

APPENDIX A. LIST OF MEASURES AND SUMMARY OF RESULTS FOR FIGURES

A.1. Access to Care

Measures Included in Figure 11: Number and percentage of access measures for which measures were improving, not changing, or worsening, 2000 through 2016 or 2017

Improving	Average Annual Percent Change	Standard Error	P Value	Data Source	Number of Years
Children who had any appointments for routine healthcare in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	-3.82	0.0	0.00	MEPS	15 (2002-2016)
People in fair or poor health with a specific source of ongoing care	-3.22	0.0	0.01	NHIS	9 (2009-2017)
People with a specific source of ongoing care	-2.91	0.0	0.00	NHIS	9 (2009-2017)
People under age 65 with health insurance	-2.29	0.0	0.00	NHIS	18 (2000-2017)
Adults who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	-2.19	0.0	0.01	MEPS	9 (2008-2016)
People under age 65 who were uninsured all year	-2.05	0.0	0.04	MEPS	15 (2002-2016)
People with a usual source of care who is somewhat to very difficult to contact during regular business hours over the telephone	-1.89	0.0	0.00	MEPS	15 (2002-2016)
Adults who needed care right away for an illness, injury, or condition in the last 12 months who sometimes or never got care as soon as needed	-1.58	0.0	0.00	MEPS	15 (2002-2016)
People who were unable to get or delayed in getting needed medical care in the last 12 months	-1.36	0.0	0.00	MEPS	15 (2002-2016)
People under age 65 with any period of uninsurance during the year	-1.29	0.0	0.02	MEPS	15 (2002-2016)
Adults who had any appointments for routine healthcare in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	-1.02	0.0	0.00	MEPS	15 (2002-2016)

Not Changing	Average Annual Percent Change	Standard Error	P Value	Data Source	Number of Years
Children who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	2.23	0.0		MEPS	9 (2008-2016)
Adults who reported getting the help or advice they needed when they contacted their home health provider in the last 2 months of care	0.71	0.0		HHCAHPS	6 (2012-2017)

Appendix A: List of Measures and Summary of Results for Figures

Not Changing	Average Annual Percent Change	Standard Error	P Value	Data Source	Number of Years
Adults who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	0.39	0.0		MEPS	9 (2008-2016)
People with a usual primary care provider	0.32	0.0		MEPS	15 (2002-2016)
People with a usual source of care, excluding hospital emergency rooms, who has office hours at night or on weekends	0.21	0.0		MEPS	15 (2002-2016)
People who were unable to get or delayed in getting needed prescription medicines in the last 12 months	0.07	0.0		MEPS	15 (2002-2016)
People who were unable to get or delayed in getting needed dental care in the last 12 months	-0.62	0.0		MEPS	15 (2002-2016)

Worsening	Average Annual Percent Change	Standard Error	P Value	Data Source	Number of Years
Adults age 65 and over with any private health insurance	2.43	0.0	0.00	NHIS	18 (2000-2017)
Children who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	2.34	0.0	0.01	MEPS	9 (2008-2016)
People under age 65 with any private health insurance	1.38	0.0	0.00	NHIS	18 (2000-2017)

Measures included in Figure 22: Number and percentage of access measures for which members of selected groups experienced better, same, or worse access to care compared with reference group, 2016 or 2017

Poor Households vs. High-Income Households

Poor Households Better Than High-Income Households	Relative Difference	Z Score	Data Source	Data Year
None				

Poor Households Same as High-Income Households	Relative Difference	Z Score	Data Source	Data Year
People with a usual source of care, excluding hospital emergency rooms, who has office hours at night or on weekends	6.93	2.1	MEPS	2016

Poor Households Worse Than High-Income Households	Relative Difference	Z Score	Data Source	Data Year
People under age 65 with any private health insurance	780.00	74.0	NHIS	2017
People under age 65 with health insurance	358.97	19.23	NHIS	2017
People under age 65 who were uninsured all year	213.9	11.29	MEPS	2016
People under age 65 with any period of uninsurance during the year	188.24	16.46	MEPS	2016
People who were unable to get or delayed in getting needed dental care in the last 12 months	173.01	7.14	MEPS	2016
Adults who needed care right away for an illness, injury, or condition in the last 12 months who sometimes or never got care as soon as needed	165.79	6.4	MEPS	2016
Adults who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	138.68	6.19	MEPS	2016
People with a specific source of ongoing care	128.57	11.59	NHIS	2017
Children who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	115.06	2.43	MEPS	2016
Adults age 65 and over with any private health insurance	99.02	18.4	NHIS	2017
Adults who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	91.67	6.93	MEPS	2016
Children who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	83.45	2.94	MEPS	2016
Children who had any appointments for routine healthcare in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	82.5	2.58	MEPS	2016
People in fair or poor health with a specific source of ongoing care	76.74	2.83	NHIS	2017

Poor Households Worse Than High-Income Households	Relative Difference	Z Score	Data Source	Data Year
People who were unable to get or delayed in getting needed medical care in the last 12 months	54.41	3.71	MEPS	2016
People who were unable to get or delayed in getting needed prescription medicines in the last 12 months	46.41	3.18	MEPS	2016
People with a usual primary care provider	32.04	5.41	MEPS	2016
Adults who had any appointments for routine healthcare in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	30.83	2.95	MEPS	2016
People with a usual source of care who is somewhat to very difficult to contact during regular business hours over the telephone	26.52	2.73	MEPS	2016

Blacks vs. Whites

Measures for Blacks Better Than Whites	Relative Difference	Z Score	Data Source	Data Year
People who were unable to get or delayed in getting needed medical care in the last 12 months	-30.93	-3.87	MEPS	2016

Measures for Blacks Same as Whites	Relative Difference	Z Score	Data Source	Data Year
Children who had a doctor’s office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	59.74	1.82	MEPS	2016
People in fair or poor health with a specific source of ongoing care	19.00	1.06	NHIS	2017
People who were unable to get or delayed in getting needed dental care in the last 12 months	15.02	1.45	MEPS	2016
Children who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	14.29	0.57	MEPS	2016
People with a specific source of ongoing care	6.14	0.92	NHIS	2017
People under age 65 with health insurance	5.66	1.03	NHIS	2017
People under age 65 who were uninsured all year	5.19	0.62	MEPS	2016
Adults who reported getting the help or advice they needed when they contacted their home health provider in the last 2 months of care	2.34	18.63	HHCAHPS	2017
People with a usual source of care who is somewhat to very difficult to contact during regular business hours over the telephone	-4.26	-0.64	MEPS	2016
People with a usual source of care, excluding hospital emergency rooms, who has office hours at night or on weekends	-5.27	-1.74	MEPS	2016

Measures for Blacks Same as Whites	Relative Difference	Z Score	Data Source	Data Year
People who were unable to get or delayed in getting needed prescription medicines in the last 12 months	-15.96	-1.65	MEPS	2016

Measures for Blacks Worse Than Whites	Relative Difference	Z Score	Data Source	Data Year
Adults who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	81.15	5.27	MEPS	2016
Children who had any appointments for routine healthcare in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	69.39	2.81	MEPS	2016
Adults who needed care right away for an illness, injury, or condition in the last 12 months who sometimes or never got care as soon as needed	67.01	5.19	MEPS	2016
People under age 65 with any private health insurance	56.37	14.65	NHIS	2017
Adults who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	37.84	3.68	MEPS	
Adults who had any appointments for routine healthcare in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	35.71	4.02	MEPS	2016
Adults age 65 and over with any private health insurance	31.99	8.65	NHIS	2017
People under age 65 with any period of uninsurance during the year	22.22	3.35	MEPS	2016
People with a usual primary care provider	22.12	4.62	MEPS	2016

Asians vs. Whites

Measures for Asians Better Than Whites	Relative Difference	Z Score	Data Source	Data Year
People who were unable to get or delayed in getting needed prescription medicines in the last 12 months	-68.88	-7.44	MEPS	2016
People who were unable to get or delayed in getting needed medical care in the last 12 months	-30.23	-2.5	MEPS	2016
People under age 65 with health insurance	-30.19	-4.77	NHIS	2017
People under age 65 who were uninsured all year	-28.51	-2.31	MEPS	2016
People under age 65 with any private health insurance	-15.29	-3.23	NHIS	2017
People with a usual source of care, excluding hospital emergency rooms, who has office hours at night or on weekends	-13.71	-2.71	MEPS	2016

Measures for Asians Same as Whites	Relative Difference	Z Score	Data Source	Data Year
People with a specific source of ongoing care	10.53	1.15	NHIS	2017
Adults who reported getting the help or advice they needed when they contacted their home health provider in the last 2 months of care	1.11	2.99	HHCAHPS	2017
People with a usual source of care who is somewhat to very difficult to contact during regular business hours over the telephone	-0.71	-0.07	MEPS	2016
People under age 65 with any period of uninsurance during the year	-11.11	-1.47	MEPS	2016
People who were unable to get or delayed in getting needed dental care in the last 12 months	-17.38	-1.15	MEPS	2016
People in fair or poor health with a specific source of ongoing care	-24.00	-0.8	NHIS	2017

Measures for Asians Worse Than Whites	Relative Difference	Z Score	Data Source	Data Year
Children who had any appointments for routine healthcare in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	112.24	2.44	MEPS	2016
Adults who had any appointments for routine healthcare in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	104.76	5.61	MEPS	2016
Adults who needed care right away for an illness, injury, or condition in the last 12 months who sometimes or never got care as soon as needed	76.29	2.34	MEPS	2016
Adults who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	70.84	3.1	MEPS	2016
Adults who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	59.46	3.3	MEPS	2016
Adults age 65 and over with any private health insurance	39.03	7.76	NHIS	2017
People with a usual primary care provider	24.78	3.68	MEPS	2016

American Indians and Alaska Natives vs. Whites

Measures for American Indians and Alaska Natives Better Than Whites	Relative Difference	Z Score	Data Source	Data Year
None				

Measures for American Indians and Alaska Natives Same as Whites	Relative Difference	Z Score	Data Source	Data Year
People with a usual primary care provider	17.7	0.9	MEPS	2016

Measures for American Indians and Alaska Natives Same as Whites	Relative Difference	Z Score	Data Source	Data Year
People in fair or poor health with a specific source of ongoing care	17.0	0.34	NHIS	2017
People with a specific source of ongoing care	15.79	0.66	NHIS	2017
People with a usual source of care, excluding hospital emergency rooms, who has office hours at night or on weekends	15.29	1.07	MEPS	2016
People with a usual source of care who is somewhat to very difficult to contact during regular business hours over the telephone	12.06	0.44	MEPS	2016
Adults who reported getting the help or advice they needed when they contacted their home health provider in the last 2 months of care	-2.59	-4.2	HHCAHPS	2017

Measures for American Indians and Alaska Natives Worse Than Whites	Relative Difference	Z Score	Data Source	Data Year
People under age 65 who were uninsured all year	201.66	4.08	MEPS	2016
People under age 65 with health insurance	153.77	5.23	NHIS	2017
People under age 65 with any period of uninsurance during the year	111.64	4.86	MEPS	2016
People under age 65 with any private health insurance	100.32	9.17	NHIS	2017
Adults age 65 and over with any private health insurance	50.1	3.59	NHIS	2017

Native Hawaiians/Pacific Islanders vs. Whites

Measures for Native Hawaiians/Pacific Islanders Better Than Whites	Relative Difference	Z Score	Data Source	Data Year
None				

Measures for Native Hawaiians/Pacific Islanders Same as Whites	Relative Difference	Z Score	Data Source	Data Year
People with a specific source of ongoing care	76.32	1.52	NHIS	2017
People under age 65 with any private health insurance	43.31	1.72	NHIS	2017
People under age 65 with health insurance	5.66	0.19	NHIS	2017
Adults who reported getting the help or advice they needed when they contacted their home health provider in the last 2 months of care	1.11	1.12	HHCAHPS	2017

Measures for Native Hawaiians/Pacific Islanders Worse Than Whites	Relative Difference	Z Score	Data Source	Data Year
None				

Hispanics vs. Non-Hispanic Whites

Measures for Hispanics Better Than Non-Hispanic Whites	Relative Difference	Z Score	Data Source	Data Year
People who were unable to get or delayed in getting needed prescription medicines in the last 12 months	-53.66	-6.92	MEPS	2016
People who were unable to get or delayed in getting needed medical care in the last 12 months	-38.68	-4.69	MEPS	2016
People who were unable to get or delayed in getting needed dental care in the last 12 months	-19.22	-2.33	MEPS	2016

Measures for Hispanics Same as Non-Hispanic Whites	Relative Difference	Z Score	Data Source	Data Year
People with a usual source of care who is somewhat to very difficult to contact during regular business hours over the telephone	6.47	0.9	MEPS	2016
People with a usual source of care, excluding hospital emergency rooms, who has office hours at night or on weekends	3.9	1.24	MEPS	2016

Measures for Hispanics Worse Than Non-Hispanic Whites	Relative Difference	Z Score	Data Source	Data Year
People under age 65 who were uninsured all year	207.56	11.94	MEPS	2016
People under age 65 with health insurance	178.38	16.01	NHIS	2017
Children who had any appointments for routine healthcare in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	138.89	4.14	MEPS	2016
People under age 65 with any private health insurance	123.17	27.1	NHIS	2017
People under age 65 with any period of uninsurance during the year	104	12.45	MEPS	2016
People in fair or poor health with a specific source of ongoing care	85.88	2.89	NHIS	2017
People with a specific source of ongoing care	83.51	9.48	NHIS	2017
Adults who needed care right away for an illness, injury, or condition in the last 12 months who sometimes or never got care as soon as needed	81.4	4.23	MEPS	2016
Children who had a doctor’s office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	75.0	2.16	MEPS	2016
Adults who had a doctor’s office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	66.4	3.8	MEPS	2016
Adults age 65 and over with any private health insurance	62.55	15.65	NHIS	2017

Measures for Hispanics Worse Than Non-Hispanic Whites	Relative Difference	Z Score	Data Source	Data Year
Children who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	55.26	2.47	MEPS	2016
People with a usual primary care provider	49.51	8.86	MEPS	2016
Adults who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	36.36	3.41	MEPS	2016
Adults who had any appointments for routine healthcare in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	28.69	3.0	MEPS	2016