

**MA & PDP CAHPS
Variables Used as Case-Mix Adjustors 1998-2024**

Case-Mix Variables	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 ^b	2021	2022	2023	2024	
Age	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	N/A	X	X	X	X	
Education	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	N/A	X	X	X	X
Health Status	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	N/A	X	X	X	X
Mental Health Status					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	N/A	X	X	X	X
Received Help Responding	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	N/A	X	X	X	X
Proxy Answered Questions for Respondent	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	N/A	X	X	X	X
Medicaid								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	N/A	X	X	X	X
Region x Age	X	X	X	X	X	X	X	X	X																			
Region x Health Status	X	X	X	X	X	X	X	X	X																			
Low Income Subsidy										X	X	X	X	X	X	X	X	X	X	X	X	X	X	N/A	X	X	X	X
Chinese Language																X	X	X	X	X	X							
Asian Language ^a																						X	N/A	X	X	X	X	X

^a 2019 Asian languages were Chinese and Vietnamese; 2021, 2022, 2023, and 2024 Asian languages were Chinese, Korean, Tagalog, and Vietnamese; Asian language is a case-mix adjustor for MA and MA-PD but not for PDP

^b N/A indicates no CAHPS survey administration