

eTable 3: Total cost or total healthcare cost comparison across disease groups



Disease State	Min adj cost per annum per person	Max adj cost per annum per person	Median adj cost per annum per person	Mean adj cost per annum per person	No. adj studies	Min unadj cost per annum per person	Max unadj cost per annum per person	Median unadj cost per annum per person	Mean unadj cost per annum per person	No. unadj studies	Total studies ¹
Cardiovascular Disease	3347	19472	8080	9204	6	1433	8377.05	5951	4701	7	12
Mental Health	3253	19363	11262	11052	6	2512	25920	17211	16486	7	14
Diabetes Mellitus	2741	9819	6907	6310	7	1142	7950	5534	4934	8	11
Osteoporosis	949	44190	41402	32866	4	669	43404	9921	18190	10	11
Respiratory Disease	5701	7124	6689	6505	1	804	36259	11546	16124	5	6
Gastrointestinal Disease	12085	37151	20715	23317	3					2	5
Epilepsy					0	1866	22673	18714	14418	3	3
HIV/AIDS					0	16957	30523	23880	24322	3	3
Parkinson's Disease				10290*	1	10988	52023	36753	34129	3	3
Musculoskeletal conditions				25368*	2				3408.32*	2	3
Cancer					0	48598	162699	93627	99638	2	2
Addiction				53504*	1	16996	52213	29406	32872	3	3
Metabolic conditions other than diabetes mellitus					0				138525*	1	1
Blood conditions				13458*	1					0	1
All causes	5271	52341	17132	21257	14	1037	53793	16308	19352	10	30**

Costs reported in \$US2015 dollars

¹Some studies included both adjusted and unadjusted costs

*Single total cost/total healthcare cost reported

** In addition to disease-specific studies of the economic impact of medication nonadherence, studies reported the all-causes costs, encompassing cost drivers such as comorbidities. Alvarez Payero et al reported all cause costs only.

 Do not report total cost/total healthcare cost
 Single total cost/total healthcare cost reported