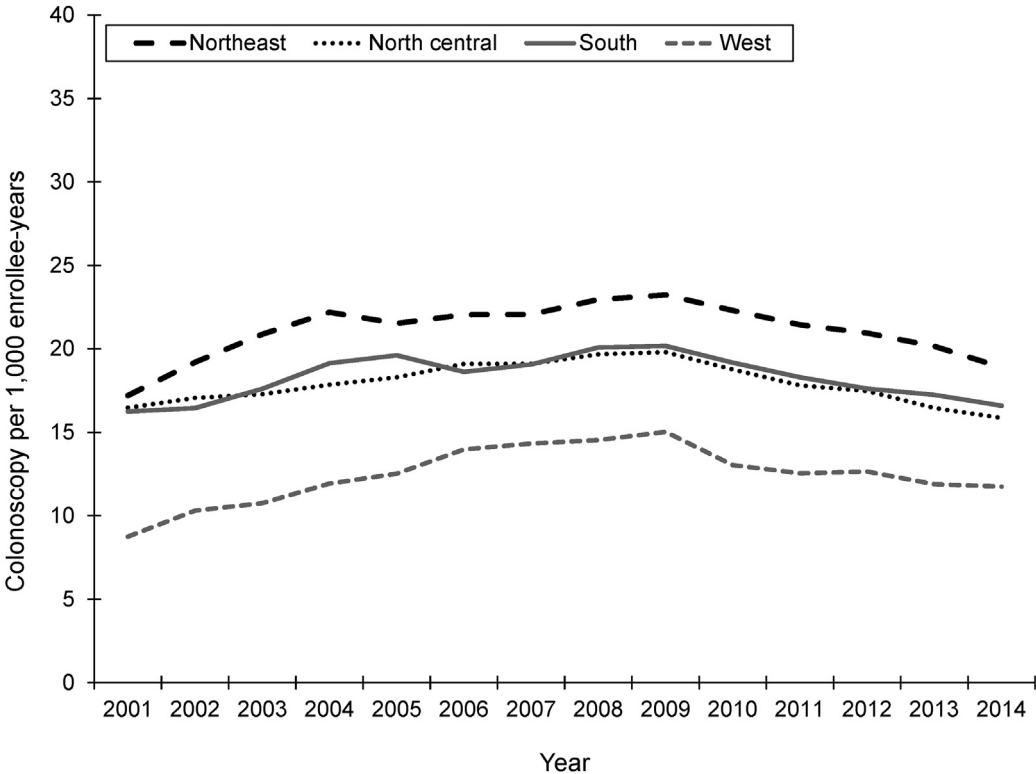


Supplementary Figure 1. Colonoscopies performed per 1000 enrollee-years by sex, MarketScan Commercial Claims and Encounters Data, 2001–2014.



Supplementary Figure 2. Colonoscopies performed per 1000 enrollee-years by geographic region, MarketScan Commercial Claims and Encounters Data, 2001–2014.

Supplementary Table 1. Number of Colonoscopies Performed (in Thousands), Enrollee-years^a (in Thousands), and Colonoscopy Rate per 1000 Enrollee-years, Overall and by Sex, 10-year Age Group, and Geographic Region

	Calendar Year													
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Overall														
COL	35.0	70.8	109.7	156.4	178.7	207.9	208.3	31.7	310.6	326.0	358.6	359.0	281.9	297.1
Enrollee-years	2295.7	4468.8	6904.5	8976.3	9930.0	11,310.6	11,206.4	16,149.0	15,786.3	17,709.9	20,324.0	20,871.5	17,182.5	18,549.7
Rate	15.2	15.8	15.9	17.4	18.0	18.4	18.6	19.6	19.7	18.4	17.6	17.2	16.4	16.0
Male														
COL	14.7	29.0	45.8	65.2	74.8	86.8	87.0	134.6	130.7	136.0	150.9	150.6	117.0	122.8
Enrollee-years	1063.9	2076.4	3221.2	4188.0	4650.7	5374.5	5326.1	7650.8	7444.3	8420.6	9756.9	10,079.4	8230.1	8908.1
Rate	13.8	14.0	14.2	15.6	16.1	16.2	16.3	17.6	17.6	16.2	15.5	14.9	14.2	13.8
Female														
COL	20.3	41.8	63.9	91.1	103.9	121.1	121.2	182.1	179.9	189.9	207.7	208.4	164.9	174.3
Enrollee-years	1231.9	2392.4	3683.3	4788.3	5279.2	5936.1	5880.4	8498.3	8342.0	9289.3	10,567.0	10,792.1	8952.4	9641.5
Rate	16.5	17.5	17.4	19.0	19.7	20.4	20.6	21.4	21.6	20.4	19.7	19.3	18.4	18.1
20-29 years														
COL	2.6	6.2	9.6	14.7	17.1	20.8	21.6	34.7	35.4	37.3	46.5	49.1	38.5	42.3
Enrollee-years	569.6	1158.3	1753.5	2290.8	2551.4	2971.5	3006.4	4415.1	4323.5	4776.1	6012.4	6446.9	5413.9	5966.5
Rate	4.6	5.3	5.5	6.4	6.7	7.0	7.2	7.9	8.2	7.8	7.7	7.6	7.1	7.1
30-39 years														
COL	7.6	16.5	25.4	36.2	41.2	48.6	48.9	75.6	75.3	79.8	86.5	87.9	68.2	73.7
Enrollee-years	733.8	1495.0	2330.3	2985.3	3296.1	3736.8	3692.9	5350.1	5243.4	5918.5	6521.0	6603.8	5408.1	5852.5
Rate	10.4	11.0	10.9	12.1	12.5	13.0	13.2	14.1	14.4	13.5	13.3	13.3	12.6	12.6
40-49 years														
COL	24.8	48.2	74.7	105.5	120.4	138.6	137.7	206.4	199.9	208.9	225.6	222.0	175.3	181.2
Enrollee-years	992.3	1815.5	2820.7	3700.2	4082.5	4602.3	4507.1	6383.8	6219.3	7015.3	7790.5	7820.8	6360.5	6730.6
Rate	25.0	26.5	26.5	28.5	29.5	30.1	30.6	32.3	32.1	29.8	29.0	28.4	27.6	26.9
Northeast														
COL	320.0	422.1	648.2	776.7	946.0	1073.4	969.6	2533.5	2063.8	2681.6	3631.1	3715.4	3213.2	3989.9
Enrollee-years	5.5	8.1	13.5	17.2	20.4	23.7	21.4	58.2	48.0	59.8	77.8	77.8	64.7	75.4
Rate	17.2	19.2	20.9	22.2	21.5	22.0	22.1	23.0	23.2	22.3	21.4	20.9	20.2	18.9
North central														
COL	10.8	19.6	24.9	32.1	37.7	59.8	58.9	77.8	80.6	80.2	83.7	83.8	58.8	58.0
Enrollee-years	632.3	1133.0	1393.6	1755.0	1976.5	3128.5	3083.9	3954.0	4069.1	4274.5	4699.7	4794.4	3570.2	3656.4
Rate	17.1	17.3	17.8	18.3	19.1	19.1	19.1	19.7	19.8	18.8	17.8	17.5	16.5	15.9
West														
COL	15.0	34.8	48.4	78.1	88.8	98.8	101.6	145.8	145.9	136.1	137.4	134.8	102.6	112.1
Enrollee-years	925.4	2116.3	2750.0	4079.7	4528.3	5304.4	5328.9	7260.7	7233.8	7097.0	7509.3	7654.5	5953.7	6754.4
Rate	16.3	16.4	17.6	19.1	19.6	18.6	19.1	20.1	20.2	19.2	18.3	17.6	17.2	16.6

Supplementary Table 1. Continued

	Calendar Year													
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
South														
COL	3.6	8.1	22.1	26.9	29.9	24.1	25.5	33.9	35.6	46.8	48.3	54.3	47.7	44.0
Enrollee-years	414.9	785.1	2056.8	2254.8	2385.3	1723.5	1776.9	2332.8	2368.3	3587.8	3847.6	4290.2	4009.0	3742.0
Rate	8.8	10.3	10.8	11.9	12.5	14.0	14.3	14.5	15.0	13.0	12.5	12.7	11.9	11.8

COL, colonoscopy.

^aWe summed the total number of months that individuals aged 20-49 were enrolled in their insurance plan in each calendar year. For example, patients who were enrolled for 8 months in the year 2001 (January 1, 2001 to December 31, 2001) contributed 8 months of “enrollee-time” during that year. Individual enrollee-time was counted in each calendar year without regard to enrollment in previous or subsequent years (ie, individuals could contribute enrollee-time across all calendar years).