

Evaluation of Alabama Medicaid's Plan First Program

Draft Interim Report: On-going Monitoring

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On-Going Monitoring of the Plan First Program

The average annual change between Demonstration Year 14 and Demonstration Year 20 was about an 8% decrease in enrollment and a 10% decrease in the portion of enrollees using services. (Table 1.1 and 1.2) During this period, there have been substantial changes in program structure and service delivery because of changes in Alabama Medicaid, specifically the most recent change to the Alabama Coordinated Health Networks (ACHN). Enrollment and utilization continue to vary across racial and age groups as well as geographic regions.

There were about 19,200 fewer SOBRA deliveries in Demonstration Year 20 compared to Demonstration Year 14, a decline of 62%. In Demonstration Year 14, 27.9% of women with SOBRA deliveries were enrolled in Plan First, compared to 20.6% in Demonstration Year 20. The low percentage for the most recent year most likely occurred due to changes in enrollment due CMS's maintenance of effort requirement as a result of the COVID 19 Public Health Emergency (PHE). Due to this requirement, women covered by Medicaid for maternity services continued maternity level coverage throughout the PHE. (Tables 1.3a and 1.3b).

The percentage of total visits to private providers declined from Demonstration Year 14 (28.0%) to Demonstration Year 20 (18.9%). The level of participation of private providers in Plan First varied across ACHN and Public Health regions over time (Tables 1.4a and 1.4b).

Table 2.1, trends in awareness of Plan First, is based on survey data. Awareness of Plan First among enrollees has consistently exceeded the target of 90% for most of the last 10 years. The percentage of those who are aware of Plan First and know that they are enrolled in program also has met the 85% target for much of the last decade.

Table 3.1 shows time trends in the use of services by Plan First service users over time. As noted above, there was an increase in the portion of women using case management or care coordination services in Demonstration Year 20. There was a continuing decline in the use of moderately effective hormone injections as birth control, and an increase in the use of oral contraceptives, along with a slight increase in the use of long-acting contraceptives and surgical procedures (Tables 3.1, 3.2a, and 3.2b). Tables 3.3a and 3.3b shows trends in contraceptive use by age. There were declines in use across all age groups between Demonstration Years 14 and Demonstration Years 20. As seen in Table 3.4, there has been an increase in care coordination between Demonstration Years 14 and 20.

Tables 4.1 shows time trends related to smoking cessation. The percent of women in Demonstration Year 20 who reported smoking was 22.9%, a decline from 28.6% in Demonstration Year 14. The percentage of women reporting being advised by their family Planning (FP) provider has increased over time. Reporting of out-of-pocket spending for Nicotine Replacement Therapy (NRT) has declined over time.

Birth rates for enrollees in Plan First trends downward over time. (Table 5.1) Table 6.1 shows an increase in the number of men enrolled in Plan First; however, there continues to be a very low percentage of men getting vasectomies.

Goal 1. Addressing Disparities in Enrollment

Table 1.1 Plan First Enrollment Over Time (Enrollment data)

	DY14	DY15	DY16	DY17	DY18	DY19	DY20	Average annual change	
								%	N
Total	148,060	128,473	131,287	119,420	116,683	103,040	90,318	-7.73%	-9624
Age									
19-29	102,469	86,147	86,487	75,783	69,550	55,886	47,911	-11.68%	-9093
30-39	34,982	32,566	34,524	33,612	36,189	35,622	31,337	-1.58%	-608
≥40	10,609	9,760	10,276	10,025	10,944	11,532	11,070	0.90%	77
Race									
Black	76,716	68,247	69,951	64,555	63,959	55,168	48,357	-7.21%	-4727
White	65,889	55,390	53,932	46,790	42,926	37,558	33,772	-10.44%	-5353
Hispanic	--	--	--	--	2,359	2,169	2,063	-2.16%	-148
Asian/Pacific Islander	--	--	--	--	607	470	421	-5.50%	-93
American Indian	--	--	--	--	374	317	305	-3.17%	-35
Other	5,455	4,836	7,404	8,075	6,458	7,599	7,044	6.86%	265
ACHN Regions									
Central	--	--	--	--	--	14,775	12,763	-13.62%	-2012
East	--	--	--	--	--	12,992	10,982	-15.47%	-2010
Gulf	--	--	--	--	--	19,254	16,929	-12.08%	-2325
Mid-state	--	--	--	--	--	14,943	13,459	-9.93%	-1484
Northeast	--	--	--	--	--	11,863	10,535	-11.19%	-1328
Northwest	--	--	--	--	--	14,187	12,542	-11.60%	-1645
Southeast	--	--	--	--	--	15,256	13,108	-14.08%	-2148
Public Health Area									
1	9,587	8,309	8,583	7,615	--	--	--	-7.10%	-493
2	19,530	16,845	17,149	15,343	--	--	--	-7.49%	-1047
3	9,144	8,161	8,233	7,285	--	--	--	-7.13%	-465
4	19,516	16,004	15,980	14,332	--	--	--	-9.49%	-1296
5	11,898	10,099	10,105	8,816	--	--	--	-9.27%	-771
6	11,466	10,251	10,422	9,327	--	--	--	-6.48%	-535
7	7,121	6,370	6,539	6,305	--	--	--	-3.82%	-204
8	20,959	18,312	19,173	17,511	--	--	--	-5.53%	-862
9	11,350	9,864	10,272	9,392	--	--	--	-5.84%	-490
10	10,724	9,737	10,050	9,433	--	--	--	-4.04%	-323
11	16,765	14,481	14,880	14,061	--	--	--	-5.46%	-676

Public Health District									
Northern	--	--	--	--	17,841	--	--		
Northeastern	--	--	--	--	15,007	--	--		
Jefferson	--	--	--	--	14,265	--	--		
East Central	--	--	--	--	18,737	--	--		
West Central	--	--	--	--	11,977	--	--		
Southeastern	--	--	--	--	13,334	--	--		
Southwestern	--	--	--	--	11,459	--	--		
Mobile	--	--	--	--	14,063	--	--		

Table 1.2. Trends in Plan First Service Use (Claims data)

	DY14	DY15	DY16	DY17	DY18	DY19	DY20	Average annual change	
								%	N
Total	68,199	58,009	59,775	49,929	39,076	35,146	34,154	-10.50%	-5674
Age									
19-29	52,334	43,132	43,834	35,579	27,142	22,533	21,025	-13.70%	-5218
30-39	12,856	12,801	13,007	11,667	9,677	9,985	10,275	-3.35%	-430
≥40	3,009	2,796	2,934	2,683	2,257	2,628	2,854	-0.26%	-26
Race									
Black	38,795	34,139	34,328	28,756	22,382	19,469	19,409	-10.53%	-3231
White	27,191	21,928	22,314	17,953	13,785	12,397	11,448	-13.01%	-2624
Hispanic	--	--	--	--	735	638	669	-4.17%	-33
Asian/Pacific Islander	--	--	--	--	134	96	100	-12.10%	-17
American Indian	--	--	--	--	112	108	106	-2.71%	-3
Other	2,213	1,942	3,133	3,220	1,928	2,472	2,422	6.32%	35
ACHN Regions									
Central	--	--	--	--	--	5,290	4,722	-10.74%	-568
East	--	--	--	--	--	4,904	4,400	-10.28%	-504
Gulf	--	--	--	--	--	6,679	6,521	-2.37%	-158
Mid-state	--	--	--	--	--	3,410	4,284	25.63%	874
Northeast	--	--	--	--	--	3,463	3,625	4.68%	162
Northwest	--	--	--	--	--	5,448	5,239	-3.84%	-209
Southeast	--	--	--	--	--	5,984	5,266	-12.00%	-718
Public Health Area									
1	5,079	4,230	4,652	3,693	--	--	--	-9.12%	-462
2	7,822	6,320	6,524	5,449	--	--	--	-10.82%	-791
3	4,628	3,996	4,139	3,080	--	--	--	-11.89%	-516
4	6,266	5,438	5,279	4,580	--	--	--	-9.79%	-562
5	5,050	4,182	4,421	3,626	--	--	--	-9.82%	-475
6	5,890	5,066	5,372	4,305	--	--	--	-9.27%	-358
7	4,515	3,967	3,972	3,594	--	--	--	-7.18%	-152
8	9,476	8,059	8,340	6,883	--	--	--	-9.65%	-488
9	5,987	5,055	4,999	4,339	--	--	--	-9.96%	-217
10	5,703	5,055	5,622	4,868	--	--	--	-4.52%	-253
11	7,783	6,641	6,455	5,512	--	--	--	-10.69%	-313
Public Health District									
Northern	--	--	--	--	5,573	--	--		
Northeastern	--	--	--	--	5,106	--	--		
Jefferson	--	--	--	--	3,527	--	--		
East Central	--	--	--	--	6,011	--	--		
West Central	--	--	--	--	4,227	--	--		
Southeastern	--	--	--	--	5,736	--	--		
Southwestern	--	--	--	--	4,705	--	--		
Mobile	--	--	--	--	4,191	--	--		

Table 1.3a. Plan First participation by women with recent Medicaid maternity care, by ACHN (Claims and Enrollment data)

	DY19	DY20
Total		
Women with SOBRA deliveries in the previous year and this year	34,978	30,556
Women enrolled in Plan First in DY	16,502	6,300
% of women enrolled in Plan First in DY	47.2	20.6
Women using services in Plan First in DY	4691	1908
% of Plan First enrollees using PF services in DY	28.4	30.3
% of women with SOBRA births using PF services in DY	13.4	6.2
Central		
Women with SOBRA deliveries in the previous year and this year	3,692	3,980
Women enrolled in Plan First in DY	1844	797
% of women enrolled in Plan First in DY	49.9	20.0
Women using services in Plan First in DY	585	244
% of Plan First enrollees using PF services in DY	31.7	30.6
% of women with SOBRA births using PF services in DY	15.8	6.1
East		
Women with SOBRA deliveries in the previous year and this year	5,024	4,191
Women enrolled in Plan First in DY	2,072	805
% of women enrolled in Plan First in DY	41.2	19.6
Women using services in Plan First in DY	592	240
% of Plan First enrollees using PF services in DY	28.6	29.8
% of women with SOBRA births using PF services in DY	11.8	5.8
Gulf		
Women with SOBRA deliveries in the previous year and this year	5,521	5,307
Women enrolled in Plan First in DY	2,923	1,316
% of women enrolled in Plan First in DY	52.9	24.8
Women using services in Plan First in DY	939	419
% of Plan First enrollees using PF services in DY	32.1	31.8
% of women with SOBRA births using PF services in DY	17.0	7.9
MidState		
Women with SOBRA deliveries in the previous year and this year	4,514	4,540
Women enrolled in Plan First in DY	2,234	877
% of women enrolled in Plan First in DY	49.5	19.3
Women using services in Plan First in DY	466	207
% of Plan First enrollees using PF services in DY	20.9	23.6
% of women with SOBRA births using PF services in DY	10.3	4.6
Northeast		
Women with SOBRA deliveries in the previous year and this year	5,936	4,349
Women enrolled in Plan First in DY	2,570	777
% of women enrolled in Plan First in DY	43.3	17.9
Women using services in Plan First in DY	671	226
% of Plan First enrollees using PF services in DY	26.1	29.1

	DY19	DY20
% of women with SOBRA births using PF services in DY	11.3	5.2
Northwest		
Women with SOBRA deliveries in the previous year and this year	5,284	4,110
Women enrolled in Plan First in DY	2,491	876
% of women enrolled in Plan First in DY	47.1	21.3
Women using services in Plan First in DY	721	278
% of Plan First enrollees using PF services in DY	28.9	31.7
% of women with SOBRA births using PF services in DY	13.6	6.8
Southeast		
Women with SOBRA deliveries in the previous year and this year	5,007	4,109
Women enrolled in Plan First in DY	2,368	850
% of women enrolled in Plan First in DY	47.3	20.7
Women using services in Plan First in DY	717	294
% of Plan First enrollees using PF services in DY	30.3	34.6
% of women with SOBRA births using PF services in DY	14.3	7.2

Table 1.3b. Plan First participation by women with recent Medicaid maternity care, by Maternity Care Program District

Maternity Care District	Demonstration Year (DY)				
	DY14	DY15	DY16	DY17	DY18
Total					
Women with SOBRA deliveries in the previous year and this year	49,760	38,575	36,978	34,934	32,095
Women with Plan First participation in DY	13,901	10,406	8,345	6,541	4,506
% of women with deliveries participating in Plan First	27.9%	27.0%	22.6%	18.7%	14.0%
District 1 (Colbert, Franklin, Lauderdale, Marion)					
Women with SOBRA deliveries in the previous year and this year	2,194	1,627	1,606	1,554	1,442
Women with Plan First participation in DY	684	493	431	332	220
% of women with deliveries participating in Plan First	31.2%	30.3%	26.8%	21.4%	15.3%
District 2 (Jackson, Lawrence, Limestone, Madison, Marshall, Morgan)					
Women with SOBRA deliveries in the previous year and this year	7,099	5,500	5,569	5,569	5,139
Women with Plan First participation in DY	1,658	1,242	1,043	842	585
% of women with deliveries participating in Plan First	23.4%	22.6%	18.7%	15.1%	11.4%
District 3 (Calhoun, Cherokee, Cleburne, DeKalb, Etowah)					
Women with SOBRA deliveries in the previous year and this year	3,686	2,934	2,817	2,679	2,550
Women with Plan First participation in DY	953	764	625	469	346
% of women with deliveries participating in Plan First	25.8%	26.0%	22.2%	17.5%	13.6%
District 4 (Bibb, Fayette, Lamar, Pickens, Tuscaloosa)					
Women with SOBRA deliveries in the previous year and this year	2,618	2,089	2,157	2,088	1,914
Women with Plan First participation in DY	731	550	515	379	255
% of women with deliveries participating in Plan First	27.9%	26.3%	23.9%	18.1%	13.3%
District 5 (Blount, Chilton, Cullman, Jefferson, St. Clair, Shelby, Walker, Winston)					
Women with SOBRA deliveries in the previous year and this year	10,797	8,353	7,249	6,838	6,513
Women with Plan First participation in DY	2,277	1,692	1,105	844	687
% of women with deliveries participating in Plan First	16.4%	20.3%	15.2%	12.3%	10.6%
District 6 (Clay, Coosa, Randolph, Talladega, Tallapoosa)					
Women with SOBRA deliveries in the previous year and this year	1,849	1,509	1,461	1,308	1,210
Women with Plan First participation in DY	550	445	425	244	160
% of women with deliveries participating in Plan First	29.7%	29.5%	29.1%	18.6%	13.2%

District 7 (Greene, Hale)					
Women with SOBRA deliveries in the previous year and this year	332	257	226	218	207
Women with Plan First participation in DY	122	93	38	51	32
% of women with deliveries participating in Plan First	36.7%	36.2%	16.8%	23.4%	15.5%
District 8 (Choctaw, Marengo, Sumter)					
Women with SOBRA deliveries in the previous year and this year	469	356	333	304	291
Women with Plan First participation in DY	172	131	108	78	58
% of women with deliveries participating in Plan First	36.7%	36.8%	32.4%	25.7%	19.9%
District 9 (Dallas, Perry, Wilcox)					
Women with SOBRA deliveries in the previous year and this year	838	541	554	518	415
Women with Plan First participation in DY	390	233	239	217	119
% of women with deliveries participating in Plan First	46.5%	43.1%	43.1%	41.9%	28.7%
District 10 (Autauga, Bullock, Butler, Crenshaw, Elmore, Lowndes, Montgomery, Pike)					
Women with SOBRA deliveries in the previous year and this year	5,062	4,019	3,770	3,334	2,924
Women with Plan First participation in DY	1,465	1,120	877	662	421
% of women with deliveries participating in Plan First	28.9%	27.9%	23.3%	19.9%	14.4%
District 11 (Barbour, Chambers, Lee, Macon, Russell)					
Women with SOBRA deliveries in the previous year and this year	2,783	2,125	2,094	2,039	1,889
Women with Plan First participation in DY	817	595	495	394	295
% of women with deliveries participating in Plan First	29.4%	28.0%	23.6%	19.3%	15.6%
District 12 (Baldwin, Clarke, Conecuh, Covington, Escambia, Monroe, Washington)					
Women with SOBRA deliveries in the previous year and this year	3,476	3,598	3,612	2,431	2,062
Women with Plan First participation in DY	1,209	644	1,410	568	341
% of women with deliveries participating in Plan First	34.8%	17.9%	39.0%	23.4%	16.5%
District 13 (Coffee, Dale, Geneva, Henry, Houston)					
Women with SOBRA deliveries in the previous year and this year	2,366	2,604	2,667	2,085	1,950
Women with Plan First participation in DY	880	494	1,029	492	337
% of women with deliveries participating in Plan First	37.2%	19.0%	38.6%	23.6%	17.3%
District 14 (Mobile)					
Women with SOBRA deliveries in the previous year and this year	5,156	5,424	5,454	3,969	3,589
Women with Plan First participation in DY	1,912	929	1,935	969	650
% of women with deliveries participating in Plan First	37.1%	17.1%	35.5%	24.4%	18.1%

Table 1.4a. Availability and visit volume for private providers, DY19 & DY20 (Claims data)

ACHN regions	# Private providers <i>serving clients residing in ACHN regions</i>		# Visits to Private Providers		Total # Visits		% Total Visits to Private Providers	
	DY 19	DY 20	DY 19	DY 20	DY 19	DY 20	DY 19	DY 20
Total	532	448	15269	16657	157577	88135	9.7	18.9
Central	77	65	2,004	2,200	25,883	12,160	7.7	18.1
East	77	58	1,221	1,374	23,865	11,700	5.1	11.7
Gulf	76	80	6,630	6,897	23,490	15,807	28.2	43.6
Mid-State	60	47	1,039	1,180	8,160	10,968	13.7	10.8
Northeast	97	71	1,840	2,209	13,336	8,248	12.7	26.8
Northwest	83	75	1,109	1,406	30,924	14,697	3.6	9.6
Southeast	62	52	1,426	1,391	31,919	14,555	4.1	9.6

Table 1.4b. Availability and visit volume for private providers, DY14-DY18 (Claims data)

PHA	# Private Providers					# Visits to Private Providers					% Total Visits to Private Providers				
	DY14	DY15	DY16	DY17	DY18	DY14	DY15	DY16	DY17	DY18	DY14	DY15	DY16	DY17	DY18
Total	693	933	960	944	866	41,295	34,413	29,929	24,289	17,748	28.0%	25.3%	24.9	25.1	31.3
1	49	66	63	70	67	1,278	1,407	1,216	980	772	15.2%	17.6%	17.1	17.3	21.8
2	98	166	178	170	136	3,176	4,336	3,915	3,203	2,439	28.6%	38.9%	40.7	37.7	44.9
3	26	29	47	53	49	756	897	901	850	856	9.3%	11.8%	14.4	17.8	30.1
4	65	101	83	77	78	1,492	2,180	1,703	1,417	968	17.5%	25.3%	22.2	21.9	24.4
5	46	59	58	55	43	862	987	812	726	399	10.6%	13.2%	12.2	13.1	14.0
6	55	72	75	71	68	1,730	1,889	1,770	1,321	954	17.7%	20.8%	22.3	21.5	25.2
7	37	45	45	42	37	1,906	2,092	1,927	1,719	701	24.1%	26.7%	27.6	26.2	22.7
8	97	129	133	134	116	9,179	8,509	7,353	5,291	3,860	18.4%	18.7%	17.8	17.0	22.4
9	86	102	99	103	100	5,147	3,725	3,137	2,744	1,871	48.9%	40.8%	39.4	39.8	43.3
10	42	56	63	61	64	916	795	720	618	448	9.1%	8.4%	8.4	8.7	11.8
11	92	111	116	108	108	14,853	7,596	6,475	5,420	4,480	99.7%	61.9%	63.6	67.7	77.2

Goal 2. Maintaining High Levels of Awareness of Plan First

Table 2.1. Awareness of Plan First program and program enrollment, DY1-DY20 (survey data)

	Had heard of Plan First before survey (%)	Aware of enrollment (%)	
		Among all surveyed	Among those who had heard of Plan First
DY1	76.8	56.2	73.1
DY2	82.5	64.2	77.9
DY3-4	81.0	64.9	80.2
DY5	85.3	63.6	74.9
DY6	86.8	70.2	82.5
DY7	92.9	80.8	87.1
DY8	88.9	85.3	85.9
DY9	90.8	79.7	87.8
DY10	88.7	78.3	88.2
DY11	90.1	79.3	88.1
DY12	88.7	77.2	87.0
DY13	89.9	79.9	88.9
DY14	90.1	74.9	83.2
DY15	92.6	78.8	85.0
DY16	91.1	77.6	85.2
DY17*	91.9	78.2	85.1
DY18	90.5	77.8	86.0
DY19	100.0	87.6	87.6
DY20	96.0	88.7	90.5

*Results for DY17 represent the average of those reported in DY15 and DY16, as a separate survey was not conducted for this reporting year.

Note: Reference the appendix for a summary of respondents' demographics

Goal 3. Increasing Family Planning Service Use among Plan First Enrollees

Table 3.1. Percent of Clinical Service Users Receiving Specified Services (Claims data), DY14-DY2020

	DY14	DY15	DY16	DY17	DY18	DY19	DY20
Care Coordination	37.6%	37.2%	29.6%	36.8%	38.4%	36.4%	43.7%
HIV Testing	24.0%	34.5%	30.1%	36.9%	23.4%	25.9%	26.5%
Pap Smear (over age 30)	--	--	--	--	--	17.5%	20.4%
Tubal ligation	0.8%	0.9%	0.8%	0.7%	0.4%	0.6%	0.7%
LARC	--	--	--	--	2.8%	3.2%	3.3%
Contraceptive injection	29.7%	30.8%	27.6%	37.4%	25.9%	23.0%	14.5%
Oral contraception	25.5%	20.7%	22.4%	29.7%	31.8%	30.5%	37.6%

Table 3.2a. Contraceptive use among women, DY14-DY19 (survey)

Use of Contraceptives	DY14	DY15	DY16	DY17*	DY18	DY19
N	1,070	1,080	1,070	2,150	770	808
Used any contraception, %	84.1	85.6	81.6	83.6	80.9	76.7
Used effective contraception, † %	75.8	81.3	74.5	76.6	74.5	72.1
<i>Of those using any contraceptive method:</i>						
Tubal ligation, %	5.3	5.0	9.7	7.3	3.3	2.8
Vasectomy, %	1.3	2.0	2.5	2.1	1.1	0.6
IUD, %	16.4	20.0	18.1	19.1	13.0	13.7
Contraceptive implant, %	15.1	15.6	15.7	15.7	8.8	9.6
Injectables, %	39.1	41.5	36.9	39.3	18.0	17.3
Oral contraceptive pills (OCs), %	58.0	53.5	53.3	53.4	26.1	22.2
Got OCs from Health Dept.	58.4	51.7	53.5	52.6	55.1	56.7
Got OCs from free sample	18.5	21.8	19.7	20.8	6.7	7.8
Got OCs from drug store	22.7	26.1	25.9	26.0	38.2	34.7
Don't know, not sure	0.4	0.4	0.9	0.6	0.0	0.7
Vaginal ring, %	8.5	7.6	7.9	7.7	2.6	2.5
Got ring from Health Dept.	46.7	47.1	34.8	41.0	41.2	62.5
Got ring from free sample	29.9	31.4	40.6	36.0	29.4	12.5
Got ring from drug store	20.8	21.4	23.2	22.3	29.4	25.0
Don't know, not sure	2.6	0.0	1.4	0.7	0.0	0.0
Patch, %	6.8	5.7	5.9	5.8	1.5	1.6
Got patch from Health Dept.	54.1	35.8	40.4	38.1	11.1	30.0
Got patch from free sample	24.6	26.4	30.8	28.6	22.2	0.0
Got patch from drug store	21.3	37.7	26.9	32.4	66.7	70.0
Don't know, not sure	0.2	0.0	1.9	1.0	0.0	0.0
Emergency contraception (ever used), %	9.3	7.8	7.4	7.6	0.0	7.7
Condoms, %	78.6	71.0	70.1	70.6	22.1	15.3
Withdrawal, %	50.3	51.0	48.2	49.6	2.8	3.9
Natural family planning, %	7.9	8.0	9.4	8.7	0.7	0.9

*Results for DY17 represent the average of those reported in DY15 and DY16, as a separate survey was not conducted for this reporting year. † Includes any respondent reporting use of tubal ligation, partner vasectomy, IUD, implant, injectable contraceptives, oral contraceptives, vaginal ring and/or contraceptive patch.

Table 3.2b. Contraceptive Use Among Enrolled Women, DY20 (survey)

	DY20
N	705
Received counseling or information about choices of birth control	64.7%
Received method of or prescription for birth control	64.2%
Currently using birth control	47.4%
Using the birth control desired	94.9%

Table 3.3a. Trends in Contraceptive use, by age, DY14-DY19 (survey)

	Age 19-24						Age 25-34						Age ≥35					
	DY14	DY15	DY16	DY17*	DY18	DY19	DY14	DY15	DY16	DY17*	DY18	DY19	DY14	DY15	DY16	DY17*	DY18	DY19
N	385	345	239	584	186	170	515	594	629	1,223	323	396	170	184	244	428	193	238
% Used any method	88.0	88.5	81.6	85.6	91.4	81.0	85.6	85.6	83.4	84.5	79.9	77.7	70.6	80.6	76.8	78.3	74.5	72.7
% Used effective method†	80.6	85.0	74.7	77.7	76.9	75.4	77.6	81.6	76.2	22.1	79.9	74.0	58.7	73.9	69.8	71.1	80.3	65.9
Tubal ligation	1.2	1.8	2.1	1.9	0.6	0	7.0	5.3	9.4	7.4	2.8	2.9	10.7	10.3	18.2	14.6	6.3	5.2
Vasectomy	0.3	0.3	0.0	0.2	0	0	1.8	2.2	1.2	1.7	1.2	1.0	2.5	4.8	6.6	5.8	2.1	0.6
IUD	11.5	14.8	9.6	12.7	8.3	15.1	21.5	24.9	20.5	22.6	14.9	14.6	11.6	13.7	20.4	17.4	14.7	16.2
Contraceptive implant	16.5	16.6	18.7	17.4	8.9	14.2	14.9	17.4	16.7	17.1	11.6	10.1	11.6	7.5	9.9	8.8	5.2	5.8
Injectable contraceptives	46.8	43.0	43.8	43.3	17.3	19.1	35.1	39.5	36.2	37.8	16.5	17.5	32.2	45.2	31.5	37.8	20.4	16.8
Oral contraceptive pills	58.5	55.3	50.3	53.3	33.9	28.4	58.8	53.6	54.3	54.0	23.7	22.1	53.7	50.0	53.6	51.8	22.0	19.1
Vaginal Ring	10.3	5.6	8.0	6.6	3.6	2.1	8.1	9.3	8.1	8.7	2.8	3.6	5.0	5.5	7.2	6.4	1.6	1.1
Contraceptive patch	6.5	3.5	4.3	3.8	2.4	0.7	7.9	6.7	6.3	6.5	1.2	2.3	3.3	6.8	6.6	6.7	1.0	1.1
Plan B	10.9	8.1	8.0	8.1	0	12.5	8.4	7.9	8.9	8.4	0	8.1	8.3	6.8	2.8	4.6	0	4.0
Condoms	81.5	72.2	74.3	73.0	22.0	14.9	79.2	71.5	69.7	70.6	22.1	1.3	68.6	67.1	66.8	67.1	22.5	17.3
Natural family planning	5.0	4.9	9.1	6.6	3.0	4.3	9.3	9.3	9.2	9.3	3.2	14.9	10.7	9.6	9.9	9.8	2.1	5.2
Withdrawal	59.1	59.1	56.7	58.2	0	0.7	47.7	49.8	47.6	48.7	0	3.2	34.7	39.0	40.9	40.2	2.1	0.6

*Results for DY17 represent the average of those reported in DY15 and DY16, as a separate survey was not conducted for this reporting year.

† Includes any respondent reporting use of tubal ligation, partner vasectomy, IUD, implant, injectable contraceptives, oral contraceptives, vaginal ring and/or contraceptive patch

Table 3.3b. Contraceptive use, by age, DY20

DY20	Age 19-24	Age 25-34	Age ≥35
% Used any method	52.5	44.5	50.2
% Used effective method	93.8	95.3	95.0

Table 3.4. Trends in Types of Services, by provider type, DY14-DY20

Service Type	Provider Type	DY14	DY15	DY16	DY17	DY18	DY19	DY20
Care Coordination	Health Department	52.5%	53.3%	50.3%	52.8%	53.7%	51.4%	--
	Private	11.6%	4.6%	3.5%	3.2%	2.6%	2.4%	--
	Both	60.6%	57.1%	52.1%	57.3%	50.1%	40.4%	--
	Neither	34.2%	33.4%	20.3%	31.9%	40.4%	37.3%	--
	Total with Service	25,654	21,559	13,258	18,360	14,989	12,836	14,930
	% All Clients	37.6%	37.2%	29.6%	36.8%	38.4%	36.4%	43.7%
HIV Counseling	Health Department	44.6%	61.7%	61.9%	64.0%	48.6%	50.6%	34.6%
	Private	1.7%	2.5%	2.4%	3.5%	2.3%	2.3%	1.1%
	Both	37.1%	56.1%	57.2%	62.3%	34.9%	34.3%	47.2%
	Neither	6.8%	8.1%	8.5%	14.5%	8.3%	12.0%	0.0%
	Total with Service	16,391	20,042	13,464	18,432	9,146	9,131	8,935
	% All Clients	24.0%	34.5%	30.1%	36.9%	23.4%	25.9%	26.5%
Tubal Ligations	Health Department	0.2%	0.1%	0.2%	0.1%	0.1%	0.1%	0%
	Private	1.0%	1.2%	1.0%	1.2%	0.8%	1.2%	3.1%
	Both	6.3%	5.8%	4.8%	5.0%	3.0%	3.8%	2.1%
	Neither	1.5%	1.7%	1.0%	1.0%	0.5%	0.8%	0%
	Total with Service	564	515	340	345	173	220	249
	% All Clients	0.8%	0.9%	0.8%	0.7%	0.4%	0.6%	0.7%
Depo Provera	Health Department	40.6%	42.2%	44.4%	38.6%	41.4%	38.6%	9.8%
	Private	37.3%	38.1%	39.1%	41.1%	42.9%	36.4%	26.5%
	Both	42.2%	45.0%	47.4%	48.1%	67.5%	52.4%	22.2%
	Neither	0%	0%	0%	0%	0%	0%	15.0%*
	Total with Service	20,257	17,895	12,374	13,666	10,107	8,093	4870
	% All Clients	29.7%	30.8%	27.6%	37.4%	25.9%	23.0%	14.5%
Birth Control Pills	Health Department	28.5%	36.6%	36.5%	39.6%	37.1%	35.9%	33.4%
	Private	18.0%	1.4%	8.5%	12.2%	19.4%	17.6%	23.7%
	Both	24.8%	29.2%	28.7%	34.0%	22.0%	30.0%	33.6%
	Neither	27.7%	6.3%	14.2%	25.3%	33.2%	31.1%	85.5%*
	Total with Service	17,406	12,036	10,029	14,835	12,427	10,719	12,650
	% All Clients	25.5%	20.7%	22.4%	29.7%	31.8%	30.5%	37.6%

*Indicates "Pharmacy only" for DY

Goal 4. Increasing Use of Smoking Cessation Modalities

Table 4.1 Smoking cessation based on enrollee survey data, DY14-DY20

	DY14 N (%)	DY15 N (%)	DY16 N (%)	DY17* N (%)	DY18 N (%)	DY19 N (%)	DY20 N (%)
Reported Smoking	283 (28.6)	269 (25.8)	265 (26.1)	534 (26.0)	190 (24.2)	179 (22.8)	156 (22.9)
Asked about smoking at FP visit	265 (93.6)	248 (92.2)	240 (90.6)	488 (91.4)	174 (91.6)	160 (89.4)	153 (93.9)
Advised to quit by FP provider	212 (80.0)	205 (82.7)	197 (82.1)	402 (82.4)	133 (76.4)	124 (69.3)	128 (82.1)
Received NRT	111 (41.9)	121 (48.8)	112 (46.7)	233 (47.7)	76 (43.7)	87 (48.6)	84 (53.8)
Referred to Quit Line	110 (41.5)	132 (53.2)	133 (55.4)	265 (54.3)	88 (50.6)	76 (42.4)	44 (28.2)
Received either NRT or Quit Line referral	149 (56.2)	158 (63.7)	158 (65.8)	316 (64.7)	113 (64.9)	107 (59.7)	44 (12.9)
Paid out of pocket for NRT products	--	30 (12.1)	27 (11.2)	57 (11.7)	25 (14.4)	22 (12.2)	15 (9.6)

-- Not asked in Enrollee Survey

* Results for DY17 represent the average of those reported in DY15 and DY16, as a separate survey was not conducted for this reporting year.

Table 4.2. Smoking cessation based on claims and Quit Line data, DY14-DY20

	DY14 (baseline)	DY15	DY16 N (%)	DY17 N (%)	DY18 N (%)	DY19 N (%)	DY20 N (%)
Number of service users	68,993	63,075	62,608	52,359	39,196	35,180	34,154
Estimated number of smokers	19,732	16,273	16,341	13,613	9,485	8,021	7,787
Number receiving NRT (paid claim)	442	527	39	167	715	63	38
Number receiving Quit Line referral from care coordinator	692	124*	93	155	99	N/A	N/A
*Vendor did not begin tracking referrals until early calendar year 2015							

Goal 5. Maintaining Low Birth Rates among Plan First Service Users

Table 5.1 Estimated and actual birth rates to women enrolled in Plan First (Claims data)

	Estimated birth rate if fertility rates continued at pre-waiver levels*	Actual birth rates <u>all enrollees</u> – pregnancies starting during DY	Actual birth rates <u>service users</u> – pregnancies starting during DY	Actual birth rates <u>non-service users</u> – pregnancies starting during DY
DY1	189.8	60.0	47.8	72.3
DY2	200.7	87.5	54.3	118.9
DY3	204.7	96.6	56.5	131.1
DY4	205.9	92.0	56.2	122.9
DY5	202.6	98.3	58.6	121.7
DY6	224.1	81.8	31.1	105.4
DY7	215.0	57.2	44.0	69.7
DY8	214.8	75.7	65.0	86.6
DY9	127.1	59.1	43.3	78.2
DY10	202.3	69.1	60.8	97.0
DY11	200.1	73.3	58.3	92.6
DY12	180.1	77.3	60.8	97.0
DY13	199.9	84.0	72.5	88.6
DY14	203.1	72.4	58.3	84.9
DY15	196.7	62.7	61.0	63.9
DY16	182.4	60.9	63.1	59.0
DY17	176.9	46.4	34.5	53.6
DY18	160.2	42.4	40.8	43.1
DY19	159.6	51.0	49.0	52.1

*Adjusted for age and race

Goal 6. Increase Male Enrollment and Vasectomy Service Use

Table 6.1. Percentage of Men Enrolled Who Obtained a Vasectomy through Plan First (Claims and Enrollment data)

	DY15 (10/14-9/15)	DY16	DY17	DY18	DY19	DY20
Number of men enrolled	n/a	823	1241	1159	1500	1647
Number obtaining vasectomy	0	14	29	34	14	11
% enrolled obtaining vasectomy	--	1.7%	2.3%	2.9%	0.9%	0.7%

n/a – information on gender was not included in the enrollment files
 Services began in DY15

Appendix: Demographics of Survey Respondents

Table A.1. Demographic composition of survey respondents

	DY14	DY15	DY16	DY17*	DY18	DY19	DY20
Total number of respondents	N=1,107	N=1,125	N=1,112	N=2,237	N=819	N=808‡	N=754
	n (%)	n (%)	n (%)	n (%)	n (%)	n (%)	n (%)
Age (years)							
19	22 (2.0)	5 (0.4)	8 (0.7)	13 (0.6)	19 (2.3)	4 (0.5)	0
20 – 29	704 (63.6)	702 (62.4)	602 (54.1)	1,304 (58.3)	367 (44.8)	368 (45.5)	289 (38.2)
30 – 39	306 (27.6)	368 (32.7)	411 (37.0)	779 (34.8)	265 (32.4)	326 (40.3)	319 (42.2)
40+	75 (6.8)	48 (4.3)	86 (7.7)	136 (6.1)	166 (20.3)	110 (13.6)	148 (19.6)
Not answered ¹	0	2 (0.2)	5 (0.4)	5 (0.2)	2 (0.2)	0	0
Race							
Black	565 (51.0)	570 (50.7)	571 (51.3)	1,137 (50.8)	483 (59.0)	432 (58.3)	438 (58.1)
White	493 (44.5)	503 (44.7)	460 (41.4)	963 (43.0)	280 (34.2)	269 (36.3)	272 (36.1)
American Indian	2 (0.2)	13 (1.2)	7 (0.6)	13 (0.6)	11 (1.3)	9 (1.2)	6 (0.8)
Asian/Pacific Islander	9 (0.8)	6 (5.3)	5(0.4)	9 (0.4)	4 (0.5)	4 (0.5)	3 (0.4)
Other	32 (2.9)	29 (2.6)	63 (5.7)	105 (4.7)	34 (4.1)	24 (3.2)	25 (3.3)
Don't know/Refused	6 (0.6)	4 (0.4)	6 (0.5)	0 (0)	7 (0.8)	3 (0.3)	10 (1.3)
Hispanic							
Yes	36 (3.2)	34 (3.0)	45 (4.1)	79 (3.5)	31 (3.8)	26 (3.5)	24 (3.2)
No	1,070 (96.7)	1,091 (97.0)	1,064 (95.7)	2,155 (96.3)	785 (96.1)	713 (96.2)	720 (95.5)
Not Answered ¹	1 (0.1)	--	3 (0.3)	3 (0.2)	1 (0.1)	2 (0.3)	10 (1.3)
Marital status							
Single	672 (60.7)	679 (60.4)	627 (56.4)	1,306 (58.4)	349 (42.9)	286 (38.6)	336 (44.6)
Non-cohabiting	--	--	--	--	154 (18.9)	133 (17.9)	95 (12.6)
Married/cohabiting	241 (21.8)	272 (24.2)	305 (27.4)	577 (25.8)	251 (30.9)	260 (35.1)	213 (28.2)
Previously married	189 (17.1)	172 (15.3)	177 (15.9)	349 (15.6)	59 (7.3)	54 (7.3)	49 (6.5)
Don't know/Refused	5 (0.5)	0 (0.2)	3 (0.3)	5 (0.2)	0	8 (1.0)	61 (8.1)
Education							

Less than high school	77 (6.9)	80 (7.1)	86 (7.7)	166 (7.4)	58 (7.1)	49 (6.1)	60 (8.0)
High school or GED	395 (35.7)	413 (36.7)	421 (37.9)	834 (37.3)	292 (35.6)	275 (37.1)	290 (38.5)
More than high school	633 (57.2)	631 (56.1)	603 (54.2)	1,234 (55.2)	465 (56.8)	415 (55.9)	369 (49.0)
Not answered	2 (0.2)	0	2 (0.2)	3 (0.1)	4 (0.5)	2 (0.3)	35 (4.6)
Ever pregnant							
Yes	823 (78.0)	934 (86.5)	988 (88.8)	1,922 (85.9)	667 (81.6)	589 (79.4)	589 (83.9)
No	229 (21.7)	142 (13.4)	124 (11.2)	226 (10.1)	149 (18.2)	151 (20.4)	113 (16.1)

*Results for DY17 represent the average of those reported in DY15 and DY16, as a separate survey was not conducted for this reporting year.

¹ Due to an error in the skip patterns for the survey administration, age, race and education were not asked for women responding that they had never been pregnant.

‡ Note, 67 respondents did not complete the demographic questions.