



Freedom of Information Request	FOI 20-457	26 th January 2021
--------------------------------	------------	-------------------------------

I am currently studying Health Care Science in Gower collage Swansea, in order to apply to university to complete a paramedic science degree. As part of the course I have to complete a research project on chronic obstructive pulmonary disease (COPD), and have to find Welsh health board figures and data between 2009 to2019 on the following: COPD cost to NHS, COPD survival rate and different treatment options, by Welsh health board

Please see below the completed table as requested.

Hospital Discharges Who Required Ventilation (Invasive or Non-Evasive), with a Secondary Diagnosis of COPD, by Outcome

Year	Procedure	Outcome			Total
		Discharged	Transferred	Died	
2009	Invasive ventilation	2			2
	Non-invasive ventilation	10	3	18	31
	Unspecified ventilation support	1		3	4
2009 Total		13	3	21	37
2010	Invasive ventilation	1	1	2	4
	Non-invasive ventilation	10	2	20	32
	Unspecified ventilation support		1		1
2010 Total		11	4	22	37
2011	Invasive ventilation		1		1
	Non-invasive ventilation	17	12	22	51
	Unspecified ventilation support		1	1	2
2011 Total		17	14	23	54
2012	Invasive ventilation	1			1
	Non-invasive ventilation	18		14	32
	Unspecified ventilation support		2	3	5
2012 Total		19	2	17	38
2013	Invasive ventilation	1	1		2
	Non-invasive ventilation	19	3	34	56
2013 Total		20	4	34	58
2014	Invasive ventilation		1	2	3
	Non-invasive ventilation	36	5	27	68
	Unspecified ventilation support			1	1
2014 Total		36	6	30	72
2015	Invasive ventilation	1	1	9	11
	Non-invasive ventilation	26	1	40	67
2015 Total		27	2	49	78
2016	Invasive ventilation	3	1	4	8
	Non-invasive ventilation	26	7	26	59
	Unspecified ventilation support			1	1
2016 Total		29	8	31	68
2017	Invasive ventilation	1	2	6	9
	Non-invasive ventilation	36	1	32	69
	Unspecified ventilation support			1	1
2017 Total		37	3	39	79
2018	Invasive ventilation	1	1	5	7
	Non-invasive ventilation	15	5	29	49
2018 Total		16	6	34	56

2019	Invasive ventilation		1	5	6
	Non-invasive ventilation	19	5	20	44
2019 Total		19	6	25	50
Total		244	58	325	627

Hospital Discharges Who Required Ventilation (Invasive or Non-Evasive), with a Primary Diagnosis of COPD, by Outcome

Year	Procedure	Outcome			Total
		Discharged	Transferred	Died	
2009	Non-invasive ventilation	22	5	2	29
	Unspecified ventilation support	1			1
2009 Total		23	5	2	30
2010	Invasive ventilation	1			1
	Non-invasive ventilation	12	1	12	25
	Unspecified ventilation support	1			1
2010 Total		14	1	12	27
2011	Non-invasive ventilation	19	2	10	31
	Unspecified ventilation support			1	1
2011 Total		19	2	11	32
2012	Invasive ventilation	1			1
	Non-invasive ventilation	14		6	20
2012 Total		15		6	21
2013	Non-invasive ventilation	31	1	7	39
	Unspecified ventilation support			1	1
2013 Total		31	1	8	40
2014	Invasive ventilation	1			1
	Non-invasive ventilation	20	1	13	34
2014 Total		21	1	13	35
2015	Invasive ventilation	1			1
	Non-invasive ventilation	23	1	12	36
2015 Total		24	1	12	37
2016	Invasive ventilation			1	1
	Non-invasive ventilation	29		11	40
	Unspecified ventilation support			1	1
2016 Total		29		13	42
2017	Invasive ventilation	1			1
	Non-invasive ventilation	46		10	56
2017 Total		47		10	57
2018	Invasive ventilation			2	2
	Non-invasive ventilation	36	3	8	47
2018 Total		36	3	10	49
2019	Invasive ventilation			1	1
	Non-invasive ventilation	17	4	6	27
2019 Total		17	4	7	28
Total		276	18	104	398

Hospital Discharges with a Primary Diagnosis of COPD, by Outcome

Year	Outcome			Grand Total
	Discharged	Transferred	Died	
2009	1616	138	85	1839
2010	1514	114	94	1722
2011	1423	104	98	1625
2012	1386	58	75	1519
2013	1467	70	69	1606
2014	1441	62	55	1558
2015	1557	66	72	1695
2016	1560	79	88	1727
2017	1488	55	78	1621
2018	1634	59	72	1765
2019	1583	84	73	1740
Total	16669	889	859	18417

Hospital Discharges with a Secondary Diagnosis of COPD, by Outcome

Year	Outcome			Grand Total
	Discharged	Transferred	Died	
2009	2976	393	425	3794
2010	3601	504	420	4525
2011	4362	525	416	5303
2012	4576	393	456	5425
2013	4827	415	494	5736
2014	5144	431	494	6069
2015	5397	413	537	6347
2016	5660	440	497	6597
2017	5539	475	540	6554
2018	5976	369	481	6826
2019	6470	416	507	7393
Total	54528	4774	5267	64569

Total Hospital Discharges with a Primary or Secondary Diagnosis of COPD, by Outcome

Year	Outcome			Grand Total
	Discharged	Transferred	Died	
2009	4592	531	510	5633
2010	5115	618	514	6247
2011	5785	629	514	6928
2012	5962	451	531	6944
2013	6294	485	563	7342
2014	6585	493	549	7627
2015	6954	479	609	8042
2016	7220	519	585	8324
2017	7027	530	618	8175
2018	7610	428	553	8591
2019	8053	500	580	9133
Total	71197	5663	6126	82986

Note - The primary diagnosis will be the main condition treated or investigated during the relevant episode of healthcare