

Table S1 - Chronic Conditions by Multimorbidity Status (3+ Chronic Conditions) by Age Group (Column %)

Age Group	ALL				0 to 17 years			
	Multimorbidity ^a		All	Overall Rank	Multimorbidity ^a		All	Overall Rank
	No	Yes			No	Yes		
Total N (% population)	N=11,514,013	N=2,067,178	N=13,581,191		N=2,761,417	N=5,040	N=2,766,457	
Chronic Condition								
Arthritis	434,700 (3.8%)	921,257 (44.6%)	1,355,957 (10.0%)	4	2,461 (0.1%)	264 (5.2%)	2,725 (0.1%)	10
Asthma	1,477,358 (12.8%)	568,241 (27.5%)	2,045,599 (15.1%)	3	513,889 (18.6%)	3,875 (76.9%)	517,764 (18.7%)	1
Cancer	324,338 (2.8%)	579,017 (28.0%)	903,355 (6.7%)	6	12,766 (0.5%)	1,417 (28.1%)	14,183 (0.5%)	4
Congestive heart failure	13,181 (0.1%)	224,523 (10.9%)	237,704 (1.8%)	12	0	0	0	16
COPD ^b	216,977 (1.9%)	602,014 (29.1%)	818,991 (6.0%)	7	0	0	0	17
Cardiovascular disease	131,206 (1.1%)	570,652 (27.6%)	701,858 (5.2%)	8	4,600 (0.2%)	1,102 (21.9%)	5,702 (0.2%)	8
Dementia	16,150 (0.1%)	137,665 (6.7%)	153,815 (1.1%)	15	214 (0.0%)	68 (1.3%)	282 (0.0%)	15
Diabetes	448,212 (3.9%)	821,056 (39.7%)	1,269,268 (9.3%)	5	7,278 (0.3%)	468 (9.3%)	7,746 (0.3%)	6
HIV	9,972 (0.1%)	7,212 (0.3%)	17,184 (0.1%)	17	962 (0.0%)	57 (1.1%)	1,019 (0.0%)	14
Hypertension	1,258,109 (10.9%)	1,602,543 (77.5%)	2,860,652 (21.1%)	2	5,631 (0.2%)	1,821 (36.1%)	7,452 (0.3%)	7
IBD ^b	42,922 (0.4%)	38,301 (1.9%)	81,223 (0.6%)	16	1,575 (0.1%)	185 (3.7%)	1,760 (0.1%)	13
Kidney disease, chronic	21,959 (0.2%)	173,455 (8.4%)	195,414 (1.4%)	14	1,285 (0.0%)	714 (14.2%)	1,999 (0.1%)	12
Liver disease, chronic	135,903 (1.2%)	142,571 (6.9%)	278,474 (2.1%)	11	8,611 (0.3%)	1,068 (21.2%)	9,679 (0.3%)	5
Mood disorder	2,430,479 (21.1%)	1,227,209 (59.4%)	3,657,688 (26.9%)	1	132,389 (4.8%)	3,012 (59.8%)	135,401 (4.9%)	2
Osteoporosis	118,319 (1.0%)	253,855 (12.3%)	372,174 (2.7%)	10	2,318 (0.1%)	353 (7.0%)	2,671 (0.1%)	11
Stroke/TIA ^b	30,062 (0.3%)	169,453 (8.2%)	199,515 (1.5%)	13	2,637 (0.1%)	716 (14.2%)	3,353 (0.1%)	9
Urinary incontinence	247,502 (2.1%)	349,416 (16.9%)	596,918 (4.4%)	9	20,583 (0.7%)	1,159 (23.0%)	21,742 (0.8%)	3

^aMultimorbidity defined as 3 or more chronic conditions

^b COPD-Chronic obstructive pulmonary disease; IBD-inflammatory bowel disease; TIA-Transient ischemic attack

NOTE: The top 3 rank is indicated in gray for overall and for each age group.

Table S1 - Chronic Conditions by Multimorbidity Status (3+ Chronic Conditions) by Age Group (Column %) – Continued

Age Group	18 to 24 years				25 to 29 years			
	Multimorbidity ^a			Overall Rank	Multimorbidity ^a			Overall Rank
	No	Yes	All		No	Yes	All	
Total N (% population)	N=1,240,740	N=11,508	N=1,252,248		N=890,003	N=14,438	N=904,441	
Chronic Condition								
Arthritis	5,546 (0.4%)	1,335 (11.6%)	6,881 (0.5%)	8	6,432 (0.7%)	2,016 (14.0%)	8,448 (0.9%)	8
Asthma	303,534 (24.5%)	9,616 (83.6%)	313,150 (25.0%)	1	151,652 (17.0%)	10,811 (74.9%)	162,463 (18.0%)	2
Cancer	8,173 (0.7%)	1,807 (15.7%)	9,980 (0.8%)	5	8,435 (0.9%)	2,239 (15.5%)	10,674 (1.2%)	7
Congestive heart failure	0	0	0	16	0	0	0	16
COPD ^b	0	0	0	17	0	0	0	17
Cardiovascular disease	3,066 (0.2%)	1,174 (10.2%)	4,240 (0.3%)	10	2,426 (0.3%)	1,132 (7.8%)	3,558 (0.4%)	10
Dementia	111 (0.0%)	62 (0.5%)	173 (0.0%)	15	70 (0.0%)	53 (0.4%)	123 (0.0%)	15
Diabetes	7,958 (0.6%)	1,828 (15.9%)	9,786 (0.8%)	6	8,749 (1.0%)	2,713 (18.8%)	11,462 (1.3%)	5
HIV	239 (0.0%)	90 (0.8%)	329 (0.0%)	14	495 (0.1%)	182 (1.3%)	677 (0.1%)	14
Hypertension	9,283 (0.7%)	2,836 (24.6%)	12,119 (1.0%)	4	14,664 (1.6%)	4,203 (29.1%)	18,867 (2.1%)	4
IBD ^b	3,448 (0.3%)	802 (7.0%)	4,250 (0.3%)	9	3,774 (0.4%)	1,037 (7.2%)	4,811 (0.5%)	9
Kidney disease, chronic	1,133 (0.1%)	874 (7.6%)	2,007 (0.2%)	11	1,099 (0.1%)	952 (6.6%)	2,051 (0.2%)	11
Liver disease, chronic	7,443 (0.6%)	1,637 (14.2%)	9,080 (0.7%)	7	9,307 (1.0%)	2,102 (14.6%)	11,409 (1.3%)	6
Mood disorder	270,287 (21.8%)	10,256 (89.1%)	280,543 (22.4%)	2	243,477 (27.4%)	13,156 (91.1%)	256,633 (28.4%)	1
Osteoporosis	1,403 (0.1%)	473 (4.1%)	1,876 (0.1%)	12	886 (0.1%)	470 (3.3%)	1,356 (0.1%)	13
Stroke/TIA ^b	1,088 (0.1%)	602 (5.2%)	1,690 (0.1%)	13	1,007 (0.1%)	534 (3.7%)	1,541 (0.2%)	12
Urinary incontinence	13,555 (1.1%)	2,992 (26.0%)	16,547 (1.3%)	3	17,415 (2.0%)	4,377 (30.3%)	21,792 (2.4%)	3

^aMultimorbidity defined as 3 or more chronic conditions

^b COPD-Chronic obstructive pulmonary disease; IBD-inflammatory bowel disease; TIA-Transient ischemic attack

NOTE: The top 3 rank is indicated in gray for overall and for each age group.

Table S1 - Chronic Conditions by Multimorbidity Status (3+ Chronic Conditions) by Age Group (Column %) – Continued

Age Group	30 to 34 years				35 to 39 years			
	Multimorbidity ^a			Overall Rank	Multimorbidity ^a			Overall Rank
	No	Yes	All		No	Yes	All	
Total N (% population)	N=875,647	N=21,481	N=897,128		N=857,366	N=35,846	N=893,212	
Chronic Condition								
Arthritis	9,990 (1.1%)	3,723 (17.3%)	13,713 (1.5%)	8	15,814 (1.8%)	7,405 (20.7%)	23,219 (2.6%)	6
Asthma	108,071 (12.3%)	14,123 (65.7%)	122,194 (13.6%)	2	87,401 (10.2%)	20,639 (57.6%)	108,040 (12.1%)	2
Cancer	11,678 (1.3%)	3,206 (14.9%)	14,884 (1.7%)	7	14,921 (1.7%)	4,979 (13.9%)	19,900 (2.2%)	8
Congestive heart failure	0	0	0	16	0	0	0	17
COPD ^b	0	0	0	17	6,837 (0.8%)	3,654 (10.2%)	10,491 (1.2%)	9
Cardiovascular disease	3,232 (0.4%)	1,849 (8.6%)	5,081 (0.6%)	10	4,475 (0.5%)	3,337 (9.3%)	7,812 (0.9%)	10
Dementia	93 (0.0%)	98 (0.5%)	191 (0.0%)	15	122 (0.0%)	120 (0.3%)	242 (0.0%)	16
Diabetes	14,468 (1.7%)	5,348 (24.9%)	19,816 (2.2%)	5	23,047 (2.7%)	10,546 (29.4%)	33,593 (3.8%)	4
HIV	898 (0.1%)	297 (1.4%)	1,195 (0.1%)	14	1,178 (0.1%)	486 (1.4%)	1,664 (0.2%)	15
Hypertension	26,681 (3.0%)	8,138 (37.9%)	34,819 (3.9%)	3	45,433 (5.3%)	16,105 (44.9%)	61,538 (6.9%)	3
IBD ^b	4,571 (0.5%)	1,354 (6.3%)	5,925 (0.7%)	9	5,186 (0.6%)	1,863 (5.2%)	7,049 (0.8%)	11
Kidney disease, chronic	1,301 (0.1%)	1,319 (6.1%)	2,620 (0.3%)	11	1,597 (0.2%)	2,103 (5.9%)	3,700 (0.4%)	12
Liver disease, chronic	12,736 (1.5%)	3,185 (14.8%)	15,921 (1.8%)	6	15,822 (1.8%)	4,966 (13.9%)	20,788 (2.3%)	7
Mood disorder	256,588 (29.3%)	19,459 (90.6%)	276,047 (30.8%)	1	264,941 (30.9%)	31,637 (88.3%)	296,578 (33.2%)	1
Osteoporosis	972 (0.1%)	611 (2.8%)	1,583 (0.2%)	13	1,300 (0.2%)	860 (2.4%)	2,160 (0.2%)	14
Stroke/TIA ^b	1,042 (0.1%)	699 (3.3%)	1,741 (0.2%)	12	1,246 (0.1%)	1,061 (3.0%)	2,307 (0.3%)	13
Urinary incontinence	21,231 (2.4%)	6,100 (28.4%)	27,331 (3.0%)	4	23,491 (2.7%)	8,765 (24.5%)	32,256 (3.6%)	5

^aMultimorbidity defined as 3 or more chronic conditions

^b COPD-Chronic obstructive pulmonary disease; IBD-inflammatory bowel disease; TIA-Transient ischemic attack

NOTE: The top 3 rank is indicated in gray for overall and for each age group.

Table S1 - Chronic Conditions by Multimorbidity Status (3+ Chronic Conditions) by Age Group (Column %) – Continued

Age Group	40 to 44 years				45 to 49 years			
	Multimorbidity ^a		All	Overall Rank	Multimorbidity ^a		All	Overall Rank
	No	Yes			No	Yes		
Total N (% population)	N=896,643	N=62,278	N=958,921		N=931,182	N=108,136	N=1,039,318	
Chronic Condition								
Arthritis	26,181 (2.9%)	15,268 (24.5%)	41,449 (4.3%)	5	41,948 (4.5%)	32,103 (29.7%)	74,051 (7.1%)	5
Asthma	77,772 (8.7%)	30,264 (48.6%)	108,036 (11.3%)	3	73,531 (7.9%)	45,957 (42.5%)	119,488 (11.5%)	3
Cancer	20,132 (2.2%)	8,818 (14.2%)	28,950 (3.0%)	8	28,724 (3.1%)	16,451 (15.2%)	45,175 (4.3%)	8
Congestive heart failure	365 (0.0%)	1,136 (1.8%)	1,501 (0.2%)	16	842 (0.1%)	3,269 (3.0%)	4,111 (0.4%)	15
COPD ^b	17,916 (2.0%)	11,884 (19.1%)	29,800 (3.1%)	7	29,162 (3.1%)	26,390 (24.4%)	55,552 (5.3%)	6
Cardiovascular disease	7,012 (0.8%)	7,063 (11.3%)	14,075 (1.5%)	10	11,120 (1.2%)	15,345 (14.2%)	26,465 (2.5%)	10
Dementia	161 (0.0%)	227 (0.4%)	388 (0.0%)	17	235 (0.0%)	495 (0.5%)	730 (0.1%)	17
Diabetes	35,683 (4.0%)	20,445 (32.8%)	56,128 (5.9%)	4	49,895 (5.4%)	37,731 (34.9%)	87,626 (8.4%)	4
HIV	1,578 (0.2%)	764 (1.2%)	2,342 (0.2%)	15	1,893 (0.2%)	1,378 (1.3%)	3,271 (0.3%)	16
Hypertension	78,370 (8.7%)	32,388 (52.0%)	110,758 (11.6%)	2	123,101 (13.2%)	63,197 (58.4%)	186,298 (17.9%)	2
IBD ^b	5,645 (0.6%)	2,592 (4.2%)	8,237 (0.9%)	11	5,604 (0.6%)	3,549 (3.3%)	9,153 (0.9%)	11
Kidney disease, chronic	1,983 (0.2%)	3,264 (5.2%)	5,247 (0.5%)	12	2,147 (0.2%)	5,273 (4.9%)	7,420 (0.7%)	12
Liver disease, chronic	18,008 (2.0%)	7,817 (12.6%)	25,825 (2.7%)	9	18,269 (2.0%)	12,734 (11.8%)	31,003 (3.0%)	9
Mood disorder	278,513 (31.1%)	52,631 (84.5%)	331,144 (34.5%)	1	281,649 (30.2%)	87,142 (80.6%)	368,791 (35.5%)	1
Osteoporosis	1,892 (0.2%)	1,518 (2.4%)	3,410 (0.4%)	14	3,476 (0.4%)	3,205 (3.0%)	6,681 (0.6%)	13
Stroke/TIA ^b	1,695 (0.2%)	1,967 (3.2%)	3,662 (0.4%)	13	2,420 (0.3%)	4,078 (3.8%)	6,498 (0.6%)	14
Urinary incontinence	27,039 (3.0%)	13,456 (21.6%)	40,495 (4.2%)	6	29,469 (3.2%)	21,108 (19.5%)	50,577 (4.9%)	7

^aMultimorbidity defined as 3 or more chronic conditions

^b COPD-Chronic obstructive pulmonary disease; IBD-inflammatory bowel disease; TIA-Transient ischemic attack

NOTE: The top 3 rank is indicated in gray for overall and for each age group.

Table S1 - Chronic Conditions by Multimorbidity Status (3+ Chronic Conditions) by Age Group (Column %) – Continued

Age Group	50 to 54 years				55 to 59 years			
	Multimorbidity ^a			Overall Rank	Multimorbidity ^a			Overall Rank
	No	Yes	All		No	Yes	All	
Total N (% population)	N=903,786	N=170,272	N=1,074,058		N=719,208	N=220,251	N=939,459	
Chronic Condition								
Arthritis	60,089 (6.6%)	60,152 (35.3%)	120,241 (11.2%)	5	67,706 (9.4%)	89,356 (40.6%)	157,062 (16.7%)	3
Asthma	63,727 (7.1%)	62,440 (36.7%)	126,167 (11.7%)	3	41,351 (5.7%)	67,938 (30.8%)	109,289 (11.6%)	5
Cancer	39,271 (4.3%)	30,233 (17.8%)	69,504 (6.5%)	7	41,498 (5.8%)	45,318 (20.6%)	86,816 (9.2%)	7
Congestive heart failure	1,425 (0.2%)	6,904 (4.1%)	8,329 (0.8%)	15	1,733 (0.2%)	11,711 (5.3%)	13,444 (1.4%)	13
COPD ^b	39,578 (4.4%)	48,505 (28.5%)	88,083 (8.2%)	6	38,592 (5.4%)	65,973 (30.0%)	104,565 (11.1%)	6
Cardiovascular disease	15,875 (1.8%)	29,262 (17.2%)	45,137 (4.2%)	9	17,910 (2.5%)	44,392 (20.2%)	62,302 (6.6%)	8
Dementia	404 (0.0%)	975 (0.6%)	1,379 (0.1%)	17	536 (0.1%)	1,667 (0.8%)	2,203 (0.2%)	16
Diabetes	61,570 (6.8%)	62,320 (36.6%)	123,890 (11.5%)	4	62,578 (8.7%)	86,180 (39.1%)	148,758 (15.8%)	4
HIV	1,434 (0.2%)	1,399 (0.8%)	2,833 (0.3%)	16	704 (0.1%)	1,029 (0.5%)	1,733 (0.2%)	17
Hypertension	166,937 (18.5%)	109,198 (64.1%)	276,135 (25.7%)	2	179,027 (24.9%)	154,871 (70.3%)	333,898 (35.5%)	2
IBD ^b	5,006 (0.6%)	4,474 (2.6%)	9,480 (0.9%)	14	3,551 (0.5%)	4,739 (2.2%)	8,290 (0.9%)	15
Kidney disease, chronic	2,252 (0.2%)	8,025 (4.7%)	10,277 (1.0%)	13	2,009 (0.3%)	10,857 (4.9%)	12,866 (1.4%)	14
Liver disease, chronic	17,062 (1.9%)	18,034 (10.6%)	35,096 (3.3%)	10	13,107 (1.8%)	21,531 (9.8%)	34,638 (3.7%)	11
Mood disorder	259,020 (28.7%)	128,876 (75.7%)	387,896 (36.1%)	1	188,387 (26.2%)	153,735 (69.8%)	342,122 (36.4%)	1
Osteoporosis	8,334 (0.9%)	7,879 (4.6%)	16,213 (1.5%)	11	17,885 (2.5%)	18,049 (8.2%)	35,934 (3.8%)	10
Stroke/TIA ^b	3,108 (0.3%)	7,185 (4.2%)	10,293 (1.0%)	12	3,229 (0.4%)	10,809 (4.9%)	14,038 (1.5%)	12
Urinary incontinence	28,516 (3.2%)	29,442 (17.3%)	57,958 (5.4%)	8	22,005 (3.1%)	34,354 (15.6%)	56,359 (6.0%)	9

^aMultimorbidity defined as 3 or more chronic conditions

^b COPD-Chronic obstructive pulmonary disease; IBD-inflammatory bowel disease; TIA-Transient ischemic attack

NOTE: The top 3 rank is indicated in gray for overall and for each age group.

Table S1 - Chronic Conditions by Multimorbidity Status (3+ Chronic Conditions) by Age Group (Column %) – Continued

Age Group	60 to 64 years				65 to 69 years			
	Multimorbidity ^a		All	Overall Rank	Multimorbidity ^a		All	Overall Rank
	No	Yes			No	Yes		
Total N (% population)	N=535,150	N=256,004	N=791,154		N=383,110	N=275,290	N=658,400	
Chronic Condition								
Arthritis	62,346 (11.7%)	112,934 (44.1%)	175,280 (22.2%)	3	51,831 (13.5%)	128,561 (46.7%)	180,392 (27.4%)	3
Asthma	26,021 (4.9%)	67,799 (26.5%)	93,820 (11.9%)	7	15,642 (4.1%)	64,770 (23.5%)	80,412 (12.2%)	8
Cancer	39,917 (7.5%)	62,853 (24.6%)	102,770 (13.0%)	6	37,349 (9.7%)	81,512 (29.6%)	118,861 (18.1%)	5
Congestive heart failure	1,867 (0.3%)	17,749 (6.9%)	19,616 (2.5%)	12	1,780 (0.5%)	24,158 (8.8%)	25,938 (3.9%)	11
COPD ^b	30,142 (5.6%)	74,913 (29.3%)	105,055 (13.3%)	5	22,505 (5.9%)	81,998 (29.8%)	104,503 (15.9%)	6
Cardiovascular disease	17,592 (3.3%)	61,332 (24.0%)	78,924 (10.0%)	8	16,121 (4.2%)	76,708 (27.9%)	92,829 (14.1%)	7
Dementia	586 (0.1%)	2,836 (1.1%)	3,422 (0.4%)	16	1,062 (0.3%)	5,934 (2.2%)	6,996 (1.1%)	15
Diabetes	57,895 (10.8%)	107,766 (42.1%)	165,661 (20.9%)	4	48,725 (12.7%)	120,888 (43.9%)	169,613 (25.8%)	4
HIV	344 (0.1%)	666 (0.3%)	1,010 (0.1%)	17	167 (0.0%)	414 (0.2%)	581 (0.1%)	17
Hypertension	173,094 (32.3%)	195,503 (76.4%)	368,597 (46.6%)	1	155,156 (40.5%)	224,782 (81.7%)	379,938 (57.7%)	1
IBD ^b	2,166 (0.4%)	4,540 (1.8%)	6,706 (0.8%)	15	1,269 (0.3%)	4,252 (1.5%)	5,521 (0.8%)	16
Kidney disease, chronic	1,802 (0.3%)	15,097 (5.9%)	16,899 (2.1%)	14	1,575 (0.4%)	19,805 (7.2%)	21,380 (3.2%)	13
Liver disease, chronic	7,957 (1.5%)	19,778 (7.7%)	27,735 (3.5%)	11	4,018 (1.0%)	15,980 (5.8%)	19,998 (3.0%)	14
Mood disorder	120,874 (22.6%)	161,369 (63.0%)	282,243 (35.7%)	2	69,412 (18.1%)	153,019 (55.6%)	222,431 (33.8%)	2
Osteoporosis	23,854 (4.5%)	29,283 (11.4%)	53,137 (6.7%)	10	21,321 (5.6%)	36,150 (13.1%)	57,471 (8.7%)	9
Stroke/TIA ^b	3,053 (0.6%)	14,508 (5.7%)	17,561 (2.2%)	13	2,816 (0.7%)	18,652 (6.8%)	21,468 (3.3%)	12
Urinary incontinence	16,287 (3.0%)	38,751 (15.1%)	55,038 (7.0%)	9	12,071 (3.2%)	42,575 (15.5%)	54,646 (8.3%)	10

^aMultimorbidity defined as 3 or more chronic conditions

^b COPD-Chronic obstructive pulmonary disease; IBD-inflammatory bowel disease; TIA-Transient ischemic attack

NOTE: The top 3 rank is indicated in gray for overall and for each age group.

Table S1 - Chronic Conditions by Multimorbidity Status (3+ Chronic Conditions) by Age Group (Column %) – Continued

Age Group	70 to74 years				75 to 79 years			
	Multimorbidity ^a			Overall Rank	Multimorbidity ^a			Overall Rank
	No	Yes	All		No	Yes	All	
Total N (% population)	N=230,704	N=248,530	N=479,234		N=140,973	N=228,005	N=368,978	
Chronic Condition								
Arthritis	34,566 (15.0%)	122,099 (49.1%)	156,665 (32.7%)	2	23,405 (16.6%)	118,558 (52.0%)	141,963 (38.5%)	2
Asthma	7,571 (3.3%)	53,107 (21.4%)	60,678 (12.7%)	8	3,908 (2.8%)	44,489 (19.5%)	48,397 (13.1%)	8
Cancer	26,317 (11.4%)	84,217 (33.9%)	110,534 (23.1%)	5	17,267 (12.2%)	82,871 (36.3%)	100,138 (27.1%)	5
Congestive heart failure	1,433 (0.6%)	28,160 (11.3%)	29,593 (6.2%)	11	1,180 (0.8%)	33,603 (14.7%)	34,783 (9.4%)	11
COPD ^b	14,186 (6.1%)	77,468 (31.2%)	91,654 (19.1%)	6	8,942 (6.3%)	73,122 (32.1%)	82,064 (22.2%)	7
Cardiovascular disease	11,349 (4.9%)	79,391 (31.9%)	90,740 (18.9%)	7	7,752 (5.5%)	81,612 (35.8%)	89,364 (24.2%)	6
Dementia	1,528 (0.7%)	11,064 (4.5%)	12,592 (2.6%)	15	2,246 (1.6%)	20,110 (8.8%)	22,356 (6.1%)	14
Diabetes	32,153 (13.9%)	110,736 (44.6%)	142,889 (29.8%)	4	20,153 (14.3%)	100,251 (44.0%)	120,404 (32.6%)	4
HIV	54 (0.0%)	222 (0.1%)	276 (0.1%)	17	19 (0.0%)	106 (0.0%)	125 (0.0%)	17
Hypertension	111,481 (48.3%)	212,994 (85.7%)	324,475 (67.7%)	1	77,260 (54.8%)	202,242 (88.7%)	279,502 (75.8%)	1
IBD ^b	634 (0.3%)	3,049 (1.2%)	3,683 (0.8%)	16	290 (0.2%)	2,461 (1.1%)	2,751 (0.7%)	16
Kidney disease, chronic	1,240 (0.5%)	22,103 (8.9%)	23,343 (4.9%)	12	1,059 (0.8%)	25,540 (11.2%)	26,599 (7.2%)	12
Liver disease, chronic	1,959 (0.8%)	12,342 (5.0%)	14,301 (3.0%)	14	964 (0.7%)	9,459 (4.1%)	10,423 (2.8%)	15
Mood disorder	32,783 (14.2%)	121,939 (49.1%)	154,722 (32.3%)	3	16,781 (11.9%)	104,303 (45.7%)	121,084 (32.8%)	3
Osteoporosis	14,973 (6.5%)	37,682 (15.2%)	52,655 (11.0%)	9	9,776 (6.9%)	38,565 (16.9%)	48,341 (13.1%)	9
Stroke/TIA ^b	2,223 (1.0%)	20,831 (8.4%)	23,054 (4.8%)	13	1,768 (1.3%)	24,140 (10.6%)	25,908 (7.0%)	13
Urinary incontinence	7,319 (3.2%)	40,619 (16.3%)	47,938 (10.0%)	10	4,529 (3.2%)	38,858 (17.0%)	43,387 (11.8%)	10

^aMultimorbidity defined as 3 or more chronic conditions

^b COPD-Chronic obstructive pulmonary disease; IBD-inflammatory bowel disease; TIA-Transient ischemic attack

NOTE: The top 3 rank is indicated in gray for overall and for each age group.

Table S1 - Chronic Conditions by Multimorbidity Status (3+ Chronic Conditions) by Age Group (Column %) – Continued

Age Group	80+ years			Overall Rank
	Multimorbidity ^a		All	
	No	Yes	All	
Total N (% population)	N=148,084	N=410,099	N=558,183	
Chronic Condition				
Arthritis	26,385 (17.8%)	227,483 (55.5%)	253,868 (45.5%)	2
Asthma	3,288 (2.2%)	72,413 (17.7%)	75,701 (13.6%)	11
Cancer	17,890 (12.1%)	153,096 (37.3%)	170,986 (30.6%)	6
Congestive heart failure	2,556 (1.7%)	97,833 (23.9%)	100,389 (18.0%)	9
COPD ^b	9,117 (6.2%)	138,107 (33.7%)	147,224 (26.4%)	7
Cardiovascular disease	8,676 (5.9%)	166,953 (40.7%)	175,629 (31.5%)	4
Dementia	8,782 (5.9%)	93,956 (22.9%)	102,738 (18.4%)	8
Diabetes	18,060 (12.2%)	153,836 (37.5%)	171,896 (30.8%)	5
HIV	7 (0.0%)	122 (0.0%)	129 (0.0%)	17
Hypertension	91,991 (62.1%)	374,265 (91.3%)	466,256 (83.5%)	1
IBD ^b	203 (0.1%)	3,404 (0.8%)	3,607 (0.6%)	16
Kidney disease, chronic	1,477 (1.0%)	57,529 (14.0%)	59,006 (10.6%)	14
Liver disease, chronic	640 (0.4%)	11,938 (2.9%)	12,578 (2.3%)	15
Mood disorder	15,378 (10.4%)	186,675 (45.5%)	202,053 (36.2%)	3
Osteoporosis	9,929 (6.7%)	78,757 (19.2%)	88,686 (15.9%)	10
Stroke/TIA ^b	2,730 (1.8%)	63,671 (15.5%)	66,401 (11.9%)	13
Urinary incontinence	3,992 (2.7%)	66,860 (16.3%)	70,852 (12.7%)	12

^aMultimorbidity defined as 3 or more chronic conditions

^b COPD-Chronic obstructive pulmonary disease; IBD-inflammatory bowel disease; TIA-Transient ischemic attack

NOTE: The top 3 rank is indicated in gray for overall and for each age group.