

Figure 1 –Self-Reported Changes in 2020 Cancer Screening Rates

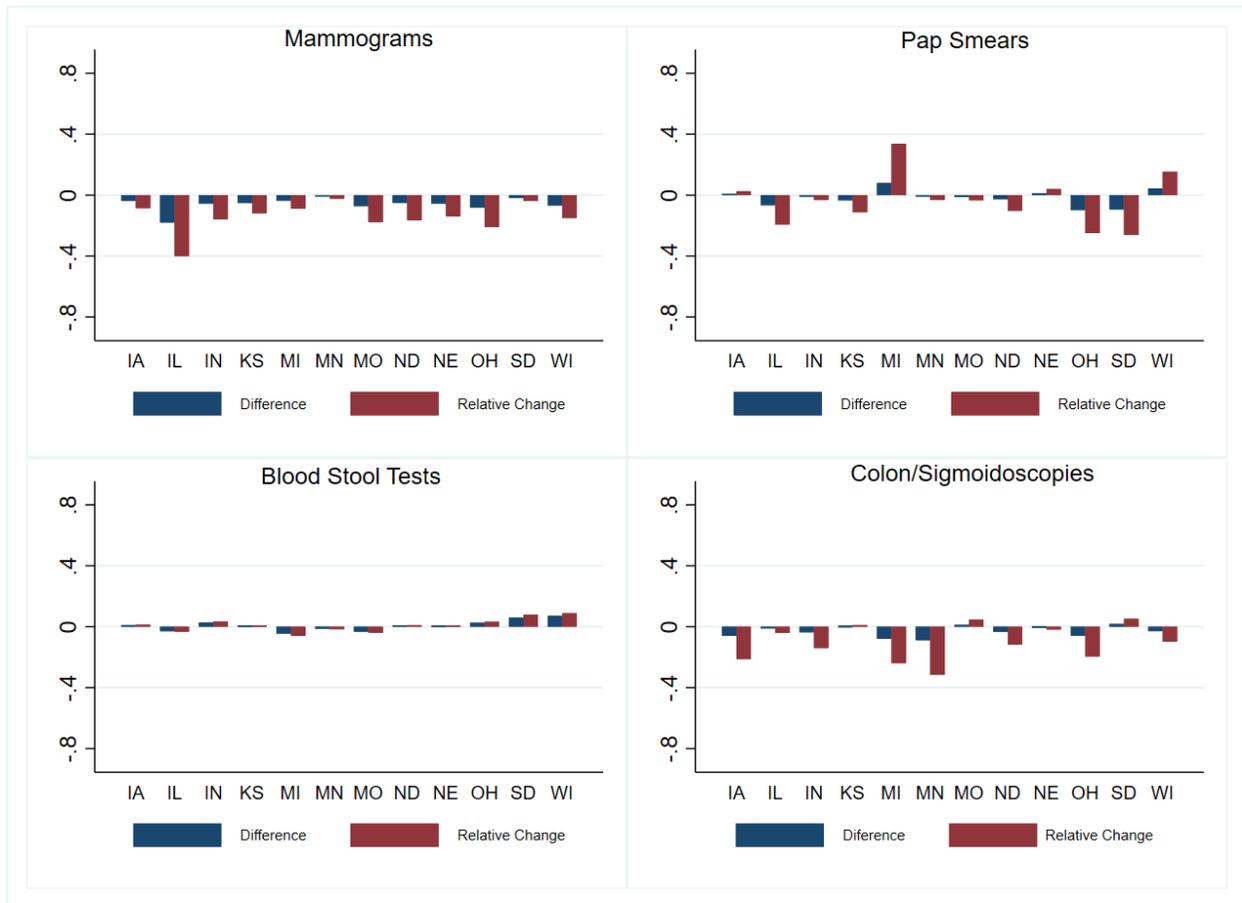


Figure 1 visually presents the differences between 2020-Q4 and 2020-Q1 self-reported cancer screening rates. Figure 1 also depicts the relative change of this difference as a percentage of 2020-Q1 screening rates.

Figure 2 – Self Reported Changes in 2020 Mammograms and Pap Smears – by Metro, Urban, Rural Status



Figure 2 visually presents the differences between 2020-Q4 and 2020-Q1 self-reported mammogram and pap smear rates. Figure 2 also depicts the relative change of this difference as a percentage of 2020-Q1 screening rates. Sample restricted to adult female respondents. Region status derived from BRFSS data. m = metro, u = urban, r = rural.

Figure 3 – Self Reported Changes in 2020 Blood Stool & Colon/Sigmoidoscopies Rates – by Metro, Urban, Rural Status

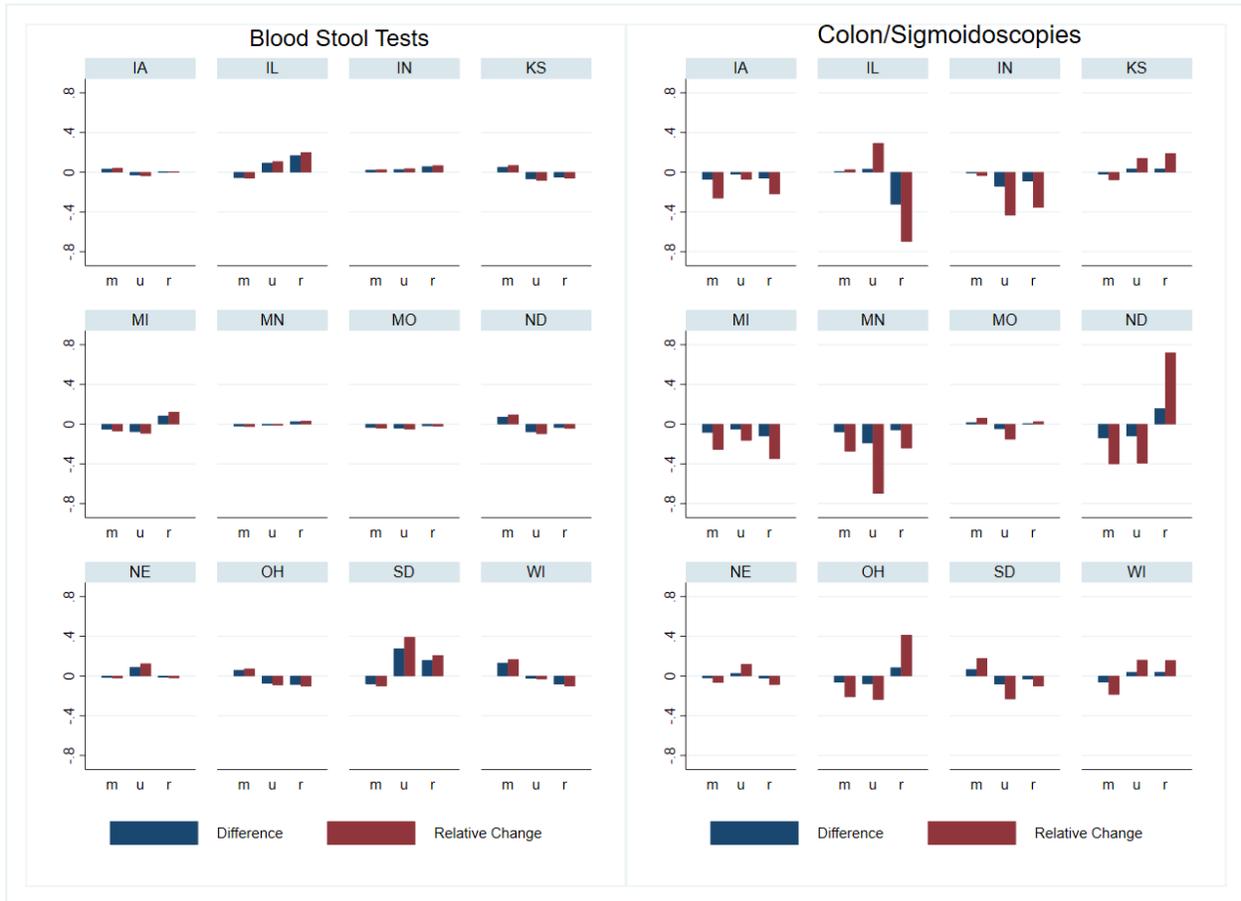


Figure 3 visually presents the differences between 2020-Q4 and 2020-Q1 self-reported blood stool tests and colon/sigmoidoscopy rates. Figure 3 also depicts the relative change of this difference as a percentage of 2020-Q1 screening rates. Sample includes male and female respondents. Region status derived from BRFSS data. m = metro, u = urban, r = rural.

Figure 4 – Self Reported Changes in 2020 Blood Stool Tests & Colon/Sigmoidoscopies – by Sex



Figure 4 visually presents the differences between 2020-Q4 and 2020-Q1 self-reported blood stool tests and colon/sigmoidoscopy rates. Figure 4 also depicts the relative change of this difference as a percentage of 2020-Q1 screening rates. Sex determined by self-reported BRFSS data. f = female, m = male.

Supplemental Table 1 – Change in Self-Reported Difference in Cancer Screening Rates in 2020 – Full Sample of Eligible Adults

	Mammograms		Pap Smears		Blood Stool Tests		Colon/Sigmoidoscopies	
	Difference	Relative Change	Difference	Relative Change	Difference	Relative Change	Difference	Relative Change
<i>IL</i>	-0.038	-0.086	0.008	0.026	0.010	0.013	-0.060	-0.213
<i>IN</i>	-0.181	-0.400	-0.067	-0.194	-0.030	-0.034	-0.012	-0.041
<i>IA</i>	-0.056	-0.159	-0.010	-0.033	0.027	0.034	-0.037	-0.140
<i>KS</i>	-0.052	-0.119	-0.034	-0.112	0.005	0.007	0.003	0.011
<i>MI</i>	-0.036	-0.089	0.079	0.337	-0.045	-0.060	-0.079	-0.240
<i>MN</i>	-0.009	-0.024	-0.010	-0.032	-0.014	-0.017	-0.089	-0.316
<i>MO</i>	-0.073	-0.177	-0.012	-0.034	-0.034	-0.040	0.012	0.046
<i>NE</i>	-0.052	-0.166	-0.027	-0.104	0.008	0.010	-0.034	-0.118
<i>ND</i>	-0.056	-0.140	0.013	0.040	0.005	0.006	-0.005	-0.019
<i>OH</i>	-0.082	-0.209	-0.098	-0.250	0.026	0.032	-0.059	-0.196
<i>SD</i>	-0.018	-0.039	-0.094	-0.261	0.061	0.080	0.018	0.052
<i>WI</i>	-0.068	-0.150	0.044	0.154	0.071	0.089	-0.030	-0.098

Table 1 reports the difference between 2020-Q4 and 2020-Q1 self-reported cancer screening rates for twelve Midwest states. Table 1 also reports the relative change by dividing the Q4-Q1 difference by the Q1 screening rate. All estimates account for sampling probability weights and seasonal differences in response rates.

Supplemental Table 2– Change in Self-Reported Difference in Mammograms Rates in 2020 – by Region

	Difference			Relative Change		
	Metro	Urban	Rural	Metro	Urban	Rural
<i>IL</i>	0.001	-0.161	0.044	0.003	-0.346	0.108
<i>IN</i>	-0.168	-0.024	-0.359	-0.366	-0.063	-0.773
<i>IA</i>	-0.098	-0.012	0.152	-0.265	-0.045	0.547
<i>KS</i>	-0.066	-0.114	0.000	-0.143	-0.270	0.001
<i>MI</i>	-0.003	-0.043	-0.173	-0.008	-0.080	-0.316
<i>MN</i>	-0.022	0.057	0.008	-0.059	0.144	0.021
<i>MO</i>	-0.076	-0.070	-0.038	-0.184	-0.165	-0.099
<i>NE</i>	-0.116	-0.124	0.166	-0.403	-0.311	0.615
<i>ND</i>	-0.067	-0.061	-0.007	-0.164	-0.151	-0.020
<i>OH</i>	-0.102	-0.050	-0.018	-0.249	-0.185	-0.050
<i>SD</i>	0.052	-0.055	-0.070	0.117	-0.117	-0.130
<i>WI</i>	-0.057	-0.223	0.056	-0.123	-0.452	0.162

Table 2 reports the difference between 2020-Q4 and 2020-Q1 self-reported mammogram rates for twelve Midwest states, by metro/urban/rural status of the respondent. Table 2 also reports the relative change by dividing the Q4-Q1 difference by the Q1 screening rate. All estimates account for sampling probability weights and seasonal differences in response rates.

Supplemental Table 3– Change in Self-Reported Difference in Pap Smear Rates in 2020 – by Region

	Difference			Relative Change		
	Metro	Urban	Rural	Metro	Urban	Rural
<i>IL</i>	0.004	-0.051	0.093	0.011	-0.183	0.314
<i>IN</i>	-0.094	0.094	0.055	-0.256	0.303	0.355
<i>IA</i>	-0.017	-0.108	0.073	-0.054	-0.353	0.255
<i>KS</i>	-0.039	-0.046	0.016	-0.121	-0.170	0.051
<i>MI</i>	0.099	-0.017	-0.015	0.400	-0.079	-0.081
<i>MN</i>	-0.010	-0.027	0.001	-0.032	-0.092	0.006
<i>MO</i>	-0.061	0.130	0.135	-0.158	0.475	0.606
<i>NE</i>	-0.033	-0.098	0.029	-0.123	-0.327	0.136
<i>ND</i>	-0.022	0.042	0.055	-0.058	0.180	0.231
<i>OH</i>	-0.101	-0.071	-0.097	-0.250	-0.215	-0.260
<i>SD</i>	-0.146	0.087	-0.122	-0.402	0.258	-0.319
<i>WI</i>	0.014	0.089	0.129	0.044	0.461	0.517

Table 3 reports the difference between 2020-Q4 and 2020-Q1 self-reported pap smear rates for twelve Midwest states, by metro/urban/rural status of the respondent. Table 3 also reports the relative change by dividing the Q4-Q1 difference by the Q1 screening rate. All estimates account for sampling probability weights and seasonal differences in response rates.

Supplemental Table 4– Change in Self-Reported Difference in Blood Stool Test Rates in 2020 – by Region

	Difference			Relative Change		
	Metro	Urban	Rural	Metro	Urban	Rural
<i>IL</i>	0.033	0.004	-0.029	0.042	0.004	-0.037
<i>IN</i>	-0.056	0.169	0.095	-0.062	0.201	0.108
<i>IA</i>	0.022	0.058	0.028	0.027	0.068	0.037
<i>KS</i>	0.051	-0.051	-0.067	0.070	-0.063	-0.084
<i>MI</i>	-0.054	0.085	-0.077	-0.071	0.124	-0.095
<i>MN</i>	-0.021	0.027	-0.011	-0.026	0.032	-0.014
<i>MO</i>	-0.035	-0.018	-0.042	-0.042	-0.022	-0.052
<i>NE</i>	0.074	-0.036	-0.078	0.095	-0.045	-0.097
<i>ND</i>	-0.017	-0.016	0.088	-0.021	-0.020	0.125
<i>OH</i>	0.058	-0.087	-0.075	0.074	-0.104	-0.091
<i>SD</i>	-0.081	0.161	0.277	-0.102	0.209	0.392
<i>WI</i>	0.133	-0.084	-0.026	0.167	-0.103	-0.030

Table 4 reports the difference between 2020-Q4 and 2020-Q1 self-reported blood stool kit test rates for twelve Midwest states, by metro/urban/rural status of the respondent. Table 4 also reports the relative change by dividing the Q4-Q1 difference by the Q1 screening rate. All estimates account for sampling probability weights and seasonal differences in response rates.

Supplemental Table 5– Change in Self-Reported Difference in Colon and Sigmoidoscopy Rates in 2020 – by Region

	Difference			Relative Change		
	Metro	Urban	Rural	Metro	Urban	Rural
<i>IL</i>	-0.073	-0.063	-0.021	-0.262	-0.221	-0.073
<i>IN</i>	0.008	-0.323	0.032	0.027	-0.700	0.293
<i>IA</i>	-0.009	-0.091	-0.143	-0.035	-0.356	-0.435
<i>KS</i>	-0.021	0.036	0.036	-0.077	0.191	0.142
<i>MI</i>	-0.085	-0.120	-0.052	-0.256	-0.350	-0.165
<i>MN</i>	-0.079	-0.059	-0.192	-0.274	-0.243	-0.700
<i>MO</i>	0.017	0.006	-0.047	0.062	0.027	-0.153
<i>NE</i>	-0.141	0.157	-0.121	-0.401	0.721	-0.395
<i>ND</i>	-0.019	-0.022	0.027	-0.066	-0.087	0.121
<i>OH</i>	-0.064	0.085	-0.079	-0.212	0.413	-0.238
<i>SD</i>	0.066	-0.031	-0.082	0.180	-0.103	-0.233
<i>WI</i>	-0.062	0.039	0.038	-0.186	0.158	0.162

Table 5 reports the difference between 2020-Q4 and 2020-Q1 self-reported colon/sigmoidoscopy rates for twelve Midwest states, by metro/urban/rural status of the respondent. Table 5 also reports the relative change by dividing the Q4-Q1 difference by the Q1 screening rate. All estimates account for sampling probability weights and seasonal differences in response rates.

Supplemental Table 6 – Change in Self-Reported Blood Stool & Colon/Sigmoidoscopy Rates in 2020 – by Gender

	Blood Stool Tests				Colon/Sigmoidoscopies			
	Difference		Relative Change		Difference		Relative Change	
	Female	Male	Female	Male	Female	Male	Female	Male
<i>IL</i>	-0.002	0.020	-0.002	0.025	-0.052	-0.068	-0.179	-0.246
<i>IN</i>	-0.076	0.020	-0.083	0.022	0.104	-0.118	0.382	-0.402
<i>IA</i>	0.027	0.023	0.034	0.029	-0.070	-0.007	-0.222	-0.033
<i>KS</i>	-0.025	0.043	-0.033	0.056	0.029	-0.026	0.124	-0.102
<i>MI</i>	-0.078	-0.010	-0.102	-0.013	-0.088	-0.068	-0.240	-0.233
<i>MN</i>	-0.019	-0.009	-0.024	-0.011	-0.098	-0.084	-0.319	-0.331
<i>MO</i>	-0.034	-0.034	-0.042	-0.040	0.015	0.008	0.050	0.034
<i>NE</i>	-0.038	0.034	-0.047	0.043	-0.024	-0.036	-0.073	-0.136
<i>ND</i>	-0.006	0.010	-0.008	0.013	0.008	-0.018	0.032	-0.066
<i>OH</i>	0.031	0.023	0.039	0.029	-0.047	-0.072	-0.149	-0.250
<i>SD</i>	0.034	0.095	0.044	0.123	0.082	-0.043	0.204	-0.147
<i>WI</i>	0.059	0.081	0.075	0.100	-0.091	0.037	-0.299	0.123

Table 6 reports the difference between 2020-Q4 and 2020-Q1 self-reported blood stool test and colon/sigmoidoscopy rates for twelve Midwest states, by self-reported gender of the respondent. Table 6 also reports the relative change by dividing the Q4-Q1 difference by the Q1 screening rate. All estimates account for sampling probability weights and seasonal differences in response rates.