

Table S5. Per capita OOP expenditure for ophthalmics of MEPS participants 18 years of age or older using any ophthalmic medication by population characteristics from 2007-2016 (adjusted for inflation to 2016 GDP Price Index).

	2007-2008	2009-2010	2011-2012	2013-2014	2015-2016	Slope	P-value [†]
Per capita OOP expenditure in \$ (SE)							
Gender							
Female	133.34 (10.40)	129.74 (10.34)	108.29 (13.53)	86.88 (7.51)	88.67 (9.87)	-13.16	<0.001
Male	134.06 (13.78)	121.58 (14.23)	103.90 (8.64)	96.05 (15.77)	108.46 (12.42)	-7.36	0.13
Age category							
18-39	52.17 (8.64)	39.84 (5.27)	37.64 (5.25)	34.83 (4.69)	35.84 (7.95)	-3.89	0.13
40-64	107.28 (8.90)	110.41 (15.01)	80.85 (7.65)	83.17 (10.85)	87.27 (15.08)	-6.65	0.12
65 and over	182.06 (14.87)	163.48 (11.68)	147.39 (17.57)	108.94 (12.87)	117.32 (10.38)	-18.20	<0.001
Race/ethnicity							
Non-Hispanic White	136.95 (10.44)	134.57 (9.95)	114.92 (10.73)	101.59 (10.18)	103.90 (10.09)	-9.85	0.006
Non-Hispanic Black	135.02 (18.27)	112.14 (10.92)	103.01 (12.49)	70.72 (8.97)	89.98 (13.18)	12.84	0.005
Non-Hispanic Asian	129.14 (35.68)	61.48 (12.87)	104.17 (19.81)	74.17 (14.33)	59.21 (15.86)	-13.33	0.10
Hispanic	96.27 (18.07)	79.69 (13.77)	54.62 (7.73)	53.21 (7.56)	73.07 (15.96)	-6.04	0.27
Other	172.72 (59.87)	227.67 (100.78)	50.92 (15.41)	58.63 (17.43)	93.31 (31.48)	-28.34	0.09
Insurance status							
Uninsured	89.26 (16.96)	72.48 (15.72)	64.39 (13.6)	136.11 (40.62)	101.58 (23.68)	9.39	0.25
Private	90.73 (8.39)	91.76 (13.87)	74.30 (6.87)	74.59 (9.62)	85.43 (14.89)	-2.70	0.50
Medicaid	22.47 (5.37)	88.08 (48.83)	21.58 (6.58)	12.61 (3.12)	14.14 (4.28)	-10.36	0.09
Medicare	178.95 (14.33)	159.84 (11.09)	142.71 (16.70)	104.44 (11.47)	110.88 (9.57)	-18.95	<0.001
Other (public/private)	173.48 (65.94)	109.98 (33.72)	28.32 (11.85)	16.84 (9.93)	39.36 (13.58)	-32.27	0.009
Family income level							
<100% FPL	67.12 (10.99)	88.75 (13.35)	80.34 (15.87)	59.34 (12.03)	45.59 (7.58)	-7.69	0.01
100-124% FPL	130.71 (28.20)	121.33 (26.28)	111.53 (29.44)	45.00 (7.91)	48.28 (9.88)	-24.90	<0.001
125%-199% FPL	163.11 (27.98)	135.14 (18.31)	160.06 (48.55)	86.28 (16.30)	93.53 (15.52)	-19.26	0.09
200-399% FPL	147.41 (14.34)	138.53 (14.87)	85.60 (8.77)	78.89 (8.22)	77.41 (7.09)	-20.02	<0.001
>400% FPL	130.74 (12.80)	123.17 (14.23)	108.27 (8.03)	114.37 (16.29)	122.25 (15.56)	-2.24	0.67
Region							
Northeast	185.83 (27.43)	158.45 (27.85)	160.62 (38.00)	115.19 (28.67)	132.80 (30.74)	-14.91	0.13
Midwest	128.34 (15.81)	122.79 (12.54)	95.72 (12.88)	90.91 (13.33)	99.04 (14.73)	8.86	0.11
South	122.26 (9.54)	115.25 (11.40)	88.70 (7.73)	75.12 (8.15)	92.31 (7.67)	-9.55	0.002
West	112.57 (16.24)	116.57 (14.79)	98.10 (9.89)	88.78 (9.10)	68.94 (7.15)	-11.64	0.003
Visually impaired							
No	119.11 (8.26)	120.40 (8.92)	102.33 (9.98)	82.12 (5.67)	90.93 (7.72)	-9.35	0.001
Yes	210.12 (27.03)	155.66 (18.88)	129.08 (14.41)	151.95 (50.23)	141.64 (33.50)	-14.33	0.26

[†] Significance denotes association between per capita OOP expenditure and year effect by linear regression, significant p-values are bolded
Abbreviations: MEPS, Medical Expenditure Panel Survey; GDP, Gross Domestic Product; SE, standard error; FPL, federal poverty line; OOP, out-of-pocket