#### The CONTENTS Procedure

Data Set Name	DATA.ANALYSIS_DATASET	Observations	14346977
Member Type	DATA	Variables	37
Engine	V9	Indexes	0
Created	04/24/2023 17:15:01	Observation Length	312
Last Modified	04/24/2023 17:15:01	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information				
Data Set Page Size	65536			
Number of Data Set Pages	68646			
First Data Page	1			
Max Obs per Page	209			
Obs in First Data Page	191			
Number of Data Set Repairs	0			
ExtendObsCounter	YES			
Filename	S:\FHPC\DATA\HCPF_Data_files_SECURE\Kim\isp\isp_utilization\data\analysis_dataset.sas7bdat			
Release Created	9.0401M7			
Host Created	X64_10PRO			
Owner Name	UNIVERSITY\wigginki			
File Size	4GB			
File Size (bytes)	4498849792			

#### The CONTENTS Procedure

	Variables in Creation Order							
#	Variable	Туре	Len	Format	Informat	Label		
1	mcaid_id	Char	11	\$255.	\$255.	MCAID_ID		
2	age	Num	8	AGE_CAT		Age (cat)		
3	sex	Char	3	\$GNDR_CD.	\$255.	Sex (M, F)		
4	race	Char	7	\$RACE_RC	\$255.	Race		
5	rae_person_new	Num	8	BEST12.	BEST32.	RAE ID		
6	budget_grp_new	Char	22			Budget Group		
7	time	Num	8			Quarters 1-12 (FY19-21)		
8	pcmp_loc_id	Num	8			PCMP attr qrtr logic		
9	int	Num	8			ISP: Time-Invariant		
10	int_imp	Num	8			ISP: Time-Varying		
11	bh_er2016	Num	8			Indicator: BH ER 2016 n>0		
12	bh_er2017	Num	8			Indicator: BH ER 2017 n>0		
13	bh_er2018	Num	8			Indicator: BH ER 2018 n>0		
14	bh_hosp2016	Num	8			Indicator: BH Hosp 2016 n>0		
15	bh_hosp2017	Num	8			Indicator: BH Hosp 2017 n>0		
16	bh_hosp2018	Num	8			Indicator: BH Hosp 2018 n>0		
17	bh_oth2016	Num	8			Indicator: BH Other 2016 n>0		
18	bh_oth2017	Num	8			Indicator: BH Other 2017 n>0		
19	bh_oth2018	Num	8			Indicator: BH Other 2018 n>0		
20	adj_pd_total_16cat	Num	8			Adj FFS total, 2016 Categorical		
21	adj_pd_total_17cat	Num	8			Adj FFS total, 2017: Categorical		
22	adj_pd_total_18cat	Num	8			Adj FFS total, 2018: Categorical		
23	cost_rx_tc	Num	8			Cost FFS Rx: top-coded infl-adj qrtr avg		
24	cost_ffs_tc	Num	8			Cost FFS total: top-coded infl-adj qrtr avg		
25	cost_pc_tc	Num	8			Cost FFS Primary Care: top-coded infl-adj qrtr avg		
26	util_pc	Num	8			Visits: Primary Care (qrtr, mu)		
27	util_tele	Num	8			Visits: Telehealth (qrtr, mu)		
28	util_er	Num	8			Visits: ER, FFS+Capd (qrtr, mu)		
29	util_bh_o	Num	8			Visits: BH Other (qrtr, mu)		
30	ind_cost_rx	Num	8			Indicator, Cost: Rx > 0		
31	ind_cost_ffs	Num	8			Indicator, Cost: FFS Total > 0		
32	ind_cost_pc	Num	8			Indicator, Cost: Primary Care > 0		
33	ind_util_pc	Num	8			Indicator, Util: PC n > 0		
34	ind_util_er	Num	8			Indicator, Util: ER (Cap+FFS) n > 0		
35	ind_util_bh_o	Num	8			Indicator, Util: BH Other n > 0		

#### The CONTENTS Procedure

Variables in Creation Order							
#	# Variable Type Len Format Informat Label						
36	ind_util_tel	Num	8			Indicator, Util: Telehealth n > 0	
37	fqhc	Num	8			FQHC (FQHC IHS RHS), Binary	

Frequencies for categorical variables by Intervention (non-varying)

1594066

13:01 Monday, April 24, 2023 **5** 

## **Unique PCMP count by Intervention Status (Non-Varying)**

n_pcmp	ISP: Time-Invariant
952	0
101	1

	Age (cat)								
age	Count	Pct	Cumulative Count	Cumulative Percent					
1	1,855,503	12.933058999	1,855,503	12.933058999					
2	1,640,582	11.435036106	3,496,085	24.368095105					
3	1,657,395	11.552224556	5,153,480	35.92031966					
4	1,451,224	10.11519012	6,604,704	46.03550978					
5	5,254,858	36.626935416	11,859,562	82.662445197					
6	2,487,415	17.337554803	14,346,977	100					

Sex (M, F)						
sex Count Pct Count Percen						
Female	7,602,657	52.991351418	7,602,657	52.991351418		
Male	6,744,320	47.008648582	14,346,977	100		

Race						
race	Count	Pct	Cumulative Count	Cumulative Percent		
Unknown Race/Ethnicity	231,805	1.6157062216	231,805	1.6157062216		
Hispanic/Latino	4,391,176	30.606977344	4,622,981	32.222683566		
non-Hispanic White/Caucasian	5,782,600	40.305354919	10,405,581	72.528038485		
non-Hispanic Black/African American	955,207	6.6578973396	11,360,788	79.185935825		
non-Hispanic Other	2,248,511	15.672367775	13,609,299	94.858303599		
non-Hispanic Other People of Color	737,678	5.1416964006	14,346,977	100		

RAE ID								
rae_person_new	Count	Pct	Cumulative Count	Cumulative Percent				
1	1,976,264	13.774776387	1,976,264	13.774776387				
2	1,207,384	8.415598631	3,183,648	22.190375018				
3	3,945,086	27.497681219	7,128,734	49.688056237				
4	1,605,568	11.190984693	8,734,302	60.87904093				
5	1,389,729	9.6865632391	10,124,031	70.565604169				
6	1,867,551	13.017034878	11,991,582	83.582639047				
7	2,355,395	16.417360953	14,346,977	100				

Budget Group							
budget_grp_new	Count	Pct	Cumulative Count	Cumulative Percent			
Disabled	976,629	6.8072110243	976,629	6.8072110243			
Foster Care	241,095	1.6804585384	1,217,724	8.4876695627			
MAGI 69 - 133% FPL	4,986,615	34.757252347	6,204,339	43.244921909			
MAGI Eligible Children	5,860,819	40.85054991	12,065,158	84.09547182			
MAGI TO 68% FPL	2,065,319	14.395499484	14,130,477	98.490971304			
Other	216,500	1.5090286964	14,346,977	100			

	Quarters 1-12 (FY19-21)								
time	Count	Pct	Cumulative Count	Cumulative Percent					
1	1,060,291	7.3903443213	1,060,291	7.3903443213					
2	1,055,310	7.3556262061	2,115,601	14.745970527					
3	1,053,835	7.3453452947	3,169,436	22.091315822					
4	1,080,003	7.5277391188	4,249,439	29.619054941					
5	1,130,315	7.8784192656	5,379,754	37.497474207					
6	1,185,250	8.2613222284	6,565,004	45.758796435					
7	1,227,311	8.554492002	7,792,315	54.313288437					
8	1,254,665	8.745152376	9,046,980	63.058440813					
9	1,281,606	8.9329340948	10,328,586	71.991374908					
10	1,308,259	9.118708422	11,636,845	81.11008333					
11	1,340,309	9.3421004299	12,977,154	90.45218376					
12	1,369,823	9.5478162403	14,346,977	100					

ISP: Time-Varying					
int_imp	Count	Pct	Cumulative Count	Cumulative Percent	
0	13,184,296	91.895986172	13,184,296	91.895986172	
1	1,162,681	8.1040138281	14,346,977	100	

Adj FFS total, 2016 Categorical					
adj_pd_total_16cat Count Pct Cumulative Cumulative Pct Count Pct					
-1	4,469,035	31.149663096	4,469,035	31.149663096	
0	2,207,180	15.384286181	6,676,215	46.533949277	
1	3,648,115	25.427760845	10,324,330	71.961710122	
2	2,132,038	14.860538217	12,456,368	86.822248338	

Adj FFS total, 2016 Categorical					
adj_pd_total_16cat Count Pct Cumulative Cumulative Percer					
3	1,249,145	8.7066773718	13,705,513	95.52892571	
4	386,530	2.6941564066	14,092,043	98.223082117	
5	254,934	1.7769178831	14,346,977	100	

Adj FFS total, 2017: Categorical					
adj_pd_total_17cat	Count	Pct	Cumulative Count	Cumulative Percent	
-1	3,558,743	24.804828223	3,558,743	24.804828223	
0	2,606,748	18.169318875	6,165,491	42.974147097	
1	3,958,530	27.59138737	10,124,021	70.565534468	
2	2,250,029	15.682948401	12,374,050	86.248482869	
3	1,309,543	9.1276580425	13,683,593	95.376140911	
4	398,215	2.7756021356	14,081,808	98.151743047	
5	265,169	1.8482569534	14,346,977	100	

Adj FFS total, 2018: Categorical					
adj_pd_total_18cat	Count	Pct	Cumulative Count	Cumulative Percent	
-1	2,632,037	18.345585973	2,632,037	18.345585973	
0	2,866,601	19.980522726	5,498,638	38.326108699	
1	4,333,020	30.201623659	9,831,658	68.527732358	
2	2,421,146	16.87565262	12,252,804	85.403384978	
3	1,398,752	9.7494545367	13,651,556	95.152839515	
4	415,467	2.8958504638	14,067,023	98.048689978	
5	279,954	1.9513100216	14,346,977	100	

Indicator: BH ER 2016 n>0					
bh_er2016 Count Pct Count Percer					
0	14,259,344	99.389188398	14,259,344	99.389188398	
1	87,633	0.6108116016	14,346,977	100	

Indicator: BH ER 2017 n>0					
bh_er2017 Count Pct Cumulative Cumulative Perce					
0	14,261,756	99.406000302	14,261,756	99.406000302	
1	85,221	0.5939996976	14,346,977	100	

Indicator: BH ER 2018 n>0						
bh_er2018	Count	Pct	Cumulative Count	Cumulative Percent		
0	14,244,054	99.282615425	14,244,054	99.282615425		
1	102,923	0.7173845752	14,346,977	100		

Indicator: BH Hosp 2016 n>0					
bh_hosp2016	Count	Pct	Cumulative Count	Cumulative Percent	
0	14,306,945	99.720972578	14,306,945	99.720972578	
1	40,032	0.2790274216	14,346,977	100	

Indicator: BH Hosp 2017 n>0						
bh_hosp2017 Count Pct Cumulative Cumulative Percen						
0	14,323,655	99.837443107	14,323,655	99.837443107		
1	23,322	0.1625568926	14,346,977	100		

Indicator: BH Hosp 2018 n>0					
bh_hosp2018 Count Pct Cumulative Cumula Pct Count Perc					
0	14,292,317	99.619013817	14,292,317	99.619013817	
1	54,660	0.3809861827	14,346,977	100	

Indicator: BH Other 2016 n>0						
bh_oth2016 Count Pct Cumulative Cumulative Percei						
0	13,200,829	92.011222991	13,200,829	92.011222991		
1	1,146,148	7.9887770086	14,346,977	100		

Indicator: BH Other 2017 n>0				
bh_oth2017 Count Pct Count Perce				
0	13,104,639	91.340768163	13,104,639	91.340768163
1	1,242,338	8.6592318368	14,346,977	100

Indicator: BH Other 2018 n>0					
bh_oth2018 Count Pct Count Percei					
0	12,743,055	88.820488107	12,743,055	88.820488107	
1	1,603,922	11.179511893	14,346,977	100	

Indicator, Cost: Rx > 0					
ind_cost_rx	Count	Cumulative Count	Cumulative Percent		
0	10,028,476	69.89957536	10,028,476	69.89957536	
1	4,318,501	30.10042464	14,346,977	100	

Indicator, Cost: FFS Total > 0					
ind_cost_ffs					
0	6,717,769	46.823585205	6,717,769	46.823585205	
1	7,629,208	53.176414795	14,346,977	100	

Indicator, Cost: Primary Care > 0					
ind_cost_pc					
0	9,165,630	63.8854443	9,165,630	63.8854443	
1	5,181,347	36.1145557	14,346,977	100	

Indicator, Util: PC n > 0					
ind_util_pc					
0	9,079,244	63.283324424	9,079,244	63.283324424	
1	5,267,733	36.716675576	14,346,977	100	

Indicator, Util: ER (Cap+FFS) n > 0					
ind_util_er Count Pct Count Perce					
0	12,918,364	90.042411025	12,918,364	90.042411025	
1	1,428,613	9.957588975	14,346,977	100	

Indicator, Util: BH Other n > 0					
ind_util_bh_o Count Pct Count Perce					
0	13,296,492	92.678004572	13,296,492	92.678004572	
1	1,050,485	7.321995428	14,346,977	100	

Indicator, Util: Telehealth n > 0					
ind_util_tel Count Pct Count Percer					
0	13,622,674	94.951528813	13,622,674	94.951528813	
1	724,303	5.0484711866	14,346,977	100	

FQHC (FQHC IHS RHS), Binary					
fqhc	Count	Pct	Cumulative Count	Cumulative Percent	
0	8,503,970	59.273601679	8,503,970	59.273601679	
1	5,843,007	40.726398321	14,346,977	100	

Frequency Percent Row Pct Col Pct

	Table of age by int					
age(Age	int(ISP: Time-Invariant)					
(cat))	0	1	Total			
1	1599359 11.15 86.20 12.73	256144 1.79 13.80 14.34	1855503 12.93			
2	1421471 9.91 86.64 11.32	219111 1.53 13.36 12.27	1640582 11.44			
3	1441608 10.05 86.98 11.48	215787 1.50 13.02 12.08	1657395 11.55			
4	1271819 8.86 87.64 10.13	179405 1.25 12.36 10.05	1451224 10.12			
5	4637544 32.32 88.25 36.92	617314 4.30 11.75 34.57	5254858 36.63			
6	2189283 15.26 88.01 17.43	298132 2.08 11.99 16.69	2487415 17.34			
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00			

Table of sex by int						
sex(Sex	int(ISF	int(ISP: Time-Invariant)				
(M, F))	0	1	Total			
Female	6706472 46.74 88.21 53.39	896185 6.25 11.79 50.18	7602657 52.99			
Male	5854612 40.81 86.81 46.61	889708 6.20 13.19 49.82	6744320 47.01			
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00			

Frequency Percent Row Pct Col Pct

Table of race by int					
	int(ISP: Time-Invariant)				
race(Race)	Race) 0 1		Race) 0 1		Total
Unknown Race/Ethnicity	200024 1.39 86.29 1.59	31781 0.22 13.71 1.78	231805 1.62		
Hispanic/Latino	3895719 27.15 88.72 31.01	495457 3.45 11.28 27.74	4391176 30.61		
non-Hispanic White/Caucasian	5047922 35.18 87.30 40.19	734678 5.12 12.70 41.14	5782600 40.31		
non-Hispanic Black/African American	826726 5.76 86.55 6.58	128481 0.90 13.45 7.19	955207 6.66		
non-Hispanic Other	1949219 13.59 86.69 15.52	299292 2.09 13.31 16.76	2248511 15.67		
non-Hispanic Other People of Color	641474 4.47 86.96 5.11	96204 0.67 13.04 5.39	737678 5.14		
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00		

Table of rae_person_new by int			
rae person new(RAE	int(ISP: Time-Invariant)		
ID)	0	1	Total
1	1806281 12.59 91.40 14.38	169983 1.18 8.60 9.52	1976264 13.77
2	1175252 8.19 97.34 9.36	32132 0.22 2.66 1.80	1207384 8.42
3	3259559 22.72 82.62 25.95	685527 4.78 17.38 38.39	3945086 27.50
4	1328224 9.26 82.73 10.57	277344 1.93 17.27 15.53	1605568 11.19
5	1242375 8.66 89.40 9.89	147354 1.03 10.60 8.25	1389729 9.69

Frequency Percent Row Pct Col Pct

Table of rae_person_new by int			
rae_person_new(RAE	int(ISP: Time-Invariant)		
ID)	0	1	Total
6	1617949 11.28 86.63 12.88	249602 1.74 13.37 13.98	1867551 13.02
7	2131444 14.86 90.49 16.97	223951 1.56 9.51 12.54	2355395 16.42
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Table of budget_grp_new by int			
budget grp new(Budget	int(ISP: Time-Invariant)		
Group)	0	1	Total
Disabled	854809 5.96 87.53 6.81	121820 0.85 12.47 6.82	976629 6.81
Foster Care	208758 1.46 86.59 1.66	32337 0.23 13.41 1.81	241095 1.68
MAGI 69 - 133% FPL	4389006 30.59 88.02 34.94	597609 4.17 11.98 33.46	4986615 34.76
MAGI Eligible Children	5084275 35.44 86.75 40.48	776544 5.41 13.25 43.48	5860819 40.85
MAGI TO 68% FPL	1827312 12.74 88.48 14.55	238007 1.66 11.52 13.33	2065319 14.40
Other	196924 1.37 90.96 1.57	19576 0.14 9.04 1.10	216500 1.51
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Table of time by int				
time(Quarters	int(ISP: Time-Invariant)			
1-12 (FY19-21))	0	1	Total	
1	929814 6.48 87.69 7.40	130477 0.91 12.31 7.31	1060291 7.39	
2	928840 6.47 88.02 7.39	126470 0.88 11.98 7.08	1055310 7.36	
3	927779 6.47 88.04 7.39	126056 0.88 11.96 7.06	1053835 7.35	
4	948667 6.61 87.84 7.55	131336 0.92 12.16 7.35	1080003 7.53	
5	994603 6.93 87.99 7.92	135712 0.95 12.01 7.60	1130315 7.88	
6	1041983 7.26 87.91 8.30	143267 1.00 12.09 8.02	1185250 8.26	
7	1074027 7.49 87.51 8.55	153284 1.07 12.49 8.58	1227311 8.55	
8	1095528 7.64 87.32 8.72	159137 1.11 12.68 8.91	1254665 8.75	
9	1119220 7.80 87.33 8.91	162386 1.13 12.67 9.09	1281606 8.93	
10	1142819 7.97 87.35 9.10	165440 1.15 12.65 9.26	1308259 9.12	
11	1167744 8.14 87.12 9.30	172565 1.20 12.88 9.66	1340309 9.34	
12	1190060 8.29 86.88 9.47	179763 1.25 13.12 10.07	1369823 9.55	
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00	

Frequency Percent Row Pct Col Pct

Table of int_imp by int				
int imp(ISP:	int(ISP: Time-Invariant)			
Time-Varying)	0	1	Total	
0	1.256E7 87.55 95.27 100.00	623212 4.34 4.73 34.90	1.318E7 91.90	
1	0 0.00 0.00 0.00	1162681 8.10 100.00 65.10	1162681 8.10	
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00	

Table of adj_pd_total_16cat by int			
adj_pd_total_16cat(Adj FFS total,	int(ISF	P: Time-Inva	ariant)
2016 Categorical)	0	1	Total
-1	3884214 27.07 86.91 30.92	584821 4.08 13.09 32.75	4469035 31.15
0	1927162 13.43 87.31 15.34	280018 1.95 12.69 15.68	2207180 15.38
1	3201454 22.31 87.76 25.49	446661 3.11 12.24 25.01	3648115 25.43
2	1883633 13.13 88.35 15.00	248405 1.73 11.65 13.91	2132038 14.86
3	1104247 7.70 88.40 8.79	144898 1.01 11.60 8.11	1249145 8.71
4	339345 2.37 87.79 2.70	47185 0.33 12.21 2.64	386530 2.69
5	221029 1.54 86.70 1.76	33905 0.24 13.30 1.90	254934 1.78
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Table of adj_pd_total_17cat by int				
adj pd total 17cat(Adj	int/ISF	int(ISP: Time-Invariant)		
FFS total, 2017:	· '		·	
Categorical)	0	1	Total	
-1	3090958	467785	3558743	
	21.54 86.86	3.26 13.14	24.80	
	24.61	26.19		
0	2269142	337606	2606748	
	15.82	2.35	18.17	
	87.05 18.06	12.95 18.90		
	10.00	10.30		
1	3464385	494145	3958530	
	24.15 87.52	3.44 12.48	27.59	
	27.58	27.67		
2	1007533	252507	2250020	
	1997522 13.92	252507 1.76	2250029 15.68	
	88.78	11.22	.5.55	
	15.90	14.14		
3	1160188	149355	1309543	
	8.09	1.04	9.13	
	88.59 9.24	11.41 8.36		
4	348450	49765	398215	
	2.43 87.50	0.35 12.50	2.78	
	2.77	2.79		
5	230439	34730	265169	
	1.61	0.24	1.85	
	86.90 1.83	13.10 1.94		
	1.03	1.94		
Total	1.256E7	1785893	1.435E7	
	87.55	12.45	100.00	

Frequency Percent Row Pct Col Pct

Table of adj_pd_total_18cat by int			
adj_pd_total_18cat(Adj FFS total, 2018:	int(ISF	P: Time-Inva	ariant)
Categorical)	0	1	Total
-1	2290996 15.97 87.04 18.24	341041 2.38 12.96 19.10	2632037 18.35
0	2492154 17.37 86.94 19.84	374447 2.61 13.06 20.97	2866601 19.98
1	3787768 26.40 87.42 30.15	545252 3.80 12.58 30.53	4333020 30.20
2	2145458 14.95 88.61 17.08	275688 1.92 11.39 15.44	2421146 16.88
3	1238155 8.63 88.52 9.86	160597 1.12 11.48 8.99	1398752 9.75
4	363713 2.54 87.54 2.90	51754 0.36 12.46 2.90	415467 2.90
5	242840 1.69 86.74 1.93	37114 0.26 13.26 2.08	279954 1.95
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Table of bh_er2016 by int			
bh er2016(Indicator:	int(ISP: Time-Invariant)		
BH ER 2016 n>0)	0	1	Total
0	1.248E7 87.01 87.54 99.38	1776427 12.38 12.46 99.47	1.426E7 99.39
1	78167 0.54 89.20 0.62	9466 0.07 10.80 0.53	87633 0.61
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Frequency Percent Row Pct Col Pct

Table of bh_er2017 by int			
bh er2017(Indicator:	int(ISF	P: Time-Inv	ariant)
BH ER 2017 n>0)	0	1	Total
0	1.249E7 87.03 87.55 99.40	1776241 12.38 12.45 99.46	1.426E7 99.41
1	75569 0.53 88.67 0.60	9652 0.07 11.33 0.54	85221 0.59
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Frequency Percent **Row Pct** Col Pct

Table of bh_er2018 by int			
bh er2018(Indicator:	int(ISP: Time-Invariant)		
BH ER 2018 n>0)	0	1	Total
0	1.247E7 86.92 87.55 99.28	1773990 12.36 12.45 99.33	1.424E7 99.28
1	91020 0.63 88.44 0.72	11903 0.08 11.56 0.67	102923 0.72
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Table of bh_hosp2016 by int			
bh hosp2016(Indicator:	int(ISP: Time-Invariant)		
BH Hosp 2016 n>0)	0	1	Total
0	1.252E7 87.30 87.54 99.71	1782141 12.42 12.46 99.79	1.431E7 99.72
1	36280 0.25 90.63 0.29	3752 0.03 9.37 0.21	40032 0.28
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Frequency Percent Row Pct Col Pct

Table of bh_hosp2017 by int			
hh haan 2017/Indiantaw	int(ISP: Time-Invariant)		
bh_hosp2017(Indicator: BH Hosp 2017 n>0)	0	1	Total
0	1.254E7 87.41 87.55 99.83	1783529 12.43 12.45 99.87	1.432E7 99.84
1	20958 0.15 89.86 0.17	2364 0.02 10.14 0.13	23322 0.16
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Frequency Percent Row Pct Col Pct

Table of bh_hosp2018 by int			
hh hasn2019/Indicatory	int(ISP: Time-Invariant)		
bh_hosp2018(Indicator: BH Hosp 2018 n>0)	0	1	Total
0	1.251E7 87.21 87.55 99.61	1779933 12.41 12.45 99.67	1.429E7 99.62
1	48700 0.34 89.10 0.39	5960 0.04 10.90 0.33	54660 0.38
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Table of bh_oth2016 by int			
hh ath 2016/Indiantay	int(ISP: Time-Invariant)		
bh_oth2016(Indicator: BH Other 2016 n>0)	0	1	Total
0	1.155E7 80.48 87.46 91.92	1654764 11.53 12.54 92.66	1.32E7 92.01
1	1015019 7.07 88.56 8.08	131129 0.91 11.44 7.34	1146148 7.99
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Frequency Percent Row Pct Col Pct

Table of bh_oth2017 by int			
bh oth2017(Indicator:	int(ISP: Time-Invariant)		
BH Other 2017 n>0)	0	1	Total
0	1.146E7 79.90 87.47 91.26	1641645 11.44 12.53 91.92	1.31E7 91.34
1	1098090 7.65 88.39 8.74	144248 1.01 11.61 8.08	1242338 8.66
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Frequency Percent Row Pct Col Pct

Table of bh_oth2018 by int			
hh all 2010/h d'artau	int(ISP: Time-Invariant)		
bh_oth2018(Indicator: BH Other 2018 n>0)	0	1	Total
0	1.114E7 77.61 87.38 88.65	1607673 11.21 12.62 90.02	1.274E7 88.82
1	1425702 9.94 88.89 11.35	178220 1.24 11.11 9.98	1603922 11.18
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Table of ind_cost_rx by int			
ind cost rx(Indicator,	int(ISP: Time-Invariant)		
Cost: Rx > 0)	0	1	Total
0	8765265 61.09 87.40 69.78	1263211 8.80 12.60 70.73	1.003E7 69.90
1	3795819 26.46 87.90 30.22	522682 3.64 12.10 29.27	4318501 30.10
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Frequency Percent Row Pct Col Pct

Table of ind_cost_ffs by int			
ind cost ffs(Indicator,	int(ISP: Time-Invariant)		
Cost: FFS Total > 0)	0	1	Total
0	5874808 40.95 87.45 46.77	842961 5.88 12.55 47.20	6717769 46.82
1	6686276 46.60 87.64 53.23	942932 6.57 12.36 52.80	7629208 53.18
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Frequency Percent **Row Pct** Col Pct

Table of ind_cost_pc by int			
ind_cost_pc(Indicator,	int(ISP: Time-Invariant)		
Primary Care > 0)	0	1	Total
0	8040755 56.04 87.73 64.01	1124875 7.84 12.27 62.99	9165630 63.89
1	4520329 31.51 87.24 35.99	661018 4.61 12.76 37.01	5181347 36.11
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Table of ind_util_pc by int			
ind util ne/Indicator	int(ISP: Time-Invariant)		
ind_util_pc(Indicator, Util: PC n > 0)	0	1	Total
0	7965603 55.52 87.73 63.41	1113641 7.76 12.27 62.36	9079244 63.28
1	4595481 32.03 87.24 36.59	672252 4.69 12.76 37.64	5267733 36.72
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Frequency Percent Row Pct Col Pct

Table of ind_util_er by int				
ind_util_er(Indicator, Util: ER	int(ISP: Time-Invariant)			
(Cap+FFS) n > 0)	0	1	Total	
0	1.13E7 78.76 87.47 89.96	1618720 11.28 12.53 90.64	1.292E7 90.04	
1	1261440 8.79 88.30 10.04	167173 1.17 11.70 9.36	1428613 9.96	
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00	

Frequency Percent Row Pct Col Pct

Table of ind_util_bh_o by int			
	int(ISP: Time-Invariant)		
ind_util_bh_o(Indicator, Util: BH Other n > 0)	0	1	Total
0	1.163E7 81.07 87.47 92.59	1665871 11.61 12.53 93.28	1.33E7 92.68
1	930463 6.49 88.57 7.41	120022 0.84 11.43 6.72	1050485 7.32
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00

Table of ind_util_tel by int				
ind_util_tel(Indicator, Util:	int(ISP: Time-Invariant)			
Telehealth n > 0)	0	1	Total	
0	1.192E7 83.08 87.49 94.89	1703632 11.87 12.51 95.39	1.362E7 94.95	
1	642042 4.48 88.64 5.11	82261 0.57 11.36 4.61	724303 5.05	
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00	

Table of fqhc by int					
fqhc(FQHC (FQHC IHS RHS),	int(ISP: Time-Invariant)  0 1 Total				
Binary)					
0	6839596 47.67 80.43 54.45	1664374 11.60 19.57 93.20	8503970 59.27		
1	5721488 39.88 97.92 45.55	121519 0.85 2.08 6.80	5843007 40.73		
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00		

time	Count	Cumulative Count
1	41,052	41,052
2	43,295	84,347
3	34,612	118,959
4	17,016	135,975
5	11,817	147,792
6	11,692	159,484
7	13,352	172,836
8	24,117	196,953
9	17,707	214,660
10	17,702	232,362
11	18,893	251,255
12	1,342,811	1,594,066

### **Time Frequency by Member**

Adj FFS total, 2016 Categorical					
adj_pd_total_16cat	Count	Pct	Cumulative Count	Cumulative Percent	
-1	4,469,035	31.149663096	4,469,035	31.149663096	
0	2,207,180	15.384286181	6,676,215	46.533949277	
1	3,648,115	25.427760845	10,324,330	71.961710122	
2	2,132,038	14.860538217	12,456,368	86.822248338	
3	1,249,145	8.7066773718	13,705,513	95.52892571	
4	386,530	2.6941564066	14,092,043	98.223082117	
5	254,934	1.7769178831	14,346,977	100	

Adj FFS total, 2017: Categorical				
adj_pd_total_17cat	Count	Pct	Cumulative Count	Cumulative Percent
-1	3,558,743	24.804828223	3,558,743	24.804828223
0	2,606,748	18.169318875	6,165,491	42.974147097
1	3,958,530	27.59138737	10,124,021	70.565534468
2	2,250,029	15.682948401	12,374,050	86.248482869
3	1,309,543	9.1276580425	13,683,593	95.376140911
4	398,215	2.7756021356	14,081,808	98.151743047
5	265,169	1.8482569534	14,346,977	100

Adj FFS total, 2018: Categorical					
adj_pd_total_18cat Count Pct Count Perc					
-1	2,632,037	18.345585973	2,632,037	18.345585973	
0	2,866,601	19.980522726	5,498,638	38.326108699	
1	4,333,020	30.201623659	9,831,658	68.527732358	
2	2,421,146	16.87565262	12,252,804	85.403384978	
3	1,398,752	9.7494545367	13,651,556	95.152839515	
4	415,467	2.8958504638	14,067,023	98.048689978	
5	279,954	1.9513100216	14,346,977	100	

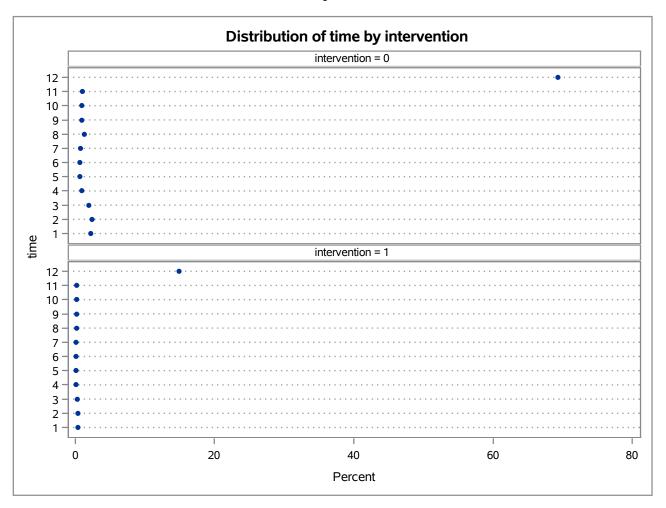
### **Time Frequency by Member, Intervention (non-varying)**

### The FREQ Procedure

Frequency Col Pct

Table of time by intervention					
	ir	intervention			
time	0	1	Total		
1	35884 2.71	5168 1.90	41052		
2	37857 2.86	5438 2.00	43295		
3	30480 2.31	4132 1.52	34612		
4	14824 1.12	2192 0.81	17016		
5	10307 0.78	1510 0.55	11817		
6	10025 0.76	1667 0.61	11692		
7	11373 0.86	1979 0.73	13352		
8	20462 1.55	3655 1.34	24117		
9	14867 1.12	2840 1.04	17707		
10	14730 1.11	2972 1.09	17702		
11	15492 1.17	3401 1.25	18893		
12	1105597 83.64	237214 87.16	1342811		
Total	1321898	272168	1594066		

### **Time Frequency by Member, Intervention (non-varying)**



Frequency Percent Row Pct Col Pct

Table of ind_cost_rx by int				
ind cost rx(Indicator,	int(ISP: Time-Invariant)			
Cost: Rx > 0)	0	1	Total	
0	8765265 61.09 87.40 69.78	1263211 8.80 12.60 70.73	1.003E7 69.90	
1	3795819 26.46 87.90 30.22	522682 3.64 12.10 29.27	4318501 30.10	
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00	

Frequency Percent Row Pct Col Pct

Table of ind_cost_ffs by int				
ind cost ffs(Indicator,	int(ISP: Time-Invariant)			
Cost: FFS Total > 0)	0	1	Total	
0	5874808 40.95 87.45 46.77	842961 5.88 12.55 47.20	6717769 46.82	
1	6686276 46.60 87.64 53.23	942932 6.57 12.36 52.80	7629208 53.18	
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00	

Table of ind_cost_pc by int				
ind_cost_pc(Indicator, Cost:	int(ISP: Time-Invariant)			
Primary Care > 0)	0	1	Total	
0	8040755 56.04 87.73 64.01	1124875 7.84 12.27 62.99	9165630 63.89	
1	4520329 31.51 87.24 35.99	661018 4.61 12.76 37.01	5181347 36.11	
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00	

Frequency Percent Row Pct Col Pct

Table of ind_util_pc by int				
ind util pc(Indicator,	int(ISP: Time-Invariant)			
Util: PC n > 0)	0	1	Total	
0	7965603 55.52 87.73 63.41	1113641 7.76 12.27 62.36	9079244 63.28	
1	4595481 32.03 87.24 36.59	672252 4.69 12.76 37.64	5267733 36.72	
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00	

Frequency Percent Row Pct Col Pct

Table of ind_util_er by int				
ind_util_er(Indicator, Util: ER	int(ISP: Time-Invariant)			
(Cap+FFS) n > 0)	0	1	Total	
0	1.13E7 78.76 87.47 89.96	1618720 11.28 12.53 90.64	1.292E7 90.04	
1	1261440 8.79 88.30 10.04	167173 1.17 11.70 9.36	1428613 9.96	
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00	

Table of ind_util_bh_o by int				
ind util bh o(Indicator,	int(ISP: Time-Invariant)			
Util: BH Other n > 0)	0	1	Total	
0	1.163E7 81.07 87.47 92.59	1665871 11.61 12.53 93.28	1.33E7 92.68	
1	930463 6.49 88.57 7.41	120022 0.84 11.43 6.72	1050485 7.32	
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00	

# Indicator DVs by Intervention If DV eq 0 then indicator = 0, > 0 then indicator = 1

### The FREQ Procedure

Table of ind_util_tel by int				
ind_util_tel(Indicator,	int(ISP: Time-Invariant)			
Util: Telehealth n > 0)	0	1	Total	
0	1.192E7 83.08 87.49 94.89	1703632 11.87 12.51 95.39	1.362E7 94.95	
1	642042 4.48 88.64 5.11	82261 0.57 11.36 4.61	724303 5.05	
Total	1.256E7 87.55	1785893 12.45	1.435E7 100.00	

# The UNIVARIATE Procedure Variable: cost\_rx\_tc (Cost FFS Rx: top-coded infl-adj qrtr avg)

Moments				
N	14346977	Sum Weights	14346977	
Mean	82.5246514	Sum Observations	1183979275	
Std Deviation	348.811263	Variance	121669.297	
Skewness	4.6293101	Kurtosis	19.7141593	
Uncorrected SS	1.84329E12	Corrected SS	1.74559E12	
Coeff Variation	422.675234	Std Error Mean	0.09208954	

	Basic Statistical Measures			
Location Variability				
Mean	82.52465	Std Deviation	348.81126	
Median	0.00000	Variance	121669	
Mode	0.00000	Range	1873	
		Interquartile Range	5.74810	

Tests for Location: Mu0=0					
Test	Statistic p Value				
Student's t	t 896.1349		Pr >  t	<.0001	
Sign	М	2159251	Pr >=  M	<.0001	
Signed Rank	s	4.662E12	Pr >=  S	<.0001	

Quantiles (Definition 5)				
Level	Quantile			
100% Max	1873.2500			
99%	1873.2500			
95%	219.4878			
90%	51.7868			
75% Q3	5.7481			
50% Median	0.0000			
25% Q1	0.0000			
10%	0.0000			
5%	0.0000			
1%	0.0000			
0% Min	0.0000			

# The UNIVARIATE Procedure Variable: cost\_rx\_tc (Cost FFS Rx: top-coded infl-adj qrtr avg)

Extreme Observations				
Lov	west	High	nest	
Value	Obs	Value	Obs	
0	1.43E7	1873.25	1.43E7	
0	1.43E7	1873.25	1.43E7	
0	1.43E7	1873.25	1.43E7	
0	1.43E7	1873.25	1.43E7	
0	1.43E7	1873.25	1.43E7	

# The UNIVARIATE Procedure Variable: cost\_ffs\_tc (Cost FFS total: top-coded infl-adj qrtr avg)

Moments				
N	14346977	Sum Weights	14346977	
Mean	404.784732	Sum Observations	5807437240	
Std Deviation	1319.76134	Variance	1741770.01	
Skewness	4.34836761	Kurtosis	17.780816	
Uncorrected SS	2.73399E13	Corrected SS	2.49891E13	
Coeff Variation	326.040297	Std Error Mean	0.34842973	

	Basic Statistical Measures			
Location Variability				
Mean	404.7847	Std Deviation	1320	
Median	13.0278	Variance	1741770	
Mode	0.0000	Range	6878	
		Interquartile Range	161.35012	

Tests for Location: Mu0=0					
Test	Statistic p Value				
Student's t	t	1161.74	Pr >  t	<.0001	
Sign	М	3814604	Pr >=  M	<.0001	
Signed Rank	s	1.455E13	Pr >=  S	<.0001	

Quantiles (Definition 5)				
Level	Quantile			
100% Max	6877.5800			
99%	6877.5800			
95%	1628.5895			
90%	642.7803			
75% Q3	161.3501			
50% Median	13.0278			
25% Q1	0.0000			
10%	0.0000			
5%	0.0000			
1%	0.0000			
<b>0% Min</b> 0.0000				

# The UNIVARIATE Procedure Variable: cost\_ffs\_tc (Cost FFS total: top-coded infl-adj qrtr avg)

Extreme Observations				
Lov	west	High	nest	
Value	Obs	Value	Obs	
0	1.43E7	6877.58	1.43E7	
0	1.43E7	6877.58	1.43E7	
0	1.43E7	6877.58	1.43E7	
0	1.43E7	6877.58	1.43E7	
0	1.43E7	6877.58	1.43E7	

# The UNIVARIATE Procedure Variable: cost\_pc\_tc (Cost FFS Primary Care: top-coded infl-adj qrtr avg)

Moments				
N	14346977	Sum Weights	14346977	
Mean	35.0977675	Sum Observations	503546863	
Std Deviation	71.9922333	Variance	5182.88166	
Skewness	2.87211701	Kurtosis	8.39975265	
Uncorrected SS	9.2032E10	Corrected SS	7.43587E10	
Coeff Variation	205.119124	Std Error Mean	0.01900664	

Basic Statistical Measures				
Location Variability				
Mean	35.09777	Std Deviation	71.99223	
Median	0.00000	Variance	5183	
Mode	0.00000	Range	332.67000	
		Interquartile Range	42.86324	

Tests for Location: Mu0=0					
Test	Statistic p Value				
Student's t	t 1846.605 Pr >  t		<.0001		
Sign	М	2590674	Pr >=  M	<.0001	
Signed Rank	s	6.712E12	Pr >=  S	<.0001	

Quantiles (Definition 5)			
Level	Quantile		
100% Max	332.6700		
99%	332.6700		
95%	166.6206		
90%	107.3235		
75% Q3	42.8632		
50% Median	0.0000		
25% Q1	0.0000		
10%	0.0000		
5%	0.0000		
1%	0.0000		
0% Min	0.0000		

# The UNIVARIATE Procedure Variable: cost\_pc\_tc (Cost FFS Primary Care: top-coded infl-adj qrtr avg)

Extreme Observations				
Lov	west	Highest		
Value	Obs	Value	Obs	
0	1.43E7	332.67	1.43E7	
0	1.43E7	332.67	1.43E7	
0	1.43E7	332.67	1.43E7	
0	1.43E7	332.67	1.43E7	
0	1.43E7	332.67	1.43E7	

# The UNIVARIATE Procedure Variable: cost\_rx\_tc (Cost FFS Rx: top-coded infl-adj qrtr avg)

ISP: Time-Invariant=0

Moments				
N	53	Sum Weights	53	
Mean	59.7568451	Sum Observations	3167.11279	
Std Deviation	239.916166	Variance	57559.7668	
Skewness	6.28525032	Kurtosis	42.5564342	
Uncorrected SS	3182364.54	Corrected SS	2993107.88	
Coeff Variation	401.487337	Std Error Mean	32.9550199	

Basic Statistical Measures				
Location Variability				
Mean	59.75685	Std Deviation	239.91617	
Median	0.00000	Variance	57560	
Mode	0.00000	Range	1687	
		Interquartile Range	6.85098	

Tests for Location: Mu0=0					
Test	Statistic p Value				
Student's t	t	t 1.813285 Pr >  t			
Sign	М	9	Pr >=  M	<.0001	
Signed Rank	s	85.5	Pr >=  S	<.0001	

Quantiles (Definition 5)		
Level	Quantile	
100% Max	1686.94000	
99%	1686.94000	
95%	303.04292	
90%	159.74126	
75% Q3	6.85098	
50% Median	0.00000	
25% Q1	0.00000	
10%	0.00000	
5%	0.00000	
1%	0.00000	
0% Min	0.00000	

# The UNIVARIATE Procedure Variable: cost\_rx\_tc (Cost FFS Rx: top-coded infl-adj qrtr avg)

Extreme Observations			
Lowest		Highe	st
Value	Obs	Value	Obs
0	52	209.661	3
0	51	274.616	4
0	50	303.043	2
0	49	304.526	1
0	48	1686.940	36

# The UNIVARIATE Procedure Variable: cost\_ffs\_tc (Cost FFS total: top-coded infl-adj qrtr avg)

ISP: Time-Invariant=0

Moments				
N	53	Sum Weights	53	
Mean	497.225747	Sum Observations	26352.9646	
Std Deviation	1300.72441	Variance	1691884	
Skewness	4.10415848	Kurtosis	17.3732208	
Uncorrected SS	101081340	Corrected SS	87977967.8	
Coeff Variation	261.596351	Std Error Mean	178.668239	

	Basic Statistical Measures			
Loc	Location Variability			
Mean	497.2257	Std Deviation	1301	
Median	57.3793	Variance	1691884	
Mode	0.0000	Range	6565	
		Interquartile Range	363.70335	

Tests for Location: Mu0=0					
Test	St	atistic	p Val	ue	
Student's t	t	2.782955	Pr >  t	0.0075	
Sign	М	16.5	Pr >=  M	<.0001	
Signed Rank	s	280.5	Pr >=  S	<.0001	

Quantiles (Definition 5)			
Level	Quantile		
100% Max	6565.3800		
99%	6565.3800		
95%	2033.8400		
90%	996.4096		
75% Q3	363.7033		
50% Median	57.3793		
25% Q1	0.0000		
10%	0.0000		
5%	0.0000		
1%	0.0000		
0% Min	0.0000		

# The UNIVARIATE Procedure Variable: cost\_ffs\_tc (Cost FFS total: top-coded infl-adj qrtr avg)

Extreme Observations				
Lowest		Highest		
Value	Obs	Obs Value Obs		
0	52	1799.64	30	
0	51	1900.13	31	
0	49	2033.84	29	
0	48	6565.38	32	
0	47	6565.38	45	

# The UNIVARIATE Procedure Variable: cost\_pc\_tc (Cost FFS Primary Care: top-coded infl-adj qrtr avg)

Moments				
N	53	Sum Weights	53	
Mean	47.8747736	Sum Observations	2537.363	
Std Deviation	90.6138278	Variance	8210.86578	
Skewness	2.19870656	Kurtosis	4.11686468	
Uncorrected SS	548440.7	Corrected SS	426965.021	
Coeff Variation	189.272598	Std Error Mean	12.4467665	

Basic Statistical Measures				
Location Variability				
Mean	47.87477	Std Deviation	90.61383	
Median	0.00000	Variance	8211	
Mode	0.00000	Range	320.68000	
		Interquartile Range	67.50952	

Tests for Location: Mu0=0					
Test	St	atistic	p Val	ue	
Student's t	t 3.846362		Pr >  t	0.0003	
Sign	М	10	Pr >=  M	<.0001	
Signed Rank	s	105	Pr >=  S	<.0001	

Quantiles (Definition 5)			
Level	Quantile		
100% Max	320.6800		
99%	320.6800		
95%	320.6800		
90%	148.1975		
75% Q3	67.5095		
50% Median	0.0000		
25% Q1	0.0000		
10%	0.0000		
5%	0.0000		
1%	0.0000		
0% Min	0.0000		

# The UNIVARIATE Procedure Variable: cost\_pc\_tc (Cost FFS Primary Care: top-coded infl-adj qrtr avg)

Extreme Observations				
Lowest		Highest		
Value Obs		Value	Obs	
0	52	175.288	1	
0	51	320.680	2	
0	49	320.680	31	
0	48	320.680	45	
0	47	320.680	50	