

Health Indicators

Section 3. Mortality and Life Expectancy

Data source: IntelliHEALTH Database – Ontario Ministry of Health and Long-Term Care (MOHLTC)

Updated: February, 2024

[Description](#)

3.05 Potentially Avoidable Mortality (PAM)

Table 01. Proportion of PAM in All Deaths (Age<75 years), 2012-2021

		EOHU		Ontario	
		Male	Female	Male	Female
#	All Deaths	4668	3231	228685	151930
	Avoidable diseases	3367	2262	162758	103388
	Preventable diseases	2858	1613	135818	69665
	Treatable diseases	1376	1033	61404	50163
%	All Deaths	100%	100%	100%	100%
	Avoidable diseases	72.1%	70.0%	71.2%	68.0%
	Preventable diseases	61.2%	49.9%	59.4%	45.9%
	Treatable diseases	29.5%	32.0%	26.9%	33.0%

Figure 01. Potentially Avoidable Mortality in All Deaths (Age<75 Years), EOHU & Ontario, 2012-2021

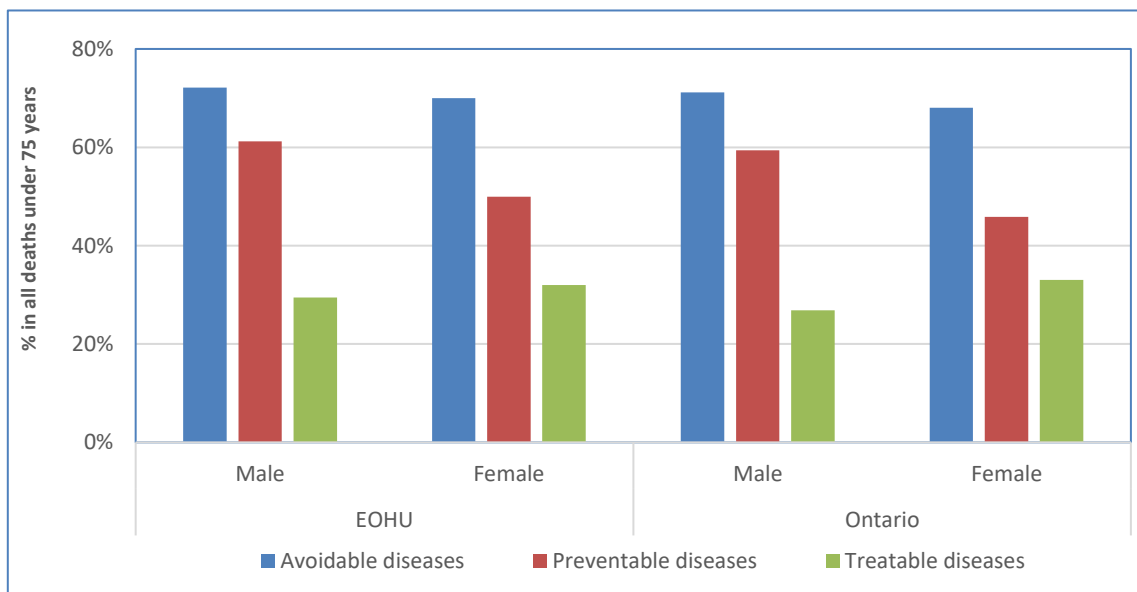


Table 02. Potentially Preventable Deaths, Male (Age<75 years), EOHU & Ontario, 2012-2021

	Leading causes of preventable deaths	EOHU		Ontario	
		#	%	#	%
1	Ischaemic heart disease	768	26.9%	32978	24.3%
2	Lung cancer	535	18.7%	19180	14.1%
3	Diabetes mellitus	199	7.0%	7098	5.2%
4	COPD	179	6.3%	6608	4.9%
5	Suicide	175	6.1%	9025	6.6%
6	Cerebrovascular diseases	111	3.9%	6413	4.7%
7	Alcohol-related diseases*	107	3.7%	7271	5.4%
8	Esophageal cancer	84	2.9%	3969	2.9%
9	Liver cancer	81	2.8%	4587	3.4%
10	Transport accidents	77	2.7%	4170	3.1%
	Preventable diseases	2858	100.0%	135818	100.0%

Alcohol-related diseases*: excluding external causes

Figure 02. The Leading Causes of Potentially Preventable Deaths, Male (Age<75 years), EOHU & Ontario, 2012-2021

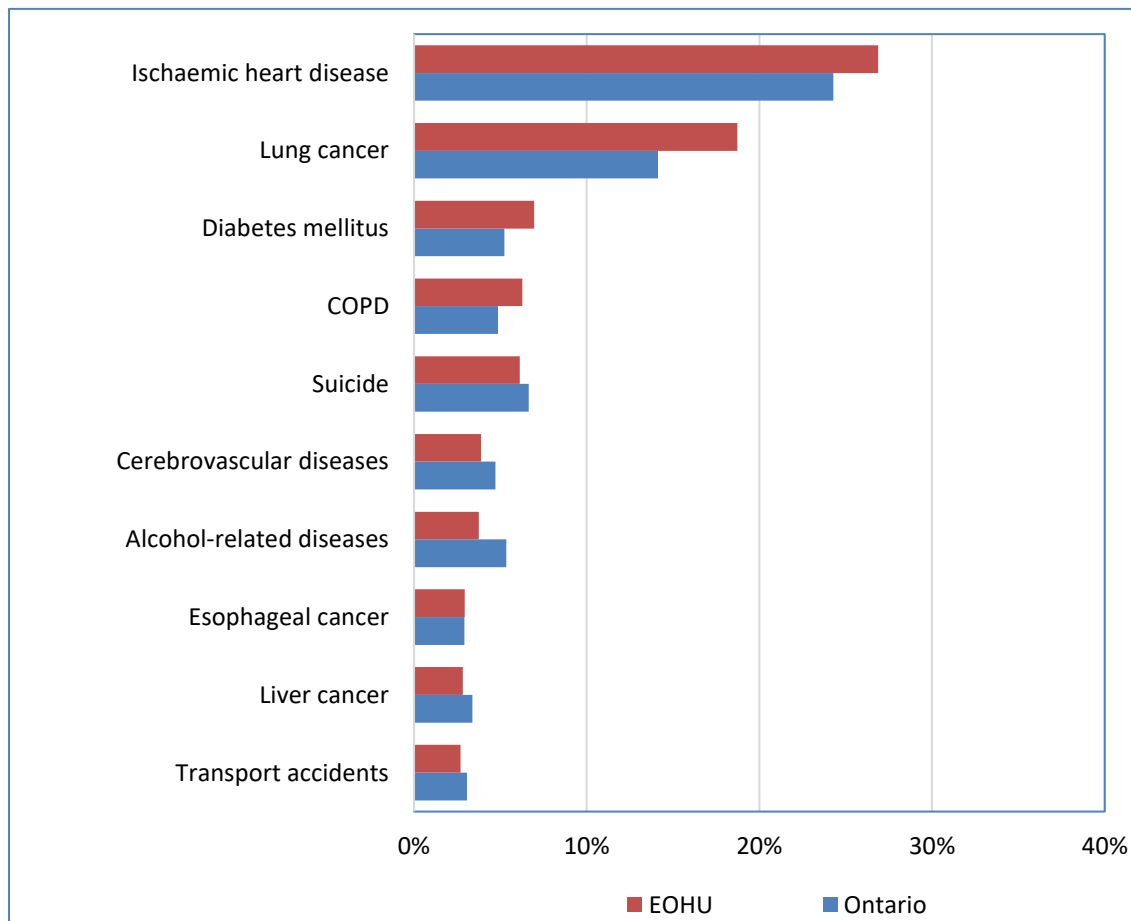


Table 03. Potentially Preventable Deaths, Female (Age<75 years), EOHU & Ontario, 2012-2021

	Preventable deaths	EOHU		Ontario	
		#	%	#	%
1	Lung cancer	579	35.9%	17130	24.6%
2	Ischaemic heart disease	281	17.4%	11726	16.8%
3	COPD	179	11.1%	5628	8.1%
4	Diabetes mellitus	92	5.7%	3973	5.7%
5	Cerebrovascular diseases	91	5.6%	5036	7.2%
6	Suicide	47	2.9%	3246	4.7%
7	Liver cancer	39	2.4%	2030	2.9%
8	Accidental poisonings	35	2.2%	3880	5.6%
9	Alcohol-related diseases*	31	1.9%	2600	3.7%
10	Falls	29	1.8%	1638	2.4%
	Preventable diseases	1613	100.0%	69665	100.0%

Alcohol-related diseases*: excluding external causes

Figure 03. The Leading Causes of Potentially Preventable Deaths, Female (Age<75 years), EOHU & Ontario, 2012-2021

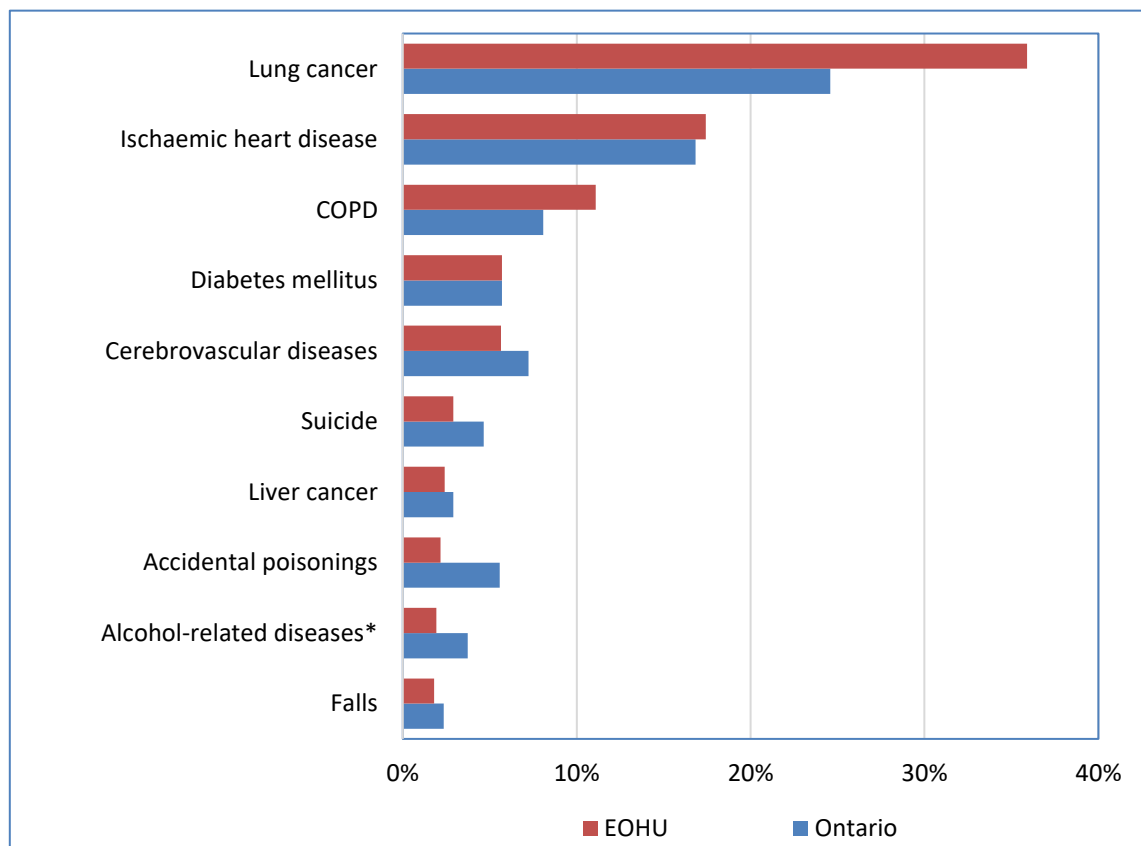


Table 04. Potentially Treatable Diseases, Male (Age<75 years), EOHU & Ontario, 2012-2021

	Treatable diseases	EOHU		Ontario	
		#	%	#	%
1	Angina pectoris, CIHD	523	38.0%	20041	32.6%
2	Diabetes mellitus	199	14.5%	7098	11.6%
3	Colorectal cancer	155	11.3%	7992	13.0%
4	Cerebrovascular diseases	111	8.1%	6413	10.4%
5	Bladder cancer	59	4.3%	1886	3.1%
6	Pneumonia	40	2.9%	2437	4.0%
7	Congenital malformations*	37	2.7%	1944	3.2%
8	Hypertensive diseases	34	2.5%	2470	4.0%
9	Other atherosclerosis	34	2.5%	912	1.5%
10	Renal failure	31	2.3%	1271	2.1%
	Treatable diseases	1376	100%	61404	100%

Congenital malformations*: include deformations and chromosomal anomalies

Figure 04. The Leading Causes of Treatable Deaths, Male (Age <75 years), EOHU & Ontario, 2012-2021

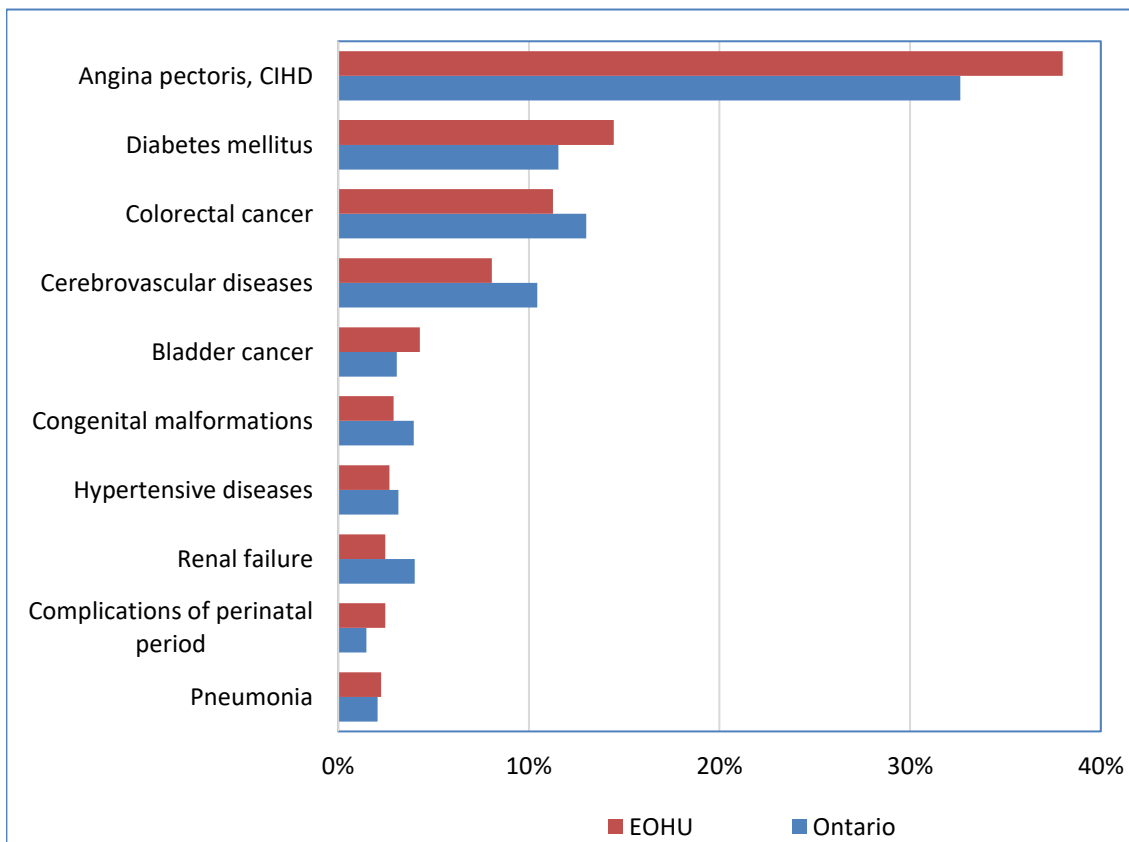


Table 05. Potentially Treatable Diseases, Female (Age<75 years), EOHU & Ontario, 2012-2021

	Treatable diseases	EOHU		Ontario	
		#	%	#	%
1	Female breast cancer	230	22.3%	11262	22.5%
2	Angina pectoris, CIHD	186	18.0%	6865	13.7%
3	Colorectal cancer	118	11.4%	5533	11.0%
4	Diabetes mellitus	92	8.9%	3973	7.9%
5	Cerebrovascular diseases	91	8.8%	5036	10.0%
6	Pneumonia	35	3.4%	1621	3.2%
7	Hypertensive diseases	31	3.0%	1260	2.5%
8	Uterus cancer	30	2.9%	2845	5.7%
9	Congenital malformations*	29	2.8%	1725	3.4%
10	Cervical cancer	26	2.5%	1251	2.5%
	Treatable diseases	1033	100%	50163	100%

Congenital malformations*: include deformations and chromosomal anomalies

Figure 04. The Leading Causes of Treatable Deaths, Female (Age <75 years), EOHU & Ontario, 2012-2021

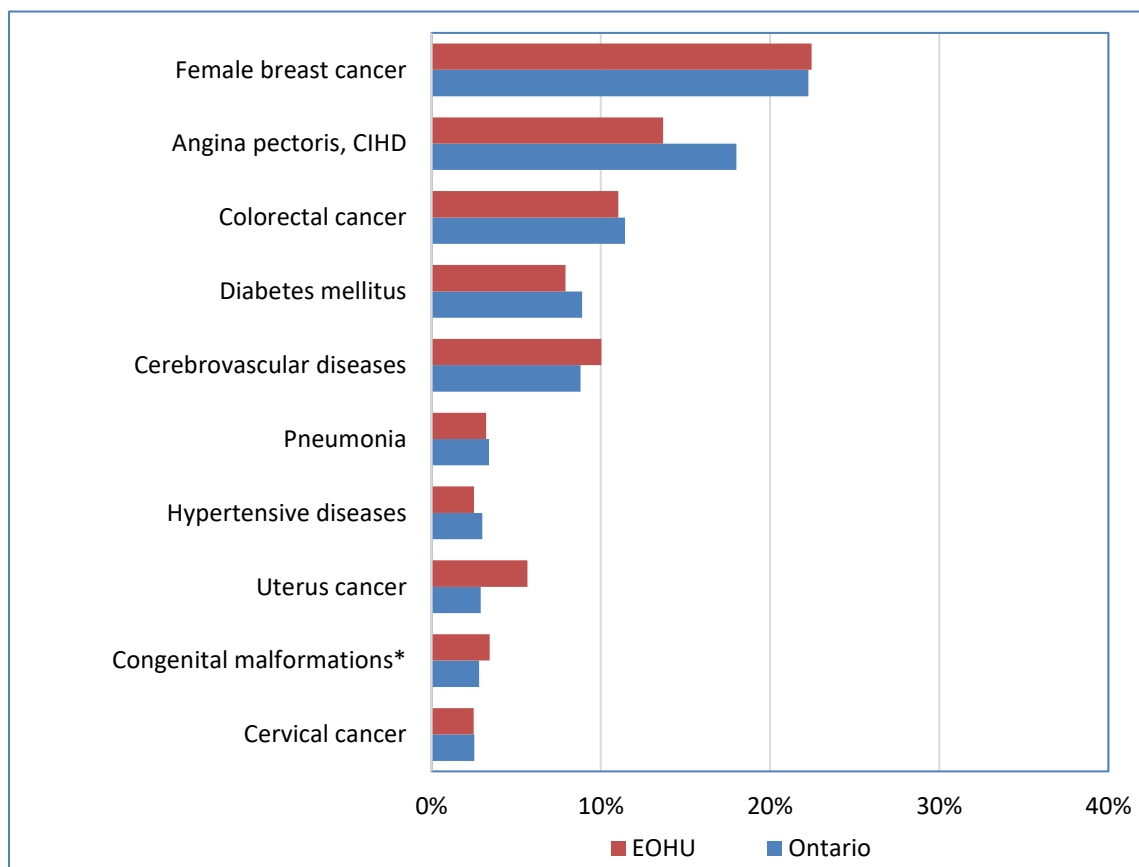


Table 05. Mortality Rate for Potentially Avoidable Diseases (per 100,000 population) in Age <75 years, EOHU & Ontario, 2009-2021

	EOHU		Ontario	
	Male	Female	Male	Female
2009	310.3	232.5	242.5	152.0
2010	320.0	242.6	243.4	150.7
2011	326.9	206.5	238.1	148.3
2012	352.1	208.5	238.4	151.2
2013	338.3	224.0	242.0	151.6
2014	333.5	231.0	244.0	154.8
2015	349.5	252.4	240.3	160.4
2016	327.5	224.5	249.8	161.5
2017	340.3	237.4	249.9	160.7
2018	354.7	249.8	241.9	157.5
2019	345.4	251.9	256.9	158.4
2020	351.3	229.9	273.3	164.8
2021	384.4	247.8	262.4	159.2

Compared with Ontario average: P < 0.05

Figure 05. The Mortality Rate for Potentially Avoidable Diseases in Age <75 years, EOHU & Ontario, 2009-2021

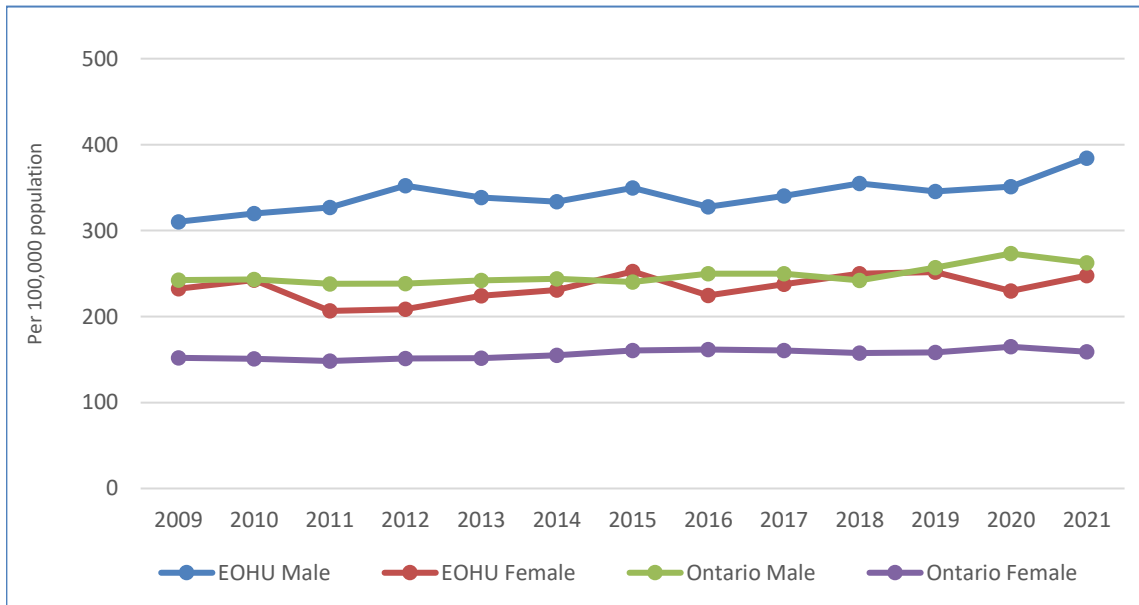


Table 06. Mortality Rate for Potentially Avoidable Diseases (per 100,000 population) in 65 Years+, EOHU & Ontario, 2009-2021

	EOHU		Ontario	
	Male	Female	Male	Female
2009	2982.1	2771.3	2778.1	2289.7
2010	2965.4	2775.3	2670.9	2216.4
2011	2945.5	2313.7	2585.8	2156.0
2012	2838.1	2390.1	2484.0	2060.3
2013	2807.2	2493.7	2446.0	2061.9
2014	2926.5	2430.6	2446.8	2016.4
2015	2613.6	2483.7	2352.7	2005.6
2016	2670.3	2225.0	2248.2	1921.2
2017	2665.8	2221.9	2284.2	1888.1
2018	2643.4	2210.8	2227.7	1865.3
2019	2436.9	2171.2	2192.6	1780.5
2020	2425.3	2088.9	2174.2	1747.3
2021	2600.5	2008.0	2078.5	1659.8

Compared with Ontario average: P < 0.05

Figure 06. Mortality Rate for Potentially Avoidable Diseases in 65 Years+, EOHU & Ontario, 2009-2021

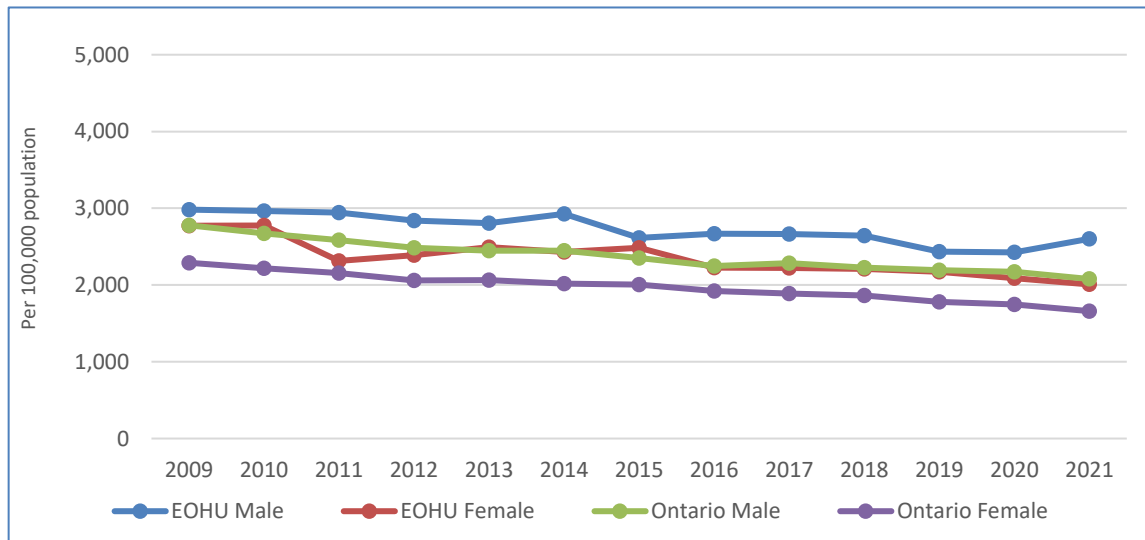


Table 07. Age Specific Mortality Rate for Preventable Avoidable Diseases (per 100,000 population), Age<75 Years, EOHU & Ontario, 2009-2021

	EOHU		Ontario	
	Male	Female	Male	Female
2009	253.8	160.4	201.4	101.4
2010	271.3	179.5	202.3	100.2
2011	279.4	148.0	197.4	97.5
2012	316.5	145.0	198.7	99.7
2013	279.7	156.4	202.4	102.0
2014	283.3	161.4	202.4	103.2
2015	302.6	174.6	199.8	107.8
2016	272.4	159.5	208.2	108.2
2017	282.2	166.3	208.5	108.1
2018	294.9	179.0	200.9	107.0
2019	287.2	180.7	214.7	107.4
2020	291.6	171.7	228.6	112.8
2021	341.2	185.9	220.8	108.1

Compared with Ontario average: P < 0.05

Figure 07. Age Specific Mortality Rate for Preventable Avoidable Diseases, Age<75 Years, EOHU & Ontario, 2009-2021

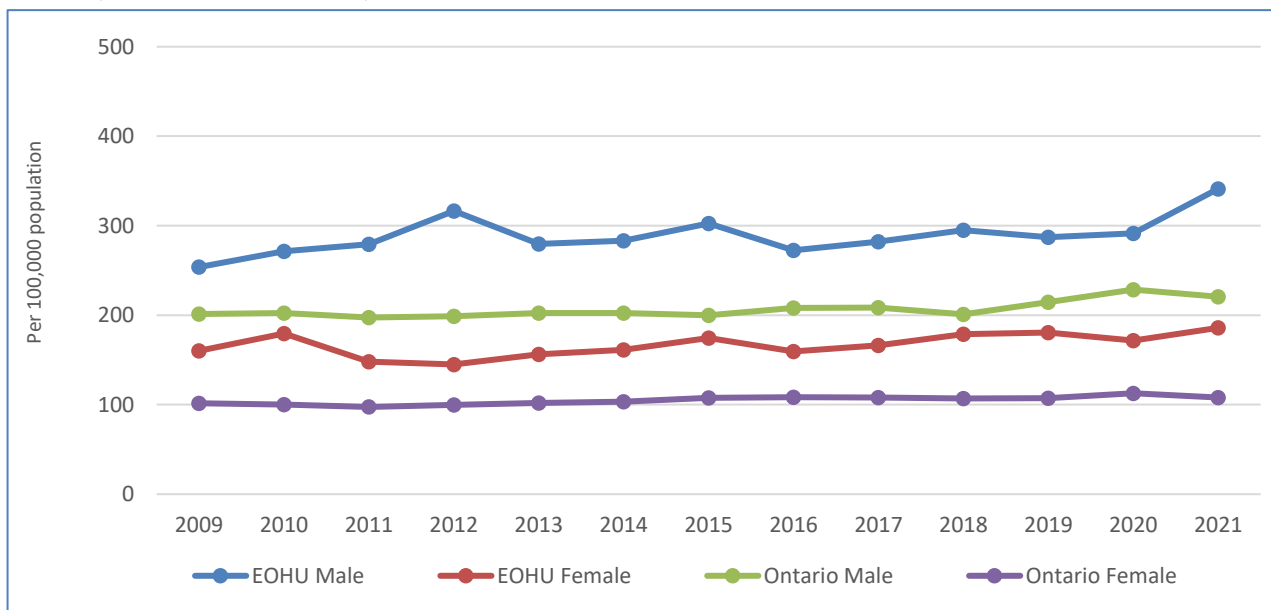


Table 08. Age Specific Mortality Rate for Potentially Preventable Diseases (per 100,000 population), 65 Years+, EOHU & Ontario, 2009-2021

	EOHU		Ontario	
	Male	Female	Male	Female
2009	2405.8	2160.0	2218.0	1677.4
2010	2405.5	2085.7	2130.8	1625.7
2011	2361.7	1806.9	2051.7	1567.8
2012	2391.3	1803.2	1972.5	1500.9
2013	2314.3	1920.2	1937.3	1496.4
2014	2312.2	1866.2	1927.2	1452.9
2015	2108.7	1885.5	1854.7	1444.8
2016	2124.5	1703.4	1783.7	1380.8
2017	2111.9	1703.3	1793.0	1350.2
2018	2164.6	1612.6	1746.3	1322.5
2019	1940.0	1579.4	1709.1	1260.8
2020	1902.6	1517.3	1691.5	1230.3
2021	2083.1	1466.1	1635.9	1170.3

Compared with Ontario average: P < 0.05

Figure 08. Age Specific Mortality Rate for Potentially Preventable Diseases, 65 Years+, EOHU & Ontario, 2009-2021

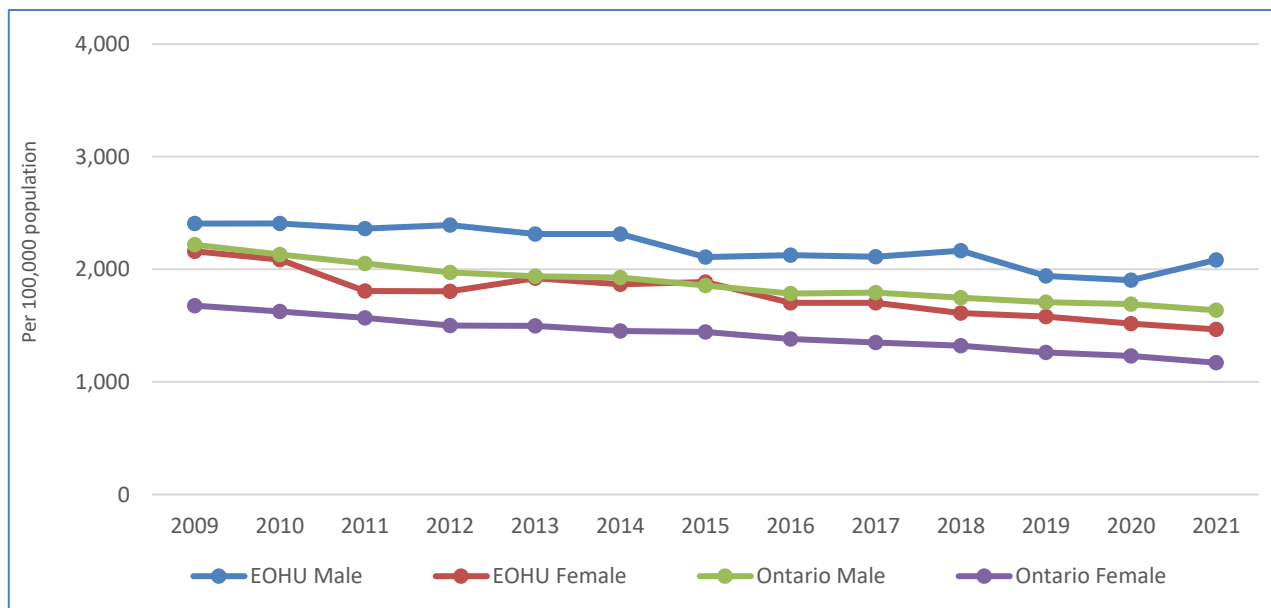


Table 09. Age Specific Mortality Rate for Treatable Diseases (per 100,000 population), Age<75 Years, EOHU & Ontario, 2009-2021

	EOHU		Ontario	
	Male	Female	Male	Female
2009	128.0	111.9	94.2	76.4
2010	128.2	99.4	92.8	74.6
2011	121.3	86.2	91.8	74.3
2012	125.8	103.7	89.6	75.2
2013	142.5	106.7	90.5	73.7
2014	144.3	111.8	95.0	75.7
2015	144.0	122.0	91.0	78.4
2016	135.2	107.0	95.3	79.2
2017	133.8	100.4	94.0	77.3
2018	150.6	113.4	91.3	74.5
2019	138.0	113.6	95.1	75.9
2020	155.9	89.9	103.6	79.3
2021	151.0	108.7	97.5	77.7

Compared with Ontario average: P < 0.05

Figure 09. Age Specific Mortality Rate for Treatable Diseases, Age<75 Years, EOHU & Ontario, 2009-2021

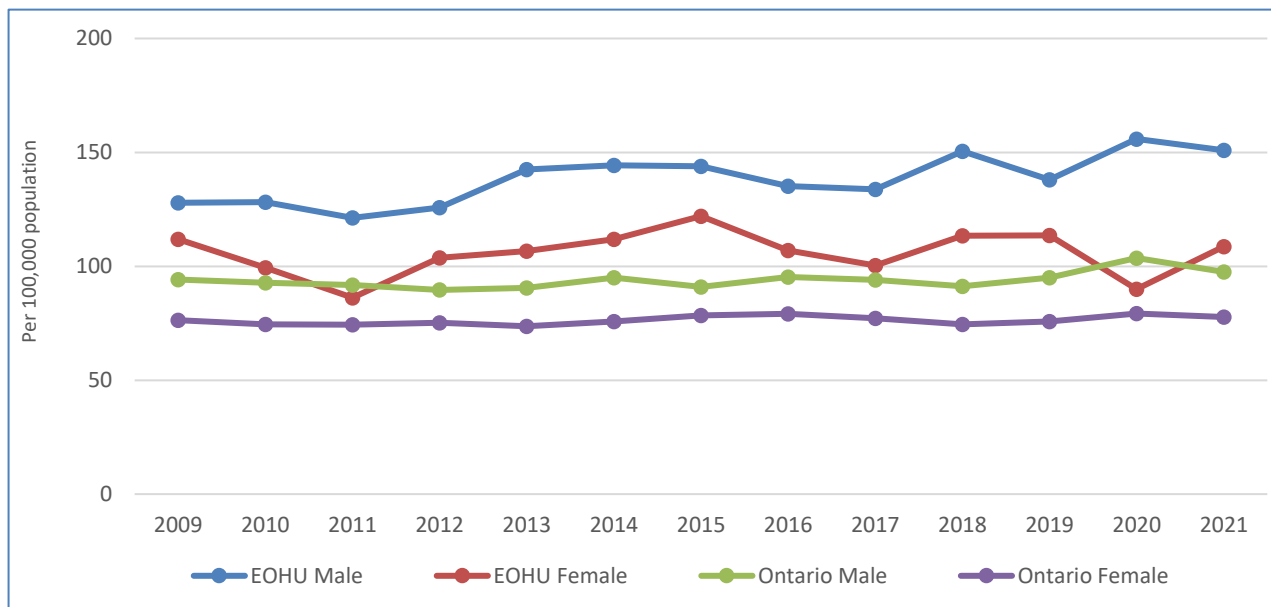
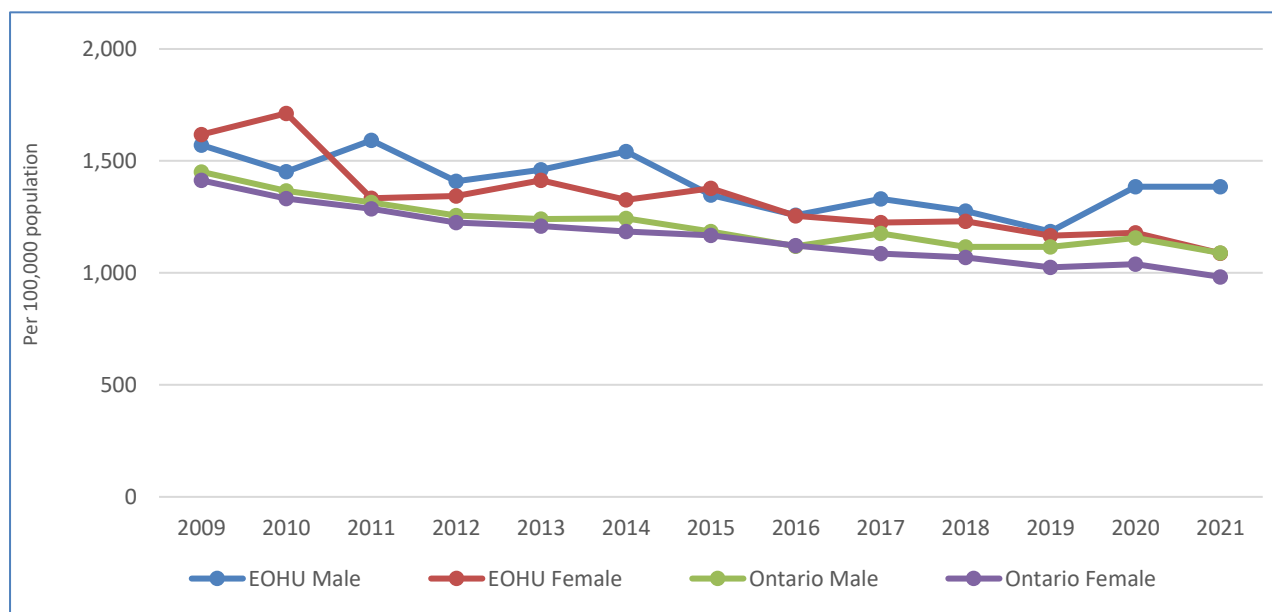


Table 10. Mortality Rate for Treatable Diseases (per 100,000 population), 65 Years+, EOHU & Ontario, 2009-2021

Year	EOHU		Ontario	
	Male	Female	Male	Female
2009	1570.3	1618.5	1451.4	1413.1
2010	1451.6	1712.6	1366.8	1331.6
2011	1592.1	1333.1	1314.3	1286.8
2012	1409.6	1343.1	1256.8	1225.2
2013	1460.7	1413.3	1240.3	1208.6
2014	1541.5	1326.7	1242.9	1185.4
2015	1348.4	1378.3	1185.3	1167.8
2016	1257.6	1255.6	1119.6	1121.6
2017	1330.3	1225.0	1175.7	1085.7
2018	1276.8	1231.1	1115.8	1069.5
2019	1185.0	1166.9	1116.9	1025.3
2020	1384.6	1179.3	1156.6	1039.6
2021	1384.3	1087.8	1089.1	982.6

Compared with Ontario average: P < 0.05

Figure 10. Age Specific Mortality Rate for Potentially Treatable Diseases, 65 Years+, EOHU & Ontario, 2009-2021



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