8	17.7, 32.0
3546 Niagara Public Health Unit	43.4	40.2, 46.6	62.8	56.9, 68.8	29.4	25.8, 33.0
3547 North Bay Public Health Unit	59.6	51.4, 67.8	86.4	71.5, 101.4	40.2	31.0, 49.4
3549 Northwestern Public Health Unit	58.6	48.9, 68.3	78.9	62.4, 95.3	41.1	29.8, 52.3
3551 Ottawa Carleton Public Health Unit	43.0	40.2, 45.7	57.9	52.9, 63.0	33.8	30.5, 37.1
3552 Oxford Public Health Unit	43.7	36.7, 50.7	64.6	51.8, 77.4	28.9	21.0, 36.9
3553 Peel Public Health Unit	37.5	34.6, 40.3	55.1	49.7, 60.5	24.3	21.2, 27.3
3554 Perth Public Health Unit	35.3	28.0, 42.6	42.5	30.5, 54.6	30.8	21.4, 40.2
3555 Peterborough Public Health Unit	51.8	45.6, 58.0	75.1	63.9, 86.4	35.8	28.6, 42.9
3556 Porcupine Public Health Unit	60.5	51.4, 69.5	77.3	61.9, 92.7	47.5	36.5, 58.4
3557 Renfrew Public Health Unit	47.8	40.7, 54.9	68.4	55.7, 81.1	32.3	24.2, 40.5
3558 Eastern Ontario Public Health Unit	63.4	57.2, 69.6	86.7	75.8, 97.5	45.6	38.3, 52.9
3560 Simcoe Public Health Unit	48.0	44.0, 52.1	71.4	63.8, 78.9	29.8	25.5, 34.1
3561 Sudbury Public Health Unit	54.3	48.7, 60.0	77.5	67.1, 87.9	36.6	30.3, 42.9
3562 Thunder Bay Public Health Unit	52.9	46.7, 59.0	78.3	67.0, 89.6	33.7	27.0, 40.5
3563 Timiskaming Public Health Unit	60.9	48.3, 73.6	88.1	64.5, 111.8	43.2	28.5, 57.8
3565 Waterloo Public Health Unit	41.0	37.3, 44.6	63.2	56.2, 70.1	24.5	20.7, 28.3
3566 Wellington-Dufferin-Guelph Public Health Unit	39.1	34.3, 43.9	54.1	45.6, 62.6	27.3	21.9, 32.8
3568 Windsor-Essex Public Health Unit	54.4	50.2, 58.6	80.7	72.8, 88.6	35.5	30.9, 40.1
3570 York Public Health Unit	32.8	29.8, 35.8	46.0	40.4, 51.5	23.0	19.6, 26.3
3595 City of Toronto Public Health Unit	37.4	36.0, 38.7	55.8	53.3, 58.3	24.1	22.7, 25.5
46 Manitoba	47.7	45.5, 49.9	64.1	60.3, 68.0	35.6	32.9, 38.2
4610 Winnipeg	50.7	47.7, 53.8	69.9	64.5, 75.4	38.1	34.6, 41.7
4615 Brandon	47.1	36.4, 57.7	63.4	45.1, 81.6	34.3	21.8, 46.7
4620 North Eastman	49.4	37.1, 61.7	60.1	41.0, 79.3	39.6	23.7, 55.5
4625 South Eastman	34.7	25.0, 44.4	52.5	35.1, 69.9	18.8	8.9, 28.7
4630 Interlake	48.7	40.2, 57.3	58.5	44.9, 72.0	40.9	29.8, 52.0
4640 Central	34.0	27.6, 40.5	47.2	36.2, 58.2	23.7	16.1, 31.3
4650 Marquette	46.8	36.0, 57.6	69.2	50.5, 88.0	26.6	15.0, 38.2
4655 South Westman	51.6	40.0, 63.3	74.4	54.1, 94.6	31.5	18.8, 44.1
4660 Parkland	40.2	30.9, 49.5	45.1	31.4, 58.9	36.9	23.9, 49.9
4670 Norman	63.9	41.6, 86.1	83.6	46.8, 120.4	46.2	19.8, 72.5
4680 Burntwood/Churchill	53.9	30.2, 77.6	66.9	28.1, 105.7	43.7	13.7, 73.6
47 Saskatchewan	42.2	40.1, 44.4	57.5	53.8, 61.1	30.6	28.0, 33.2
4701 Weyburn (A) Service Area	41.5	33.2, 49.9	63.9	49.3, 78.5	23.0	13.7, 32.3
4702 Moose Jaw (B) Service Area	41.5	33.4, 49.6	48.9	36.2, 61.6	36.3	25.6, 47.0
4703 Swift Current (C) Service Area	37.5	28.7, 46.4	56.2	40.7, 71.7	22.2	12.3, 32.1
4704 Regina (D) Service Area	46.3	41.5, 51.1	65.6	57.1, 74.1	32.4	26.9, 37.9
4705 Yorkton (E) Service Area	38.6	31.5, 45.8	49.0	37.7, 60.4	30.6	21.2, 39.9
4706 Saskatoon (F) Service Area	40.1	35.9, 44.3	57.3	49.9, 64.8	28.3	23.3, 33.2
4707 Rosetown (G) Service Area	43.9	34.1, 53.7	53.1	37.6, 68.6	38.0	25.0, 51.0
4708 Melfort (H) Service Area	30.4	22.4, 38.4	31.1	19.7, 42.4	30.5	18.9, 42.0
4709 Prince Albert (I) Service Area	42.6	34.8, 50.5	55.4	42.5, 68.3	32.8	23.0, 42.6
4710 North Battleford (J) Service Area	51.6	41.8, 61.4	70.5	54.1, 86.8	33.4	22.5, 44.4

Table 1.13:

Lung cancer deaths (ICD-9 162), age-standardized rate per 100,000 population and confidence interval, by sex, Canada, provinces, territories and health regions, 1996

Code Health Region Name	Total		Male		Female	
	Rate per 100,000	95% confidence interval	Rate per 100,000	95% confidence interval	Rate per 100,000	95% confidence interval
4711 Northern Health Services Branch (K) Service Area	63.4	38.0, 88.9	72.7	34.7, 110.7	53.4	19.7, 87.2
48 Alberta	43.0	41.5, 44.5	58.6	56.0, 61.3	31.3	29.5, 33.1
4801 Chinook Regional Health Authority	40.3	34.4, 46.2	61.2	50.5, 71.9	23.9	17.6, 30.2
4802 Palliser Health Authority	43.6	36.0, 51.3	57.1	44.1, 70.0	33.7	24.4, 43.0
4803 Headwaters Health Authority	48.1	38.1, 58.2	59.9	42.9, 77.0	41.0	28.2, 53.8
4804 Calgary Regional Health Authority	41.7	38.9, 44.5	58.0	52.9, 63.2	30.2	26.9, 33.4
4805 Health Authority #5	37.5	28.0, 46.9	49.6	33.6, 65.6	28.0	16.7, 39.3
4806 David Thompson Regional Health Authority	43.4	37.6, 49.2	63.5	53.2, 73.8	26.8	20.5, 33.1
4807 East Central Health Authority	41.3	34.7, 47.8	56.0	45.1, 66.9	28.9	21.0, 36.7
4808 WestView Regional Health Authority	46.6	37.6, 55.7	59.4	44.2, 74.6	36.2	25.2, 47.2
4809 Crossroads Regional Health Authority	60.1	45.0, 75.2	95.1	66.4, 123.8	32.8	17.6, 47.9
4810 Capital Health Authority	42.9	40.1, 45.8	56.5	51.4, 61.5	33.6	30.2, 37.0
4811 Aspen Regional Health Authority	37.4	30.0, 44.8	54.3	41.4, 67.3	22.4	14.3, 30.4
4812 Lakeland Regional Health Authority	46.9	39.1, 54.6	62.5	49.6, 75.3	34.1	24.6, 43.5
4813 Mistahia Regional Health Authority	46.0	36.1, 56.0	60.0	43.1, 76.8	35.5	23.3, 47.6
4814 Peace Regional Health Authority	58.6	35.5, 81.8	94.2	51.3, 137.1	27.1	5.2, 49.0
4815 Keeweenaw Regional Health Authority	60.8	35.3, 86.2	69.7	32.0, 107.4	50.5	16.8, 84.2
4816 Northern Lights Regional Health Authority	76.5	39.9, 113.2	61.3	8.5, 114.0	96.6	40.8, 152.4
4817 Northwestern Regional Health Authority	35.7	13.8, 57.5	39.4	6.7, 72.2	32.1	2.4, 61.8
59 British Columbia	44.9	43.7, 46.0	59.0	57.0, 61.0	34.2	32.8, 35.6
5901 East Kootenay	46.7	38.3, 55.1	61.8	47.6, 75.9	34.2	24.2, 44.3
5902 West Kootenay-Boundary	40.8	33.6, 48.1	46.4	35.2, 57.6	36.6	27.0, 46.3
5903 North Okanagan	45.5	39.3, 51.7	58.6	48.4, 68.9	34.2	26.8, 41.6
5904 South Okanagan Similkameen	39.2	35.3, 43.1	51.1	44.5, 57.7	29.6	25.0, 34.2
5905 Thompson	50.6	43.4, 57.8	64.3	52.1, 76.4	39.7	31.0, 48.4
5906 Fraser Valley	47.3	42.4, 52.2	60.7	52.6, 68.8	36.0	30.2, 41.9
5907 South Fraser Valley	43.6	40.3, 46.9	56.0	50.4, 61.6	34.4	30.5, 38.4
5908 Simon Fraser	53.4	48.3, 58.6	71.6	62.3, 81.0	41.7	35.6, 47.7
5909 Coast Garibaldi	48.3	39.3, 57.3	63.7	48.4, 79.0	35.1	24.5, 45.8
5910 Central Vancouver Island	49.0	44.4, 53.6	62.6	54.7, 70.5	39.3	33.6, 45.1
5911 Upper Island / Central Coast	47.7	40.2, 55.3	59.4	47.0, 71.8	37.2	28.0, 46.4
5912 Cariboo	46.7	36.4, 57.0	53.9	37.7, 70.0	40.4	27.2, 53.6
5913 North West	56.8	44.7, 69.0	77.8	57.1, 98.6	36.7	22.9, 50.6
5914 Peace Liard	61.9	47.5, 76.3	75.7	53.0, 98.3	46.9	29.3, 64.4
5915 Northern Interior	51.9	42.6, 61.1	71.1	55.1, 87.1	34.1	23.9, 44.3
5916 Vancouver	41.6	38.6, 44.6	58.2	52.8, 63.6	29.3	25.9, 32.7
5917 Burnaby	45.6	40.4, 50.8	61.7	52.4, 71.1	34.2	28.1, 40.3
5918 North Shore	35.2	30.6, 39.8	46.7	38.5, 55.0	26.9	21.6, 32.2
5919 Richmond	42.7	36.6, 48.7	63.4	51.9, 75.0	28.0	21.4, 34.5
5920 Capital	44.9	41.3, 48.5	58.7	52.6, 64.7	35.9	31.5, 40.3
5921 Vancouver/Richmond	41.6	38.9, 44.3	58.9	54.1, 63.8	28.9	25.9, 31.9
5922 Simon Fraser/Burnaby	49.9	46.2, 53.6	66.9	60.3, 73.5	38.5	34.2, 42.8

Table 1.13:

Lung cancer deaths (ICD-9 162), age-standardized rate per 100,000 population and confidence interval, by sex, Canada, provinces, territories and health regions, 1996

Code Health Region Name	Total		Male		Female	
	Rate per 100,000	95% confidence interval	Rate per 100,000	95% confidence interval	Rate per 100,000	95% confidence interval
60 Yukon Territory	73.1	46.5, 99.8	80.8	43.8, 117.7	61.9	25.9, 98.0
6001 Yukon Territory	73.1	46.5, 99.8	80.8	43.8, 117.7	61.9	25.9, 98.0
61 Northwest Territories	66.3	42.4, 90.2	70.5	36.8, 104.2	58.5	26.7, 90.3
6101 Northwest Territories	66.3	42.4, 90.2	70.5	36.8, 104.2	58.5	26.7, 90.3
62 Nunavut	131.8	75.9, 187.7	115.3	45.8, 184.9	151.1	60.1, 242.0
6201 Nunavut	131.8	75.9, 187.7	115.3	45.8, 184.9	151.1	60.1, 242.0

-- Suppressed due to both small numbers and extremely high variability

Confidence intervals illustrate the degree of variability associated with the rate. See Technical Notes.

These rates are created by average of three years of data (1995, 1996, 1997) over the 1996 population estimates; age-standardized to the 1991 Canadian population age structure.

Rates for Ontario are presented for both **District Health Councils (DHC)** and **Public Health Units (PHU)**. DHCs are more relevant for health system analysis while PHUs are more relevant for health status measures.

Source: *Canadian Vital Statistics Database, Statistics Canada*



Statistique Canada
Statistics Canada



institut canadien
d'information sur la santé
Canadian Institute
for Health Information

Published by the authority of the Minister responsible for Statistics Canada

© Minister of Industry, 2000

© Canadian Institute for Health Information

Contents of this publication may be reproduced in whole or in part provided the intended use is for non-commercial purposes and the sources are clearly identified.