

**Table 1: Characteristics of 2004-2010 Medical Expenditure Panel Survey (N=6206)**

	White n=3,111		Black n=1,390	
<b>Acute Health Care Expenditures</b>		\$ (weighted)		\$ (weighted)
Inpatient Expenditures		\$3,178.68		\$2,205.62*
Inpatient Mental Health Expenditures		\$259.38		\$340.38
Inpatient Physical Health Expenditures		\$2,919.31		\$1,865.24*
ER Expenditures		\$263.17		\$294.53*
ER Mental Health Expenditures		\$12.01		\$19.11*
ER Physical Health Expenditures		\$251.16		\$275.41
<b>Appropriate Mental Health Care Expenditur</b>	unweighted n	% (weighted)	unweighted n	% (weighted)
Any Outpatient Mental Health Care	886	29.1%	215	18.4%*
Any Psychotropic Drug Use	1363	43.3%	295	22.7%*
<b>Mental Health Status</b>				
poor	280	9.6%	234	17.9%*
fair	466	16.2%	247	18.5%*
good	1033	32.5%	451	31.4%
very good	949	29.5%	348	23.3%*
excellent	383	12.4%	110	8.8%*
<b>Sociodemographics</b>				
<b>Age</b>				
18-24	252	9.6%	153	12.2%*
25-34	425	14.2%	216	18.1%*
35-44	585	19.2%	269	20.3%
45-54	708	22.6%	321	22.2%
55-64	570	17.6%	231	15.3%*
65-74	267	7.6%	111	6.2%*
75+	304	9.1%	89	5.7%*
<b>Gender</b>				
Female	1862	58.4%	927	62.2%*
<b>Marital Status</b>				
Married	1447	46.6%	376	26.6%*
<b>Poverty Status</b>				
Below Poverty Line	811	21.0%	581	40.3%*
Near Poverty	235	6.0%	135	9.7%*
Low-income	571	18.6%	281	19.2%
Middle income	885	31.0%	302	22.4%*
High income	609	23.4%	91	8.5%*
<b>Education</b>				
<HS	886	22.8%	529	34.5%*
HS Grad	1165	38.7%	534	38.8%*
Some College	629	22.3%	233	17.9%*
College Grad	431	16.2%	94	8.8%*
<b>Health Insurance</b>				
Private Insurance	1476	53.8%	453	37.5%*
Medicare	946	26.9%	354	22.4%*
Medicaid	790	20.2%	546	36.2%*
Uninsured	491	15.9%	273	19.8%*
<b>Region</b>				
Northeast	423	16.6%	177	14.1%*
Midwest	867	27.8%	229	17.9%*
South	1230	36.4%	872	59.6%*
West	591	19.3%	112	8.5%*

<sup>1</sup>Calculations are weighted to be representative of the entire U.S. population  
\* Difference for minority group is significantly different than Whites at  $p < .05$

---

Hispanic  
n=1,705

\$ (weighted)  
\$1,567.45\*  
\$62.13\*  
\$1,505.32\*  
\$181.96\*  
\$19.38\*  
\$162.58\*

unweighted n	% (weighted)
310	19.2%*
399	24.2%
246	16.5%*
323	19.3%*
606	33.8%
412	23.7%*
118	6.7%*
191	12.3%*
332	21.9%*
341	19.4%
360	20.7%*
261	13.6%*
129	6.8%*
91	5.2%*
1107	60.5%*
834	44.3%*
634	32.4%*
189	9.2%*
365	21.2%*
393	27.2%*
124	10.1%*
1020	50.6%*
403	26.4%*
195	15.6%*
87	7.5%*
435	31.4%*
319	17.7%*
614	30.8%*
565	32.0%*
257	17.7%*
105	6.8%*
593	34.1%*
750	41.4%*

---

**Table 2. Racial/ethnic disparities in "appropriate care" (any outpatient mental health care and any psychotropic (N=6206))**

	Whites		Blacks		Lati
	Mean	SD	Mean	SD	Mean
Any Outpatient Mental Health Expenditure	28.4%	0.9%	20.8%	1.2%	22.2%
Disparity			7.7%	1.6% *	6.3%
Any Rx Mental Health Expenditure	42.5%	1.2%	25.0%	1.5%	27.6%
Disparity			17.5%	2.0% *	14.9%

\*Disparity is significant at  $p < .05$

Disparities were calculated applying the IOM definition of racial/ethnic disparities using a rank and replace method adjusts for need variables

Data: 2004-2010 Medical Expenditure Panel Survey

: drug use)

---

inos

SD

1.5%

1.7% \*

1.3%

---

1.6% \*

l that

**Table 3: Predicted Black-white disparities, offset and savings for outpatient mental health care and psychotropic**

	Step 1: Disparity Estimation			Step 2: Offset Estimation	
	Disparity	Translate disparity to #people	Cost per capita	Offset per capita	Significance
<b>Any Outpatient Mental Health Expenditure</b>					
ER expenditure	7.7%	1,285,003	\$113.74	\$136.95	***
ER Mental Health expenditure	7.7%	1,285,003	\$113.74	\$6.10	
ER Physical Health expenditure	7.7%	1,285,003	\$113.74	\$135.25	***
Inpatient expenditure	7.7%	1,285,003	\$113.74	\$762.28	***
Inpatient Mental Health expenditure	7.7%	1,285,003	\$113.74	/	
Inpatient Physical Health expenditure	7.7%	1,285,003	\$113.74	\$540.83	***
<b>Any Psychotropic Drug Expenditure</b>					
ER expenditure	17.5%	2,924,153	\$99.20	\$70.75	
ER Mental Health expenditure	17.5%	2,924,153	\$99.20	\$3.49	
ER Physical Health expenditure	17.5%	2,924,153	\$99.20	\$72.78	
Inpatient expenditure	17.5%	2,924,153	\$99.20	/	
Inpatient Mental Health expenditure	17.5%	2,924,153	\$99.20	/	
Inpatient Physical Health expenditure	17.5%	2,924,153	\$99.20	/	

notes: / means no positive offset value or no significant positive offset value for 500 times bootstrap.

\*\*, \*\*\* denotes significance at the 5% and 1%, respectively

146,156,210.24

white	74,246,442
black	16,710,570
latino	17,585,374

median expend 306.8

**drug use**

**Step 3: Savings Estimation  
(Disparity\*Offset)**

<u>Savings per capita (F-D)</u>	<u>Total_savings (C*I)</u>	<u>Significance</u>
\$23.21	\$29,825,633	
/	/	
\$21.51	\$27,641,784	
\$648.54	\$833,372,482	**
/	/	
\$427.09	\$548,810,761	**
/	/	
/	/	
/	/	
/	/	
/	/	

**Table 4: Predicted Latino-white disparities, offset and savings for outpatient mental health care and psychotropic dr**

	Step 1: Disparity Estimation			Step 2: Offset Estimation	
	Disparity	Translate disparity to #people	Cost per capita	Offset per capita	Significance
<b>Any Outpatient Mental Health Expenditure</b>					
ER expenditure	6.3%	1,104,244	\$113.74	/	
ER Mental Health expenditure	6.3%	1,104,244	\$113.74	/	
ER Physical Health expenditure	6.3%	1,104,244	\$113.74	/	
Inpatient expenditure	6.3%	1,104,244	\$113.74	\$642.33	**
Inpatient Mental Health expenditure	6.3%	1,104,244	\$113.74	\$26.99	
Inpatient Physical Health expenditure	6.3%	1,104,244	\$113.74	\$596.69	**
<b>Any Psychotropic Drug Expenditure</b>					
ER expenditure	14.9%	2,625,496	\$99.20	/	
ER Mental Health expenditure	14.9%	2,626,052	\$99.20	/	
ER Physical Health expenditure	14.9%	2,626,052	\$99.20	/	
Inpatient expenditure	14.9%	2,626,052	\$99.20	\$697.77	**
Inpatient Mental Health expenditure	14.9%	2,626,052	\$99.20	\$34.62	
Inpatient Physical Health expenditure	14.9%	2,626,052	\$99.20	\$662.89	**

notes:/ means no positive value or no significant positive value for 500 times bootstrap.

\*, \*\*, \*\*\* means 10%,5%,1%,significant by bootstrap

white	74,246,442
black	16,710,570
latino	17,585,374



Drug use

---

**Step 3: Savings Estimation  
(Disparity\*Offset)**

<u>Savings per</u> <u>capita (F-D)</u>	<u>Total_savings</u> <u>(C*I)</u>	<u>Significance</u>
/	/	
/	/	
/	/	
\$528.59	\$583,690,028	**
/	/	
\$482.95	\$533,295,096	**
/	/	
/	/	
/	/	
\$598.57	\$1,571,866,592	**
/	/	
\$563.69	\$1,480,273,153	**

---

**Appendix Table 1. Racial/ethnic disparities in any psychotropic drug use, any outpatient mental health care. Multivariate method, adjusting for need variables in MEPS) (N=6206)**

	Whites		Mean
	Mean	SD	
Any Outpatient Mental Health Expenditure	28.45%	0.92%	20.76%
Any Outpatient Mental Health Expenditure with Medicare	28.32%	1.43%	21.70%
Any Outpatient Mental Health Expenditure with Medicaid	41.98%	1.86%	33.92%
Any Outpatient Mental Health Expenditure with Private Insurance	27.53%	1.20%	18.61%
Any Outpatient Mental Health Expenditure without Insurance	18.56%	1.79%	14.34%
Any Outpatient Mental Health Expenditure with Diabete	28.52%	1.78%	23.20%
Any Outpatient Mental Health Expenditure with Asthma	35.08%	1.83%	25.59%
Any Outpatient Mental Health Expenditure with High Blood Pressure	28.56%	1.64%	22.36%
Any Outpatient Mental Health Expenditure with Heart Disease	26.97%	1.77%	18.06%
Any Rx Mental Health Expenditure	42.49%	1.20%	24.99%
Any Rx Mental Health Expenditure with Medicare	47.47%	1.65%	30.39%
Any Rx Mental Health Expenditure with Medicaid	54.40%	1.62%	40.42%
Any Rx Mental Health Expenditure with Private Insurance	42.22%	1.36%	21.43%
Any Rx Mental Health Expenditure without Insurance	29.20%	2.52%	13.73%
Any Rx Mental Health Expenditure with Diabete	47.07%	1.76%	30.41%
Any Rx Mental Health Expenditure with Asthma	51.26%	2.22%	34.54%
Any Rx Mental Health Expenditure with High Blood Pressure	46.73%	2.30%	27.97%
Any Rx Mental Health Expenditure with Heart Disease	47.02%	2.67%	26.02%

\*Disparity is significant at p<.05

ethod used was IOM-concordant (rank and replace

Blacks			Latinos			
SD	Disparity	SD	Mean	SD	Disparity	SD
1.23%	7.69%	1.56% *	22.17%	1.53%	6.28%	1.73% *
2.46%	6.62%	2.87% *	29.66%	2.70%	-1.34%	2.79%
2.93%	8.06%	3.43% *	37.80%	2.32%	4.18%	2.66% *
2.24%	8.93%	2.22% *	23.34%	2.67%	4.19%	2.68% *
3.41%	4.23%	3.92% *	8.88%	2.20%	9.68%	2.73% *
3.01%	5.31%	2.90% *	23.53%	2.39%	4.99%	2.51% *
1.67%	9.49%	2.45% *	29.40%	3.67%	5.68%	4.16% *
1.84%	6.20%	2.51% *	24.36%	1.89%	4.20%	2.56% *
3.57%	8.91%	3.31% *	24.79%	4.10%	2.19%	4.80% *
1.48%	17.50%	2.05% *	27.55%	1.27%	14.93%	1.60% *
2.35%	17.08%	3.24% *	41.83%	2.72%	5.63%	2.74% *
3.06%	13.98%	3.13% *	40.82%	2.16%	13.58%	2.97% *
2.60%	20.80%	2.83% *	30.77%	2.65%	11.45%	2.50% *
2.54%	15.47%	3.95% *	12.77%	2.43%	16.43%	3.70% *
2.50%	16.67%	2.48% *	28.19%	2.30%	18.89%	2.36% *
2.39%	16.72%	3.20% *	34.59%	3.34%	16.67%	4.23% *
1.68%	18.76%	2.91% *	31.36%	1.54%	15.37%	2.67% *
2.61%	21.00%	4.06% *	31.94%	3.83%	15.08%	4.65% *

**Appendix Table 2: Generalized Linear Model Results for Different Dependent Variables**

	Year 2 ER Physical Health Expenditure(N=6206)		Year 2 ER Mental Health Expenditure(N=6206)	
	Coefficient	se	Coefficient	se
Any Year 1 outpatient mental health expenditure	0.151	0.169	-0.244	0.558
Black	0.217	0.170	0.586	0.531
Hispanic	-0.388 *	0.175	0.485	0.424
Black*Any outpatient mental health expenditure	-0.76 *	0.281	-0.549	0.733
Hispanic*Any outpatient mental health expenditure	-0.055	0.354	0.568	0.613
Age	-0.11 *	0.040	-0.119	0.134
female	0.134	0.119	0.436	0.462
PCS	-0.013 *	0.006	0.007	0.024
MCS	0.010	0.008	0.016	0.026
Self-reported MH	0.080	0.064	-0.018	0.156
K6	0.023	0.016	0.010	0.038
PHQ-2	0.011	0.050	0.119	0.225
Any limitation of activity	-0.147	0.133	-0.226	0.461
Self-reported physical health	-0.251	0.156	-0.348	0.425
Any Comorbid physical health disorder	0.732 *	0.197	-1.157 *	0.515
BMI	0.006	0.008	-0.003	0.021
Diabetes	0.103	0.155	-0.080	0.385
Asthma	0.242	0.137	0.989 *	0.458
High Blood Pressure	-0.291	0.154	0.266	0.363
CHD	-0.172	0.277	0.136	0.617
Angina	0.028	0.333	-1.109	0.621
MI	0.259	0.268	2.335 *	0.556
Stroke	0.002	0.221	-0.628	0.577
Emphysema	-0.252	0.290	-2.367 *	0.839
Arthritis	0.018	0.135	0.675	0.367
Other Heart Disease	-0.092	0.198	0.484	0.505
Any service use with a MH diagnosis	-0.257	0.223	4.956 *	0.668
Constant	5.135 *	0.691	-1.041	3.047

	Year 2 ER Physical Health Expenditure(N=6206)		Year 2 ER Mental Health Expenditure(N=6206)	
	Coefficient	se	Coefficient	se
Any Year 1 Rx mental health expenditure	0.120	0.159	-0.700	0.701
Black	0.195	0.190	0.070	0.695
Hispanic	-0.386 *	0.192	0.133	0.575
Black*Any Rx mental health expenditure	-0.411	0.270	0.274	0.855
Hispanic*Any Rx mental health expenditure	-0.017	0.318	0.878	0.741
Age	-0.111 *	0.040	-0.121	0.144
female	0.126	0.121	0.472	0.514
PCS	-0.013 *	0.006	0.008	0.023
MCS	0.009	0.008	0.016	0.026
Self-reported MH	0.079	0.064	-0.033	0.156
K6	0.022	0.016	0.008	0.034
PHQ-2	0.010	0.050	0.142	0.211
Any limitation of activity	-0.147	0.133	-0.188	0.412
Self-reported physical health	-0.248	0.157	-0.411	0.442
Any Comorbid physical health disorder	0.735 *	0.200	-1.222 *	0.471
BMI	0.006	0.008	-0.002	0.020

Diabetes	0.103	0.156	-0.226		0.421
Asthma	0.243	0.137	1.008	*	0.429
High Blood Pressure	-0.297	0.155	0.248		0.375
CHD	-0.170	0.278	-0.077		0.606
Angina	0.028	0.333	-1.012		0.573
MI	0.259	0.267	2.443	*	0.564
Stroke	-0.003	0.221	-0.673		0.584
Emphysema	-0.250	0.290	-2.253	*	0.751
Arthritis	0.021	0.135	0.744		0.386
Other Heart Disease	-0.090	0.197	0.550		0.541
Any service use with a MH diagnosis	-0.262	0.220	5.08	*	0.761
Constant	5.162	*	0.690		-0.784
					2.993

---

Data: Panels 9-14 (2004-2010) Medical Expenditure Panel Survey

All covariates are drawn from Year 1 of the Panel Data

The GLM that was found to best fit the data has a log link and residual variance proportional to mean squared

Year 2 ER Expenditure(N=6206)		Year 2 Inpatient Physical Health Expenditure(N=6206)		Year 2 Inpatient Mental Health Expenditure(N=6206)		Year 2 Inp Expenditure(C
Coefficient	se	Coefficient	se	Coefficient	se	Coefficient
0.120	0.168	0.260	0.193	-0.767	0.539	0.168
0.218	0.168	-0.268	0.185	0.120	1.140	-0.276
-0.367	*	0.170	-0.354	0.187	-0.943	0.821
-0.714	*	0.272	-0.573	0.368	-1.215	1.563
0.042	0.333	-0.652	0.381	0.249	1.260	-0.576
-0.108	*	0.040	0.195	*	0.042	-0.195
0.143	0.117	0.216	0.136	-0.085	0.510	0.219
-0.013	*	0.006	-0.036	*	0.007	0.028*
0.010	0.008	-0.002	0.008	-0.045	0.035	-0.005
0.076	0.063	0.034	0.067	0.079	0.194	0.042
0.023	0.015	0.008	0.016	-0.105	0.070	0.003
0.012	0.049	-0.032	0.060	0.657	0.342	-0.006
-0.141	0.131	0.253	0.134	0.219	0.392	0.26
-0.262	0.152	-0.070	0.146	0.174	0.922	-0.029
0.691	*	0.192	-0.004	0.250	0.622	0.520
0.006	0.008	0.013	0.009	0.014	0.018	0.013
0.095	0.153	0.417	*	0.179	-0.023	0.552
0.255	0.135	-0.084	0.193	-0.748	0.588	-0.101
-0.285	0.151	-0.045	0.167	0.276	0.444	-0.052
-0.191	0.274	-0.340	0.329	0.329	0.619	-0.331
0.002	0.328	0.263	0.306	-0.915	0.764	0.250
0.310	0.265	0.076	0.318	-1.014	1.033	0.076
0.005	0.219	0.031	0.277	1.324	1.069	0.061
-0.284	0.289	-0.148	0.280	0.547	0.524	-0.142
0.034	0.132	0.213	0.161	-0.000	0.406	0.210
-0.080	0.195	0.086	0.204	-0.439	0.579	0.058
0.286	0.176	0.419	0.321	4.291	*	0.899
5.143	*	0.677	7.305	*	0.678	2.058
						3.389
						7.331

Year 2 ER Expenditure(N=6206)		Year 2 Inpatient Physical Health Expenditure(N=6206)		Year 2 Inpatient Mental Health Expenditure(N=6206)		Year 2 Inp Expenditure(C		
Coefficient	se	Coefficient	se	Coefficient	se	Coefficient		
0.102	0.158	0.311	0.164	-1.557	*	0.529	0.211	
0.193	0.188	-0.315	0.202	-3.864	*	1.355	-0.386	
-0.366	*	0.187	-0.245	0.204	-1.486	0.785	-0.305	
-0.376	0.261	-0.094	0.343	4.877	*	1.616	0.031	
0.059	0.303	-0.74	*	0.339	0.828	1.388	-0.647	
-0.109	*	0.039	0.194	*	0.043	-0.108	0.271	
0.136	0.119	0.199	0.136	-0.004	0.502	0.502	0.204	
-0.013	*	0.006	-0.036	*	0.007	0.036	*	0.013
0.010	0.008	-0.001	0.008	-0.031	0.036	-0.005	-0.005	
0.074	0.062	0.029	0.069	-0.047	0.164	0.034	0.034	
0.023	0.015	0.007	0.015	-0.089	0.055	0.002	0.002	
0.012	0.049	-0.034	0.060	0.749	*	0.276	-0.005	
-0.141	0.131	0.248	0.133	0.305	0.368	0.254	*	
-0.259	0.153	-0.062	0.146	-0.032	1.082	-0.022	-0.022	
0.692	*	0.194	-0.021	0.253	0.171	0.470	0.007	
0.005	0.008	0.012	0.009	0.020	0.017	0.012	0.012	

0.097	0.154	0.425 *	0.179	-0.050	0.456	0.414 *
0.256	0.135	-0.086	0.192	-0.571	0.480	-0.103
-0.289	0.152	-0.040	0.168	0.282	0.405	-0.046
-0.190	0.274	-0.342	0.330	0.400	0.769	-0.330
0.003	0.328	0.264	0.307	-0.881	0.768	0.254
0.309	0.264	0.079	0.315	-1.077	1.199	0.077
0.001	0.219	0.030	0.274	1.628	1.435	0.061
-0.283	0.289	-0.143	0.283	0.532	0.649	-0.140
0.036	0.132	0.214	0.162	0.130	0.389	0.211
-0.078	0.194	0.082	0.203	-0.424	0.561	0.054
0.277	0.171	0.385	0.322	4.483 *	0.984	0.885 *
5.17 *	0.677	7.298 *	0.681	1.032	3.458	7.343 *

---

---

patient

N=6206)

se

0.208  
0.184  
0.186  
0.356  
0.372  
0.042  
0.135  
0.007  
0.009  
0.066  
0.016  
0.062  
0.130  
0.142  
0.237  
0.009  
0.175  
0.190  
0.165  
0.329  
0.303  
0.319  
0.274  
0.280  
0.155  
0.201  
0.302  
0.669

-0.376

---

---

patient

N=6206)

se

0.180  
0.204  
0.204  
0.333  
0.335  
0.042  
0.136  
0.007  
0.008  
0.068  
0.016  
0.063  
0.130  
0.143  
0.239  
0.009



0.174  
0.189  
0.166  
0.331  
0.303  
0.316  
0.272  
0.283  
0.155  
0.200  
0.302  
0.672

---

**Appendix Table 3: Predicted offset and savings realized from the elimination of Black-white disparities in appro**

	offset	significance	disparity	average xp
<b>Any Outpatient Mental Health Expenditure</b>				
ER expenditure with Medicare	/		6.62%	\$118.43
ER expenditure with Medicaid	\$255.15	***	8.06%	\$118.43
ER expenditure with Private Insurance	\$153.81	***	8.93%	\$118.43
ER expenditure without Insurance	/		4.23%	\$118.43
ER expenditure with Diabete	\$60.29	**	5.31%	\$118.43
ER expenditure with Asthma	\$177.79	***	9.49%	\$118.43
ER expenditure with High Blood Pressure	\$89.51	**	6.20%	\$118.43
ER expenditure with Heart Disease	\$198.74	***	8.91%	\$118.43
Inpatient expenditure with Medicare	\$1,859.99	***	6.62%	\$118.43
Inpatient expenditure with Medicaid	\$2,202.79	***	8.06%	\$118.43
Inpatient expenditure with Private Insurance	/		8.93%	\$118.43
Inpatient expenditure without Insurance	/		4.23%	\$118.43
Inpatient expenditure with Diabete	\$392.91	**	5.31%	\$118.43
Inpatient expenditure with Asthma	/		9.49%	\$118.43
Inpatient expenditure with High Blood Pressure	\$622.36	***	6.20%	\$118.43
Inpatient expenditure with Heart Disease	\$2,245.16	***	8.91%	\$118.43
<b>Any Psychotropic Drug Expenditure</b>				
ER expenditure with Medicare	\$100.82		17.08%	\$99.73
ER expenditure with Medicaid	\$252.57		13.98%	\$99.73
ER expenditure with Private Insurance	/		20.80%	\$99.73
ER expenditure without Insurance	/		15.47%	\$99.73
ER expenditure with Diabete	/		16.67%	\$99.73
ER expenditure with Asthma	\$84.20		16.72%	\$99.73
ER expenditure with High Blood Pressure	\$80.62		18.76%	\$99.73
ER expenditure with Heart Disease	\$230.95		21.00%	\$99.73
Inpatient expenditure with Medicare	\$1,106.48		17.08%	\$99.73
Inpatient expenditure with Medicaid	\$200.97		13.98%	\$99.73
Inpatient expenditure with Private Insurance	/		20.80%	\$99.73
Inpatient expenditure without Insurance	/		15.47%	\$99.73
Inpatient expenditure with Diabete	\$1,016.26		16.67%	\$99.73
Inpatient expenditure with Asthma	\$755.90		16.72%	\$99.73
Inpatient expenditure with High Blood Pressure	/		18.76%	\$99.73
Inpatient expenditure with Heart Disease	\$3,130.38		21.00%	\$99.73

notes:/ means no positive value or no significant positive value for 500 times bootstrap.

\*,\*\*,\*\*\* means 10%,5%,1%,significant by bootstrap

**private mental health care.**

total population	#people to eliminate disparity	Per_Savings	Total_savings	significance
3,720,817	246,272	/	/	
5,970,219	481,361	\$136.72	\$65,810,986	***
6,257,917	558,555	\$35.38	\$19,761,092	***
3,375,958	142,688	/	/	
4,716,868	250,671			
4,827,451	458,345	\$59.36	\$27,207,199	***
7,902,364	489,984			
1,879,905	167,478	\$80.31	\$13,450,341	***
3,720,817	246,272	\$1,741.56	\$428,898,439	***
5,970,219	481,361	\$2,084.36	\$1,003,327,322	***
6,257,917	558,555	/	/	
3,375,958	142,688	/	/	
4,716,868	250,671	\$274.48	\$68,805,397	**
4,827,451	458,345	/	/	
7,902,364	489,984	\$503.93	\$246,919,607	***
1,879,905	167,478	\$2,126.73	\$356,181,645	***
3,720,817	635,556	/	/	
5,970,219	834,499	\$152.84	\$127,546,801	
6,257,917	1,301,483	/	/	
3,375,958	522,161	/	/	
4,716,868	786,071	/	/	
4,827,451	807,257	/	/	
7,902,364	1,482,706	/	/	
1,879,905	394,785	\$131.22	\$51,802,698	
3,720,817	635,556	\$1,006.75	\$639,844,960	
5,970,219	834,499	\$101.24	\$84,481,102	
6,257,917	1,301,483	/	/	
3,375,958	522,161	/	/	
4,716,868	786,071	\$916.53	\$720,461,019	
4,827,451	807,257	/	/	
7,902,364	1,482,706		\$0	
1,879,905	394,785	\$3,030.65	\$1,196,457,295	

**Appendix Table 4: Predicted offset and savings realized from the elimination of Latino-white disparities in approp**

	offset	significance disparity	average xp
<b>Any Outpatient Mental Health Expenditure</b>			
ER expenditure with Medicare	/		
ER expenditure with Medicaid	/	4.18%	\$118.43
ER expenditure with Private Insurance	/	4.19%	\$118.43
ER expenditure without Insurance	/	9.68%	\$118.43
ER expenditure with Diabete	/	4.99%	\$118.43
ER expenditure with Asthma	/	5.68%	\$118.43
ER expenditure with High Blood Pressure	/	4.20%	\$118.43
ER expenditure with Heart Disease	\$42.31	2.19%	\$118.43
Inpatient expenditure with Medicare			
Inpatient expenditure with Medicaid	\$1,272.89	4.18%	\$118.43
Inpatient expenditure with Private Insurance	\$158.86	4.19%	\$118.43
Inpatient expenditure without Insurance	/	9.68%	\$118.43
Inpatient expenditure with Diabete	\$1,350.56	4.99%	\$118.43
Inpatient expenditure with Asthma	\$647.46	5.68%	\$118.43
Inpatient expenditure with High Blood Pressure	\$767.35	4.20%	\$118.43
Inpatient expenditure with Heart Disease	\$655.04	2.19%	\$118.43
<b>Any Psychotropic Drug Expenditure</b>			
ER expenditure with Medicare	\$38.63	5.63%	\$99.73
ER expenditure with Medicaid	\$22.28	13.58%	\$99.73
ER expenditure with Private Insurance	/	11.45%	\$99.73
ER expenditure without Insurance	/	16.43%	\$99.73
ER expenditure with Diabete	/	18.89%	\$99.73
ER expenditure with Asthma	/	16.67%	\$99.73
ER expenditure with High Blood Pressure	/	15.37%	\$99.73
ER expenditure with Heart Disease	\$42.48	15.08%	\$99.73
Inpatient expenditure with Medicare	\$1,698.34	5.63%	\$99.73
Inpatient expenditure with Medicaid	\$1,117.34	13.58%	\$99.73
Inpatient expenditure with Private Insurance	\$127.49	11.45%	\$99.73
Inpatient expenditure without Insurance	/	16.43%	\$99.73
Inpatient expenditure with Diabete	\$1,656.14	18.89%	\$99.73
Inpatient expenditure with Asthma	\$528.34	16.67%	\$99.73
Inpatient expenditure with High Blood Pressure	\$676.73	15.37%	\$99.73
Inpatient expenditure with Heart Disease	\$566.58	15.08%	\$99.73

notes:/ means no positive value or no significant positive value for 500 times bootstrap.

\*,\*\*,\*\*\* means 10%,5%,1%,significant by bootstrap

**riate mental health care.**

---

total population	#people to eliminate disparity	Per_Savings	Total_savings	significance
		/	/	
5,319,824	222,248	/	/	
5,558,885	232,951	/	/	
5,683,308	550,125	/	/	
4,998,576	249,537	/	/	
4,186,790	237,762	/	/	
6,653,628	279,446	/	/	
1,487,528	32,522	/	/	
		/	/	
5,319,824	222,248	\$1,154.46	\$256,576,780	
5,558,885	232,951	\$40.43	\$9,417,672	
5,683,308	550,125	/	/	
4,998,576	249,537	\$1,232.13	\$307,462,214	
4,186,790	237,762	\$529.03	\$125,784,226	
6,653,628	279,446	\$648.92	\$181,338,145	
1,487,528	32,522	\$536.61	\$17,451,678	
		/	/	
3,108,519	175,140	/	/	
5,319,824	722,235	/	/	
5,558,885	636,671	/	/	
5,683,308	933,873	/	/	
4,998,576	944,075	/	/	
4,186,790	697,783	/	/	
6,653,628	1,022,927	/	/	
1,487,528	224,366	/	/	
		/	/	
3,108,519	175,140	\$1,598.61	\$279,982,037	
5,319,824	722,235	\$1,017.61	\$734,952,962	
5,558,885	636,671	\$27.76	\$17,675,747	
5,683,308	933,873	/	/	
4,998,576	944,075	\$1,556.41	\$1,469,365,678	
4,186,790	697,783	\$428.61	\$299,075,722	
6,653,628	1,022,927	\$577.00	\$590,225,822	
1,487,528	224,366	\$466.85	\$104,744,905	

---