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Accompanying tables for COPD briefing

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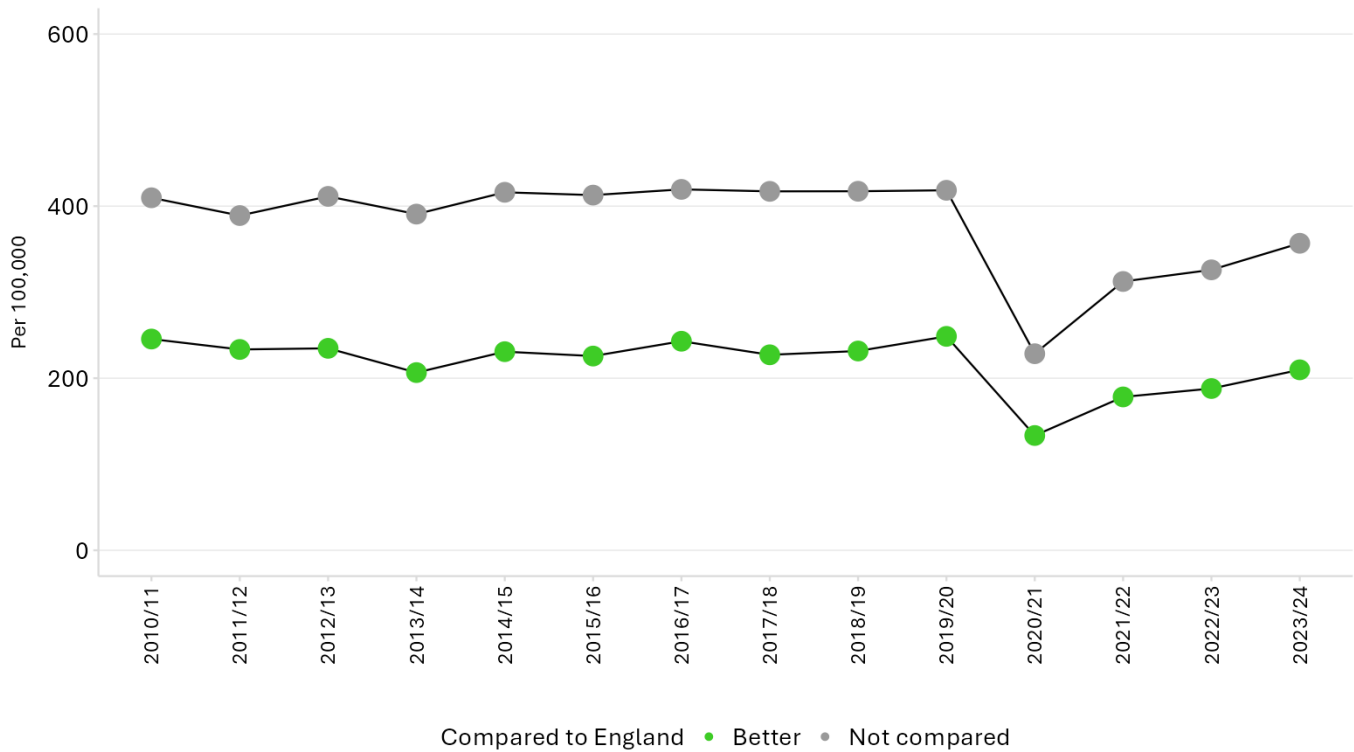
West Sussex Public Health and Social Research Unit



These tables accompany a briefing which provides a summary of data on chronic obstructive pulmonary disease in West Sussex.

Hospital admissions

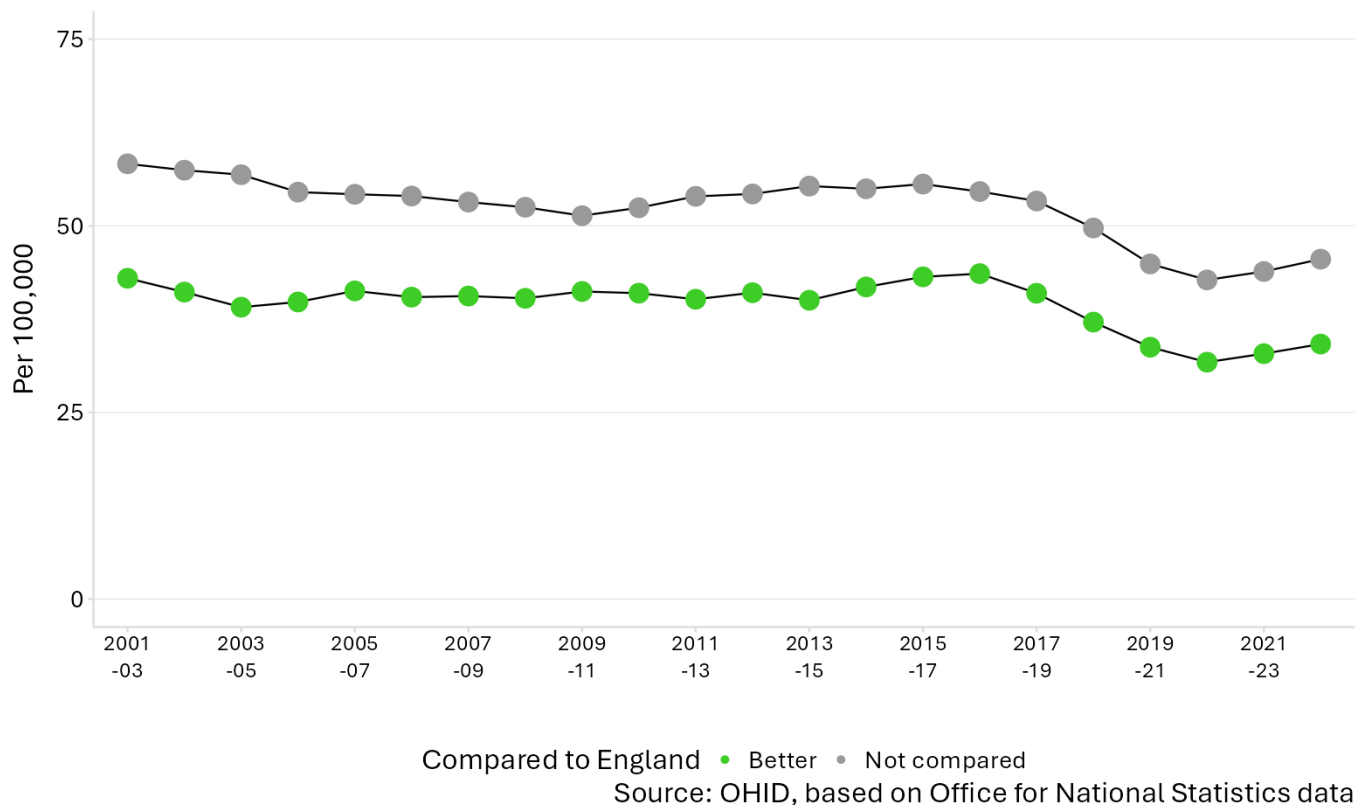
Emergency hospital admissions for COPD (aged 35 and over); West Sussex compared to England. Directly standardised rates per 100,000 ESP; 2010/11-2023/24



Source: OHID, based on NHS England and Office for National Statistics data.

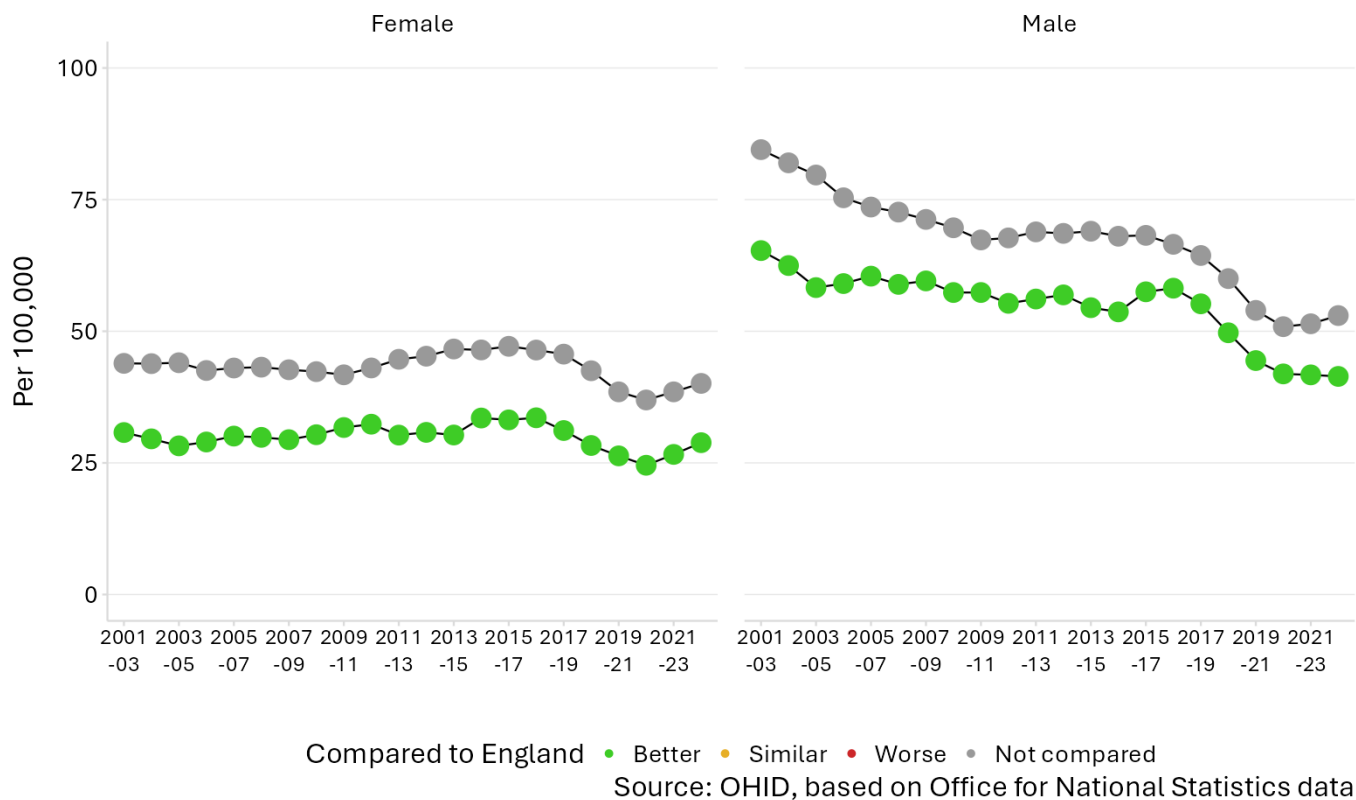
Mortality rate

Mortality rate from chronic obstructive pulmonary disease, all ages (Persons, 3 year range); West Sussex compared to England. Directly standardised rates per 100,000 ESP; 2001-03 to 2022-24



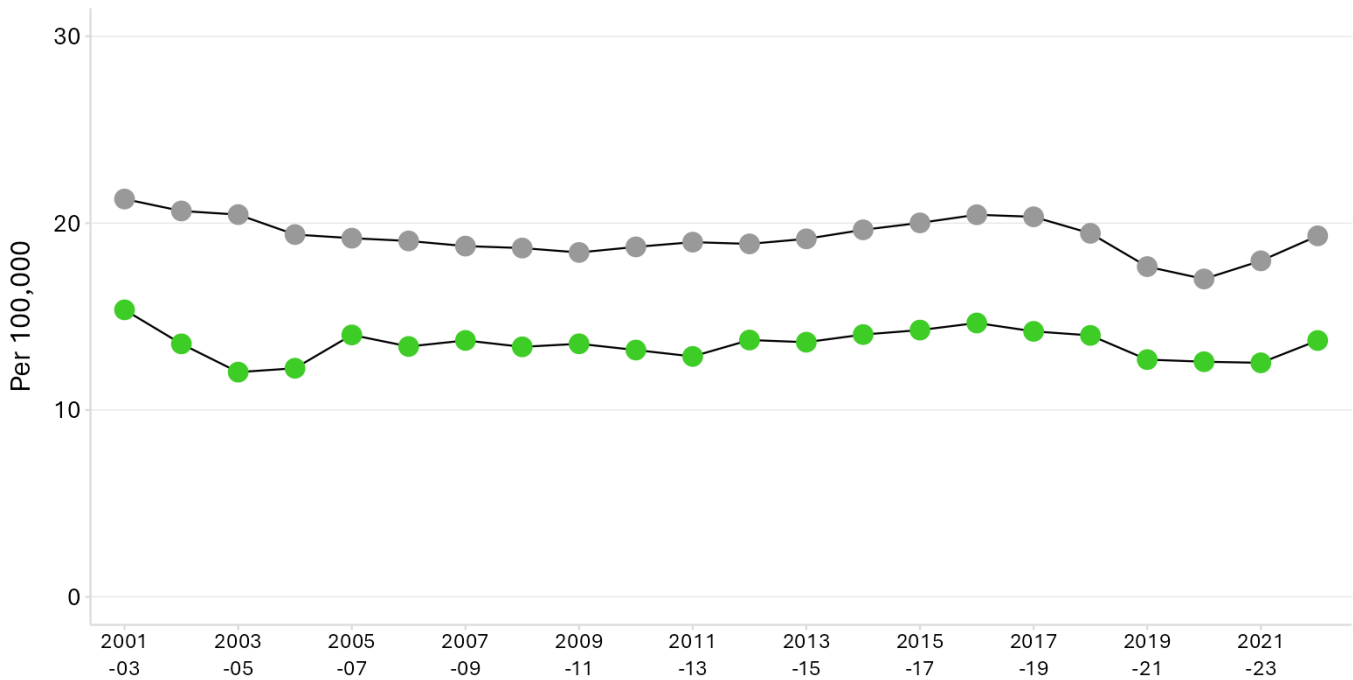
Mortality rate by sex

Mortality rate from chronic obstructive pulmonary disease, all ages by sex; West Sussex and England. Directly standardised rates per 100,000 ESP; 2001-03 to 2022-24



Preventable mortality rate

Under 75 mortality rate from respiratory disease considered preventable; West Sussex and England. Directly standardised rates per 100,000 ESP; 2001-03 to 2022-24



Compared to England ● Better ● Similar ● Worse ● Not compared
Source: OHID, based on Office for National Statistics data

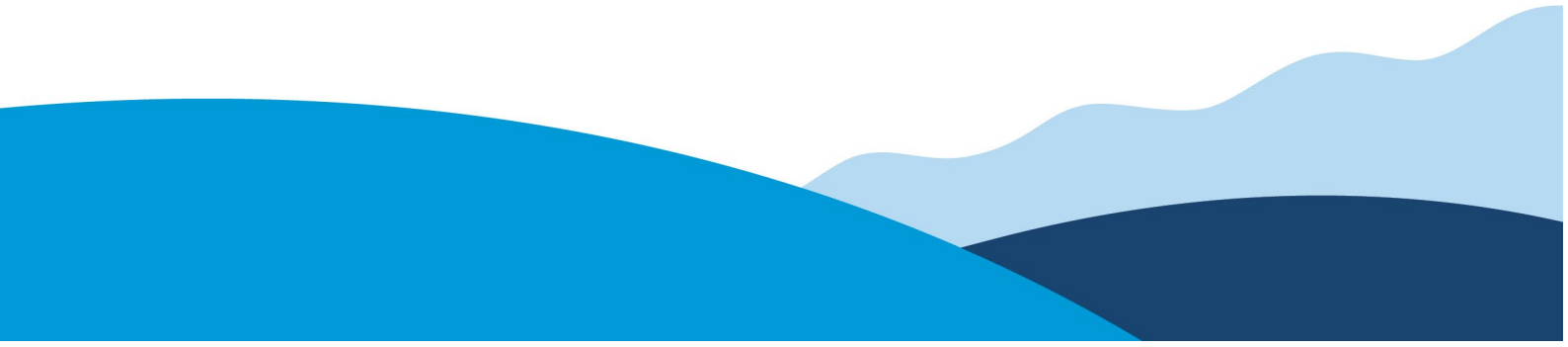
Findings from the latest Global Burden of Disease and Risk Factors Study 2023

These tables summarise the latest release of the Global Burden of Disease and Risk Factors Study (GBD) and what it tells about chronic obstructive pulmonary disease in the Southeast and England.

Summary of occurrence measures provided by the GBD for the South East and England

Area	Prevalence		
	Number	% of all prevalent cases across all causes	Age-standardized rate (per 100,000)
South East England	628,202 (559,649-687,342)	6.9% (6.2%-7.6%)	3,267 (2,946-3,580)
England	3,636,024 (3,252,713-3,982,674)	6.6% (5.9%-7.2%)	3,284 (2,944-3,591)

Source. Global Burden of Disease Collaborative Network. Global Burden of Disease Study 2023 (GBD 2023) Results. Seattle, United States: Institute for Health Metrics and Evaluation (IHME), 2024. Available from <https://vizhub.healthdata.org/gbd-results/>.



Summary of measures of burden provided by the GBD for the South East and England

Area	YLLs (Years of Life Lost)			YLDs (Years Lived with Disability)			DALYs (Disability-Adjusted Life Years)		
	Number	%	Age-standardized rate (per 100,000)	Number	%	Age-standardized rate (per 100,000)	Number	%	Age-standardized rate (per 100,000)
South East England	71,855 (62,718-80,126)	4.8% (4.3%-5.2%)	335 (295-370)	30,794 (25,865-36,786)	2.1% (1.6%-2.7%)	163 (137-194)	102,649 (91,992-113,033)	3.5% (3%-3.9%)	497 (446-548)
England	485,100 (441,708-520,773)	5.1% (4.6%-5.5%)	400 (367-428)	178,431 (150,620-210,273)	2% (1.5%-2.6%)	163 (138-192)	663,531 (613,146-715,056)	3.6% (3.2%-4%)	563 (522-606)

Source. Global Burden of Disease Collaborative Network. Global Burden of Disease Study 2023 (GBD 2023) Results. Seattle, United States: Institute for Health Metrics and Evaluation (IHME), 2024. Available from <https://vizhub.healthdata.org/gbd-results/>.

Summary of measures of mortality provided by the GBD for the South East and England

Area	Deaths		
	Number	%	Age-standardized rate (per 100,000)
South East England	4,872 (4,166-5,538)	5.4% (4.7%-5.9%)	20 (18-23)
England	31,864 (28,321-34,573)	5.8% (5.1%-6.3%)	24 (22-26)

Source. Global Burden of Disease Collaborative Network. Global Burden of Disease Study 2023 (GBD 2023) Results. Seattle, United States: Institute for Health Metrics and Evaluation (IHME), 2024. Available from <https://vizhub.healthdata.org/gbd-results/>.



Summary of total number change by measure and area; 1990-2023

Measure by area	1990	2013	2018	2023	% change between 2018-2023	% change between 2013-2023	% change between 1990-2023
Incidence							
South East England	25,973 (23,219-28,640)	35,184 (31,509-38,482)	38,062 (33,753-41,769)	41,083 (36,205-44,937)	7.9%	16.8%	58.2%
England	160,395 (144,457-175,964)	208,270 (185,977-226,414)	224,214 (198,779-244,785)	240,952 (212,745-263,443)	7.5%	15.7%	50.2%
Prevalence							
South East England	396,970 (361,811-435,982)	544,792 (496,858-592,052)	595,653 (538,549-648,912)	628,202 (559,649-687,342)	5.5%	15.3%	58.2%
England	2,404,946 (2,187,340-2,617,235)	3,181,631 (2,886,841-3,461,081)	3,462,089 (3,126,659-3,766,941)	3,636,024 (3,252,713-3,982,674)	5.0%	14.3%	51.2%
Deaths							
South East England	3,708 (3,423-3,941)	5,164 (4,467-5,623)	5,104 (4,460-5,543)	4,873 (4,166-5,538)	-4.5%	-5.6%	31.4%
England	27,511 (25,790-28,967)	33,936 (29,660-36,585)	33,827 (30,100-36,452)	31,864 (28,321-34,573)	-5.8%	-6.1%	15.8%
Years of Life Lost (YLLs)							
South East England	60,605 (56,690-64,208)	73,739 (65,770-79,363)	74,924 (67,441-80,329)	71,855 (62,718-80,126)	-4.1%	-2.6%	18.6%

Measure by area	1990	2013	2018	2023	% change between 2018-2023	% change between 2013-2023	% change between 1990-2023
England	470,311 (442,993-493,656)	499,852 (452,645-532,403)	513,319 (467,041-546,036)	485,100 (441,708-520,773)	-5.5%	-3.0%	3.1%
Years Lived with Disability (YLLs)							
South East England	19,795 (16,722-23,330)	26,889 (22,901-31,953)	29,397 (25,376-34,982)	30,794 (25,865-36,785)	4.8%	14.5%	55.6%
England	120,230 (102,298-141,064)	157,421 (134,133-185,897)	171,071 (146,866-202,852)	178,431 (150,620-210,273)	4.3%	13.3%	48.4%
Disability-Adjusted Life Years (DALYs)							
South East England	80,400 (75,647-85,442)	100,628 (91,566-108,440)	104,321 (95,266-112,215)	102,649 (91,992-113,033)	-1.6%	2.0%	27.7%
England	590,542 (560,102-622,127)	657,273 (604,664-700,814)	684,390 (629,289-729,285)	663,531 (613,146-715,056)	-3.0%	1.0%	12.4%

Source. Global Burden of Disease Collaborative Network. Global Burden of Disease Study 2023 (GBD 2023) Results. Seattle, United States: Institute for Health Metrics and Evaluation (IHME), 2024. Available from <https://vizhub.healthdata.org/gbd-results/>.

Leading ten level three causes of DALYs for the South East in 2023; All ages

Cause	Number of DALYs	Percentage of all-cause DALYs
Ischemic heart disease	179,889 (160,514-197,183)	6.1% (5.3%-6.9%)
Low back pain	136,827 (97,210-186,144)	4.6% (3.7%-5.5%)
Depressive disorders	130,421 (90,182-176,095)	4.4% (3.4%-5.5%)
Anxiety disorders	129,014 (89,541-182,804)	4.3% (3.3%-5.6%)
Falls	123,801 (95,234-160,812)	4.1% (3.5%-4.9%)
Chronic obstructive pulmonary disease	102,649 (91,992-113,033)	3.5% (3%-3.9%)
Alzheimer's disease and other dementias	100,618 (47,684-205,409)	3.4% (1.6%-6.9%)
Stroke	96,261 (84,491-106,824)	3.2% (2.9%-3.6%)
Tracheal, bronchus, and lung cancer	93,530 (83,560-102,773)	3.2% (2.7%-3.6%)
Diabetes mellitus	74,919 (57,330-94,899)	2.5% (2.1%-2.9%)

Source. Global Burden of Disease Collaborative Network. Global Burden of Disease Study 2023 (GBD 2023) Results. Seattle, United States: Institute for Health Metrics and Evaluation (IHME), 2024. Available from <https://vizhub.healthdata.org/gbd-results/>.

