

## Supplemental Digital Appendix 1

### Rankings of Number of Views by Income Level for the 50 Most-Viewed Topics in January 2017, From a Study of Medical Education YouTube Videos and Viewing Patterns

Video topic	Views	Rankings: All	HIC	UMIC	LMIC	LIC
Congestive Heart Failure	19,350	1	2	7	4	4
Epilepsy	17,976	2	3	5	5	5
Tuberculosis	17,773	3	18	3	1	1
Viral hepatitis (A, B, C, D, E)	17,634	4	6	2	3	2
Schizophrenia	17,591	5	1	15	16	12
Diabetes (Types 1 and 2)	17,151	6	5	9	6	9
Systemic Lupus Erythematosus	16,054	7	7	8	9	24
Cirrhosis	15,878	8	12	12	7	17
Endocarditis	15,620	9	9	1	18	11
Type I Hypersensitivity	15,578	10	11	6	13	7
Pneumonia	15,561	11	14	4	8	6
Jaundice	15,098	12	20	10	2	3
Parkinson's Disease	15,070	13	8	20	12	21
Asthma	14,176	14	17	11	11	8
Shock	13,669	15	16	13	17	14
Acute Myocardial Infarction	13,541	16	21	14	10	25
Depression	12,604	17	4	24	48	45
Alzheimer's Disease	12,288	18	13	31	30	35
Appendicitis	12,115	19	27	33	14	10
HIV	12,101	20	25	30	19	16
Anxiety	11,397	21	10	42	47	43
Cystic Fibrosis	11,229	22	15	40	38	46
Preeclampsia and eclampsia	11,195	23	32	16	24	18
Acute Leukemia	11,089	24	33	29	21	15

Video topic	Views	Rankings: All	HIC	UMIC	LMIC	LIC
Down Syndrome	10,928	25	28	45	22	20
Type II Hypersensitivity	10,872	26	30	17	31	26
Rheumatic Fever	10,,797	27	44	19	15	13
Cerebral Palsy	10,593	28	34	41	20	27
Sickle Cell Disease	10,334	29	26	47	29	22
Angina Pectoris	10,288	30	36	21	25	33
Crohn's Disease	10,183	31	24	38	36	47
Tetralogy of Fallot	10,117	32	39	18	26	28
Chronic Bronchitis	9,997	33	35	25	28	19
Bipolar Disorder	9,984	34	19	43	44	34
Pre-renal Acute Kidney Injury	9,749	35	22	27	46	37
Atrial Fibrillation	9,617	36	31	34	41	41
Mitral Valve Disease	9,527	37	41	23	27	42
Hypertension	9,477	38	46	26	23	23
Acute Pancreatitis	9,278	39	37	36	33	29
Type III Hypersensitivity	8,585	40	40	32	39	31
Type IV Hypersensitivity	8,553	41	38	35	42	36
Celiac Disease	8,518	42	29	49	49	48
Emphysema	8,454	43	45	37	35	30
Vasculitis	8,376	44	42	22	45	44
Autism Spectrum Disorders	8,206	45	23	50	50	50
Glaucoma	8,005	46	50	39	32	40
Coarctation of Aorta	7,859	47	47	28	43	39
Aneurysms	7,827	48	43	46	40	49
Myasthenia Gravis	7,762	49	48	44	37	38
Gallstones	7,708	50	49	48	34	32

Note: Rank is indicated in shades, where the darkest green indicates highest rank and lightest green indicates lowest rank.