The Importance of Big Data

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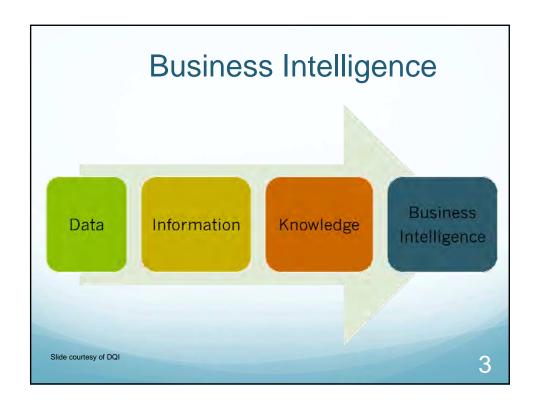
Tuesday, April 19th, 2016



What is Big Data?

"Big data" is a term that describes the large volume of data – both structured and unstructured – that inundates a business on a day-to-day basis.

And then we have Medicaid!





Uses of Medicaid Big Data

- Federal and state Medicaid agencies, rely on program data and reports to assess many items such as
- ACCESS
- QUALITY
- PROGRAM ADMINISTRATIVE MODELS
- PROGRAM INTEGRITY
- AMONG MANY OTHER OUTCOMES OF INTEREST

Medicaid Data Sources

- CMS Form 416
- MAX: Medicaid Analytic eXtract
- MSIS: Medicaid Statistical Information System
- T-MSIS: Transformed Medicaid Statistical Information System
- Metric—Claims data

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				<u> </u>	<u> </u>				
FORM CMS-416: ANN	UAL EPSDT P	ARTICIPATION	REPORT					cars	-1
State Code	Fiscal Year		Age Group						
		Totals	41 41	1-2	3-5	6-9	10-14	15-18	19-20
1a. Total individuals eligible for EPSDT	GN: MN:	0							
	Total: CN:	0	0	0	В	0	9	- 0	
 Total Individuals eligible for EPSDT for 90 Contingus Days. 	MN: Total:	0	-0	0	.0	0	0	0	
1c. Total Individuals Eligible under a CHIP Medicald Expansion	CN: MN:	0							
	Total	ū	0	0	0	0	0	0	
2a, State Periodicity Schedule				2	3	4	5	4	
2b. Number of Years in Age Group			- 1		3	- 1		•	
2c Annualized State Periodicity Schedule	100		0.00	0.00	0.00	0.00	0.00	0.00	
3a. Total Months of	ON:	0			-			_	
Eligibility	Total:	0	0	0	0	0	0	0	
3b. Average Period of	GN:	0.00	0.00	0.00	0,00	0.00	0.00	0.00	
Eligibility	Total	0.00	8.00	0.00	0.00	0.00	0.00	0.00	
Expected Number of Screenings per	MN		0.00	0.00	0.00	0.00	0.00	0.00	
Eigbie	Total:		0.00	0.00	0.00	0.00	0.00	0.00	
5. Expected Number of	CN:	. 0	. 0	0	.0	0	0	.0	
Screenings	MN:	0	0	-0	0	. 0	0	.0	
	CN	0	.0		.0	.0	- 0	.0	
6. Total Screens Received	MN:	0							
	Total: CN:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7. SCREENING RATIO	MN:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7.3.000	Total	0.00	0.00	0.00	0.00	.0.00	0.00	0.00	
6. Total Eligibles Who	CN: MN:	0	0	0	0	0	0	0	_
Should Receive at Least One Initial or Periodic Screen	Total:								
Total Eligibles Receiving at least	CN:	-0	0	. 0	-0	0	0	0	
One Initial or Periodic	MN:	6							
Screen	Total:	Ú	0	. 0	Ü	- 0	0	0	
	CN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10. PARTICIPANT RATIO	MN: Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	CN:	0.00	0.00	0.00	-0,00	0.00	0.00	0,00	
11. Total Eligibles Referred for	MNC	0							
Corrective Treatment	Total:	- 6	0	- 0		0			

7	12a. Total Eligibles Receiving Any Dental Services	CN: MN:	0						-1-	
8	July Delital Services	Total:	0	0	0	0	0	0	.0	
3	12b. Total Eligibles Receiving	CN	0							
V	Preventive Dental Services	MN:	0							
Z.	Trong and any line out those	Total:	0	0	0	0	0	0	0	
2	12c. Total Eligibles Receiving	CN	0							
3.1	Dental Treatment Services	MN.	0	-		0	0	0		
4	12d. Total Eligibles Receiving a	Total:	0	0	0	0	.0	0	0	
5	Sealant on a Permanent Molar	MN:	0	_			_			
7	Tooth	Total:	0				0	0		
8		CN:	ő				- 0	- 0		
9	12e. Total Eligibles Reciving Dental	MN:	0							
0	Diagnostic Services	Total:	0	0	0	0	0	0	0	
1		CN:	0		- "	- 0			- 0	
2	12f. Total Eligibles Receiving Oral	MN:	o o							
	Health Services provided by a				- 3				- 4	
a l	Non-Dentist Provider	Total:	o	Ó	0	0	Ó	0	à	
4	And House Street Street Street Street	CN:	0							
5	12g. Total Eligibles Reciving Any Dental Or Oral Health Service	MN:	0							
Ġ	Dental Or Oral Health Service	Total:	0	0	0	0	0	0	0	
7	Ch. Total Citables Constant to	CN:	0							
8	 Total Eligibles Enrolled in Managed Care 	MN:	0							
9	womendary chara	Total:	0	D	0	0	0	0	0	
0	14. Total Number of Screening	CN:	0	- 31	317					
1	14. Total Number of Screening Blood Lead Tests	MN:	0							
2	Diood Lead (est)	Total:	0	0	0	0				
1		1 - 1				1			0	
4	* Includes 12-month visit									

		Annual E	EPSDT Partici	pation Repor	t				
		For	m CMS-416	National)					
			Fiscal Year:	2014					
Description	Cat	Total	<1	1.2	3-5	6-9	10-14	15-18	19-20
La. Total individuals eligible for EPSDT	CN	38,094,109	2,219,215	4,505,089	6,462,966	8,185,092	5,638,419	6,054,228	2,029,10
	MN	2,457,940	153,246	217,333	229,459	440,725	501,861	412,787	502,52
	Total	40,552,049	2,372,461	4,722,422	6,692,425	8,625,817	9,140,280	6,467,015	2,531,62
1b. Total Individuals eligible for EPSDT for 90 Continous Days	CN	35,792,976	1,752,543	4,258,089	6,182,686	7,834,883	8,249,532	5,726,738	1,778,50
	MN	2,269,722	129,558	195,090	212,861	415,550	471,587	382,991	462,08
	Total	38,062,695	1,882,101	4,463,178	6,395,547	8,250,433	8,721,119	6,109,728	2,240,58
1c. Total Individuals Eligible under a CHIP Medicaid Expansion	CN	1,711,592	23,943	101,894	175,135	431,019	516,191	404,467	58,94
7.7.5	MIN	62,643	618	4,282	7,620	10,282	11,892	12,217	15,73
	Total	1,774,235	24,561	106,176	182,755	441,301	528,083	416,684	74,67
2a. State Periodicity Schedule			n/a	n/a	n/a	n/a	n/a	n/a	n/e
2b. Number of Years in Age Group			n/a	n/a	n/a	n/a	n/a	n/a	n/a
2c. Annualized State Periodicity Schedule			n/a	n/a	n/a	n/a	n/a	n/a	n/a
3a. Total Months of Eligibility	CN	370,615,759	12,440,179	45,282,416	66,060,846	83,395,105	87,614,493	59,804,941	16,017,77
	MN	23,377,542	1,122,127	1,974,615	2,211,351	4,473,815	5,074,488	4,040,220	4,480,92
	Total	393,993,301	13,562,306	47,257,031	68,272,197	87,868,920	92,688,981	63,845,161	20,498,70
3b. Average Period of Eligibility	CN	0.86	0.59	0.88	0.89	0.39	0.89	0.87	0.7
	MN	0,86	0.72	0.84	0.87	0.90	0,90	0,88	0.8
	Total	95.0	0.60	0.88	0.89	0.89	0.89	0.87	0.7
4. Expected Number of Screenings per Eligible	CN		3.65	1.82	0.90	0.73	0,80	0,77	0.6
	MN		4.37	1,39	0.86	0.52	0.90	0.88	0.8
	Total		3,70	1.80	0.90	0.72	0.81	0.78	0.6
5. Expected Number of Screenings	CN	37,642,606	6,396,594	7,771,446	5,558,234	5,713,485	6,611,070	4,414,262	1,177,51
a carrier and and account.	MM	2,365,777	565,745	270,709	183,499	216,547	423,601	335,143	370,53
	Total	40,008,383	6,962,339	8,042,155	5,741,733	5,930,032	7,034,671	4,749,405	1,548,04
6. Total Screens Received	CN	38,480,159	6,421,183	9,205,344	6,217,466	5,528,747	6,161,882	3,867,801	1,077,73
	MN	5,302,737	475,375	871,006	883,778	934,526	965,197	771,065	401,79
	Total	43,782,896	6,896,558	10,076,350	7,101,244	6,463,273	7,127,079	4,638,366	1,479,52
7. SCREENING RATIO	CN	1.00	1.00	1.00	1.00	0.97	0.93	0.88	0.9
	MN	1.00	0.84	1.00	1.00	1.00	1.00	1.00	1.0
	Total	1.00	0.99	1.00	1.00	1.00	1.00	0.98	0.9

		Annual E	PSDT Particip	ation Report					
			CMS-416 (1						
			Fiscal Year 2						
Description	Cat	Total	<1	1-2	3-5	6-9	10-14	15-18	19-20
E. Total Eligibles Who Should Receive at Least One Initial or Periodic Screen	CN	29,455,090	1,752,414	4,260,463	5,519,923	5,715,411	6,613,403	4,415,526	1,177,945
	MN	1,853,945	129,558	195,064	183,499	216,547	423,601	335,143	370,533
	Total	31,309,035	1,381,972	4,455,532	5,703,422	5,931,958	7,037,004	4,750,669	1.548,478
9. Total Eligibles Receiving at least One Initial or Periodic Screen	CN.	17,190,807	1,549,722	3,289,341	3,677,019	3,150,075	3,396,872	1,350,394	277,884
	MN	1,162,993	112,505	147,278	134,714	230,460	256,157	175,265	105,614
	Total.	18,353,200	1,662,227	3,435,519	3,811,733	3,380,535	3,653,029	2,026,159	384,498
10. PARTICIPANT RATIO	CN	0.58	0.88	0.77	0.67	0.55	0.51	0.42	0.24
	MN	0.63	0.87	0.76	0.73	1.00	0.60	0.52	0.29
	Total	0.59	0.88	0.77	0.67	0,57	0.52	0.43	0.25
11 Total Eligibles Referred for Corrective Treatment	CN.	7,174,980	717,158	1,250,819	1,236,023	1,348,385	1,438,999	945,964	237,629
	MN	441,561	739	6,085	54,648	113,635	110,801	103,022	52,631
	Total	7,616,541	717,897	1,256,904	1,290,671	1,462,023	1,549,800	1,048,986	290,260
a. Total Eligibles Receiving Any Dental Service:	CN	16,912,222	56,833	1,087,300	3,349,242	4,763,667	4,578,122	2,613,771	463,287
	MN	957,214	509	26,340	103,999	245,662	262,115	174,111	143,378
	Total	17,859,436	57,442	1,113,640	3,453,241	5,010,329	4,840,237	2,787,882	606,665
12h. Total Eligibles Receiving Preventive Dental Services	CN	15,138,495	14,029	727,245	3,065,512	4,459,979	4,241,772	2,271,785	358,173
	MN	891,694	402	24,322	99,505	238,344	249,577	158,320	121,224
	Total	16,030,189	14,431	751,567	3,165,017	4,698,323	4,491,349	2,430,105	479,397
12c. Total Eligibles Receiving Dental Treatment Services	CN	7,721,382	3,468	150,841	1,234,723	2,389,824	2,231,860	1,444,177	266,489
	MN	468,653	:89	2,917	32,138	123,293	134,614	96,026	79,576
	Total	8,190,035	3,557	153,758	1,266,861	2,513,117	2,356,474	1,540,203	346,065
12d. Total Eligibles Receiving a Sealant on a Permanent Moler Tooth	cN:	2,409,239				1,302,540	1,107,299	1	
	MN	114,359				60,979	53,380	-	
	Total	2,524,198	-		-	1,363,519	1,160,679		
12a. Total Eligibles Reciving Dental Diagnostic Services	CN	15,707,604	48,129	1,005,779	3,150,031	4,457,457	4,261,882	2,373,644	410,682
	MN	856,529	413	24,465	97,239	227,487	233,913	149,424	123,588
Page 2 of 1	Total	16,564,133	48,542	1,030,244	3,247,270	4,684,944	4,495,795	2,523,068	534,270

		Form	PSDT Particip n CMS-416 (N Fiscal Year: 2						
Description	Cat	Total	<1	1-2	3.5	6-9	10-14	15-18	19-20
12f. Total Eligibles Receiving Oral Health Services provided by a Non-Dentist Provider	CN	980,308	49,812	429,799	226,417	117,467	56,386	52,840	17,48
	MN	139,867	499	7,745	18,412	40,704	39,426	22,346	10,735
	Total	1,120,175	50,311	437,544	244,829	158,171	125,812	75,186	28,222
12g. Total Eligibles Reciving Any Dental Or Oral Health Service	CN	17,423,934	97,927	1,366,396	3,436,080	4,803,769	4,611,616	2,635,435	472,61
	MN	968,241	988	29,893	106,542	248,211	262,964	174,656	144,98
	Total	18,392,175	98,915	1,396,289	3,542,622	5,051,980	4,874,580	2,810,091	617,59
13. Total Eligibles Enrolled in Managed Care	CN	30,461,682	1,466,492	3,775,428	5,389,282	6,715,004	6,951,070	4,750,699	1,413,70
	MN	2,312,168	145,934	190,411	207,834	402,778	456,751	371,806	536,654
	Total	32,773,850	1,612,426	3,965,839	5,597,116	7,117,782	7,407,821	5,122,505	1,950,36
14. Total Number of Screening Blood Lead Tests	CN	2,781,757	61,545	1,750,137	970,075				
	MN	23,541	423	12,532	10,586				
	Total	2,805,298	61,968	1,762,669	980,661				

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	An	Fiscal	CM5-416 Year: 201	4					
			: Arkansa					-	
Description	Cat	Total	<1	1-2	3-5	6-9	10-14	15-18	19-20
1a. Total individuals eligible for EPSDT	CN	430,945	25,304	53,192	76,803	95,498	96,999	66,633	16,51
	MN	75	0	- 1	- 4	- 6	21	29	- 1
	Total	431,020		53,193	76,807	95,504	97,020	66,662	16,53
1b. Total Individuals eligible for EPSDT for 90 Continous Days	CN	402,051	18,783	50,326	73,695	90,937	92,340	62,931	13,03
	MN	29	0	1	3	3	5	7	1
	Total	402,080	18,783	50,327	73,698	90,940	92,345	62,938	13,04
1c. Total Individuals Eligible under a CHIP Medicald Expansion	CN	0	0	0	0	0	0	0	
	MN	- 0	0	0	0	0	0	0	
	Total	0	0	- 0	0	0	- 0	0	-
2a. State Periodicity Schedule			6	3	3	- 2	5	4	
2b. Number of Years in Age Group			1	2	3	- 4	5	4	
2c. Annualized State Periodicity Schedule			6.00	1.50	1.00	0.50	1.00	1.00	1.0
3a. Total Months of Eligibility	CN	4,467,283	140,979	556,278	845,784	1,043,906	1,054,254	711,056	115,02
The state of the s	MN	233	0	10	9	22	19	76	9
	Total	4,467,516	140,979	556,288	845,793	1,043,928	1,054,273	711,132	115,12
3b. Average Period of Eligibility	CN	0.93	0.63	0.92	0.96	0.96	0.95	0.94	0.7
	MN	0.67	0.00	0.83	0.25	0.61	0.32	0.90	0.8
	Total	0,93	0.63	0.92	0.96	0.96	0.95	0.94	0.7
4. Expected Number of Screenings per Eligible	CN		3.78	1.38	0.96	0.48	0.95	0.94	0.7
	MN		0.00	1.25	0.25	0.31	0.32	0.90	8.0
	Total		3.78	1,38	0.96	0.48	0.95	0.94	0.7
5. Expected Number of Screenings	CN	411,374	71,000	69,450	70,747	43,650	87,723	59,155	9,64
	MN	19	0	1	1	1	2	6	
	Total	411,393	71,000	69,451	70,748	43,651	87,725	59,161	9,69
6. Total Screens Received	CN	254,516	64,329	73,362	42,057	25,886	32,224	15,983	67
	MN.	- 4	0	0	1	0	2	1	
	Total	254,520	64,329	73,362	42,058	25,886	32,226	15,984	67
7. SCREENING RATIO	CN	0.62	0.91	1.00	0.59	0.59	0.37	0.27	0.0

		ual EPSDT F	CMS-416						
			Year: 201						
			Arkansas						
Description	Cat	Total	<1	1-2	3-5	6-9	10-14	15-18	19-20
8. Total Eligibles Who Should Receive at Least One Initial or Periodic Screen	CN	340,033	18,783	50,326	70,747	43,650	87,723	59,155	9,64
	MN	19	0	1	1	1	2	6	
	Total	340,052	18,783	50,327	70,748	43,651	87,725	59,161	9,65
Total Eligibles Receiving at least One Initial or Periodic Screen	CN	164,712	17,304	34,900	39,961	25,210	31,217	15,452	66
	MN	4	-0	0	1	0	2	1	
	Total	164,716	17,304	34,900	39,962	25,210	31,219	15,453	66
10. PARTICIPANT RATIO	CN	0.48	0.92	0.69	0.56	0.58	0.36	0.26	0.0
	MN	0.21	0.00	0.00	1.00	0.00	1.00	0.17	0.0
	Total	0.48	0.92	0.69	0.56	0.58	0.36	0.26	0.0
11. Total Eligibles Referred for Corrective Treatment	CN	126,492	13,834	27,505	30,550	19,027	23,580	11,515	48
	MN	3	0	0	0	0	2	1	3
	Total	126,495	13,834	27,505	30,550	19,027	23,582	11,516	48
12a. Total Eligibles Receiving Any Dental Services	CN	209,071	105	10,400	41,857	60,727	58,389	33,566	4,02
	MN	8	0	0	0	0	1	3	
	Total	209,079	105	10,400	41,857	60,727	58,390	33,569	4,03
12b. Total Eligibles Receiving Preventive Dental Services	CN	195,938	62	8,663	39,216	58,288	55,779	30,618	3,31
	MN	6	0	0	0	0	1	3	
	Total	195,944	62	8,663	39,216	58,288	55,780	30,621	3,31
12c. Total Eligibles Receiving Dental Treatment Services	CN	103,404	14	1,231	15,205	32,644	31,398	20,394	2,51
rvices	MN	5	0	0	0	0	1	1	
	Total	103,409	14	1,231	15,205	32,644	31,399	20,395	2,52
12d. Total Eligibles Receiving a Sealant on a	CN	20,288				12,082	8,206		
Live many was above.	MN	0				0	0		
	Total	20.288				12.082	8,206		

	Ann	ual EPSDT P	articipati	on Report					
		Form	CMS-416						
		Fiscal '	Year: 201	1					
		State:	Arkansas						
Description	Cat	Total	< 1	1-2	3-5	6-9	10-14	15-18	19-20
12e. Total Eligibles Reciving Dental Diagnostic Services	CN	204,263	102	10,316	41,168	59,432	57,131	32,323	3,791
	MN	7	0	0	0	0	1	3	3
	Total	204,270	102	10,316	41,168	59,432	57,132	32,326	3,794
12f. Total Eligibles Receiving Oral Health Services provided by a Non-Dentist Provider	CN	0	0	0	0	0	0	0	
	MN	0	0	0	0	0	0	0	
g. Total Eligibles Reciving Any Dental Or Oral alth Service	Total	0	0	0	0	0	0	0	
	CN	209,071	105	10,400	41,857	60,727	58,389	33,566	4,027
	MN	8	0	0	0	0	1	3	- 4
	Total	209,079	105	10,400	41,857	60,727	58,390	33,569	4,031
13. Total Eligibles Enrolled in Managed Care	CN	387,228	20,437	49,282	71,477	87,792	87,548	58,581	12,111
	MN	51	0	1	1	5	14	21	9
	Total	387,279	20,437	49,283	71,478	87,797	87,562	58,602	12,120
, Total Number of Screening Blood Lead Tests	CN	15,788	353	8,897	6,538				
	MN	0	0	.0	0	- 14			
	Total	15,788	353	8,897	6,538				

CMS 416 Report Summary Comparison

CMS 416 - 2014 Report

National Data

Arkansas

•	- 1	2a:	46	9%

• 12b: 42.1%

• 12c: 21.5%

• 12d: 6.6%

• 12e: 16.%

• 12f: 2.9%

• 12g: 48.3%

• 12a: 51.9%

• 12b: 48.7%

• 12c: 25.7%

• 12d: 5.0%

• 12e: 13.2%

• 12f: 0%

• 12g: 51.9%

CMS Form 416

- Definitions and Instructions for state submission:
 Version Nov 2014
 - https://www.medicaid.gov/medicaid-chip-programinformation/by-topics/benefits/downloads/cms-416instructions.pdf
 - https://www.medicaid.gov/medicaid-chip-programinformation/by-topics/benefits/downloads/416-faqs.pdf

MSIS Data

Medicaid and Statistical Information System *Medicaid Payments*

Key eligibility, enrollment, program, utilization and expenditure data for Medicaid and the Children's Health Insurance Program (CHIP)

Table 16 Fiscal Year 2012 Medicaid Payments by Basis of Eligibility (BOE) of Beneficiaries
Source: FY2012 MSIS State Summary DataMart (States excluded: AZ, CO, DC, FL, HI, ID, KS, LA, MA, ME, TX, UT)
Produced: 1/15/2015

STATE	FY 2012 TOTAL PAYMENTS	AGE 65 AND OLDER	BLIND/ DISABLED	CHILDREN	ADULTS	FOSTER CARE CHILDREN	CERVICAL CANCER WOMEN*
AK.	\$1,333,705,473	5207,167,464	\$526,011,771	\$333,326,516	\$205,679,597	344,457,625	\$2,716,534
AL.	\$4,107,251,877	\$806,797,918	\$1,703,941,783	\$831,362,259	\$348,776,422	\$102,158,598	\$16,143,821
AR	\$3,582,287,234	5694,128,469	\$1,599,932,339	\$978,127,413	\$172,432,563	573,206,584	\$13,038,694
CA	\$35,509,650,692	\$7,077,488,471	\$16,509,530,049	\$5,589,003,497	\$5,129,930,932	\$544,904,707	\$139,352,904
CT	\$5,881,762,015	\$1,620,767,872	\$1,884,301,710	\$931,601,457	\$1,375,392,268	\$25,475,329	\$4,661,372
DE	\$1,568,919,630	\$207,098,003	\$496,236,398	5290,070,200	\$541,041,192	\$17,389,128	\$1,600,291
GA	\$9,097,604,331	\$1,074,765,572	\$3,454,120,507	\$2,230,374,477	\$1,476,667,476	\$145,959,258	\$105,390,997
IA.	\$3,424,347,984	\$723,945,942	\$1,599,315,052	\$544,426,548	8357,994,705	\$71,262,406	\$4,496,381
II.	\$13,447,497,357	\$1,507,946,780	\$5,404,765,495	\$2,522,771,383	\$1,839,265,024	\$260,578,392	530,289,328
IN	\$6,549,757,761	\$1,228,951,878	\$3,227,892,132	\$1,144,599,112	\$786,258,671	\$102,343,039	\$26,707,587
KY	\$5,663,553,697	\$738,164,497	\$2,690,041,067	\$1,259,725,578	\$658,071,811	\$189,765,308	\$10,711,978
MD	\$7,448,916,811	\$1,089,977,132	\$3,253,685,348	\$1,439,641,513	\$1,405,112,132	\$174,914,226	\$13,463,120
MI	\$12,302,236,874	\$1,769,077,593	54,963,902,633	\$2,113,217,685	51,804,188,470	\$66,444,897	\$22,797,730

MSIS Data Eligibilities by Age Group

Table 05 Fiscal Year 2009 Medicaid Eligibles by Age Group Source: MSIS State Summary FY 2009 (States excluded are MA, UT and WI) Created: 10/28/2011

Created	. 10/20/2011												
STATE	FY 2009 TOTAL ELIGIBLES	UNDER 1	1 to 5	6 to 12	13 to 14	15 to 18	19 to 20	21 to 44	45 to 64	65 to 74	75 to 84	85 AND OVER	GROUI UN- KNOWN
AK	128,774	5,680	25,299	27,429	6,802	14,485	4,504	24,666	11,403	4,260	2,953	1,293	0
AL	954,793	36,477	171,141	169,884	39,272	78,264	33,100	198,189	107,478	52,321	43,046	25,621	0
AR	755,565	25,433	139,522	161,071	39,590	79,038	28,373	144,642	68,246	29,731	23,556	16,362	1
AZ	1,721,267	58,848	269,824	279,643	66,076	128,196	61,540	532,615	220,749	50,316	35,127	18,331	2
CA	11,168,140	324,413	1,406,929	1,392,991	379,591	967,380	582,946	4,036,023	1,079,143	482,961	354,163	161,594	6
co	632,255	30,781	142,202	126,400	25,571	48,951	15,552	133,483	52,609	24,742	19,262	12,702	0
CT	586,751	17,907	85,633	99,749	25,690	52,281	19,266	148,114	69,121	24,822	22,771	21,397	0
DC	175,678	5,923	25,864	26,750	7,262	16,689	8,449	40,231	28,856	8,037	4,785	2,830	2
DE	207,357	6,122	30,978	31,315	7,333	15,314	8,082	65,680	28,225	6,126	4,822	3,360	0
FL	3,421,911	143,095	629,753	591,094	140,261	278,429	102,957	736,163	354,649	202,527	154,929	88,054	0
GA	2,048,362	98,730	441,709	464,913	107,621	206,429	58,272	331,019	168,888	80,168	57,417	33,187	9
-			- 12231		-1775								-

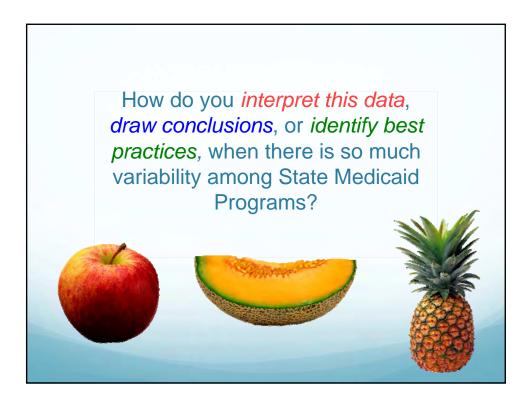
T-MSIS

- Enhanced information:
 - Key eligibility
 - Enrollment
 - Programs
 - Utilization
 - Expenditure data
 - Statistics for Medicaid and CHIP.

MAX Data

- Extracted from MSISI to *support research and policy analysis*.
- MAX data is organized into annual calendar year files

Table P3.5: FFS information for Non-Dual Medicaid Enrolless (excludes EDB Duals, people even servined in HMCNPOs or PACE, who is purchase of MC coverage; — NDTE: 5-CHP only, FP Duly, and Alines w											
State: All											I
Massure	Expected Range	2010 Value	2010 Value Within Range	2011 Value	2011 Value Within Range	2012 Value	3012 Value Within Range	% Change 2010 - 2011	% Change 2011 - 2012	Cross Year Expected Range	
Total Non-Owal FES Encounts	266	591.050	94	578.753	NA	585.583	MA	0	1.	30% (+/-)	T
Total Non-Oual FFS Reopierts	AUA	526.843	NA	528,004	N/A	533.463	NA	0	1	30% (+(-)	+
Non-Out FFS Emplies Who are Recovers	N/A	91	NA	91	N/A	91.41	NA	1	0	30% [46-]	+
Idal Non-Qual FFS Person Warn of Enrolment	NA -	490,924	NA	496,310	N/A	499,230	NA	-1	100	30% (+/-)	t
get fctal	N/A	1,176	NA	1,510	N/A	1/098	NA	- 4	-4	30% (+/-)	T
ged, Cash (MAX Eig Code = 11)	NA -	531	768	493	N/A	508	N/A	- 1	3	30% (+/-)	1
Iged, Medically Needy (MAX Elig Code = 21)	MA	B4	NA.	74	N/A	70	N/A	-12	-6	30% (1/-)	Т
Aged, Poverty (MAX Big Code = 31)	_NA	100	NA.	103	NA.	106	N/A	3	- 3	30% (+/-)	T
Other Aged (MAX Elig Code > 41)	N/A	481	NA	440	N/A	414	N/A	- 6	- E	30% (+/-)	1
115 Ages (MAX Elig Code = 51)	NA.		NA	0	NA	0	N/A	Div by D	Div by 0	30% (+/-)	1
Disabled	NA.	87.359 79.569	N/A	90.215	NA	82,565 84,513	N/A	3	3	30% (1/-)	4
Seathlist, Clerk (MAX Elig Cools = 12) Seathled, Medicarry Neody (MAX Elig Cools = 22)	NA NA	79.368 2.001	NA .	1,568	N/A	1,990	AVA N/A	4	1	30% (*f-) 30% (*/-)	4
Disabled, Poverty (MAX Eliq Code = 32 or SA)	NA.	926	NA.	1,900	N/A	1,090	NA	- 7	10	50% (%)	+
Other Dissibled (MAX Elig Code = 42)	N/A	1.416	N/A	1.348	NA.	1336	NA	-5	-1	30% (+/-)	+
	NA NA	3,647	N/A	3.764	N/A	4.028	N/A	-0.	7		+
1115 Dissibled (MAX Elig Code = 52)									1	30% (+/-)	+
Onlid	NA	441,351	NA:	437,039	N/A	439,275	N/A	-1		30% (+/-)	+
NFDC Child, Cash (MAX Elig Code = 14)	NA	13,398	NA	11,959	NA	10,773	NA	-11	vt0	30% (%)	4
AFDC-U Child, Cash (MAX Elig Code = 16)	NA.	0	'NA'	9	N/A	0	NA	Div by 0	DIV by 0	30% (+/-)	1
PDC Chist, Meskatly Needy (MAX Elig Code + 24)	ALA	A34	NA	346	NA	272	NIK	-20	-21	30% (+/-)	1
Onld Poverty (MAX Big Code = 34)	AGA.	324,836	NA:	321,134	NA.	326,775	NISK	-1	2	30% (+/-)	1
Deler Child (MAX Elg Code = 44)	:NA:	1,893	N/A	2.039	NA	1.821	NA.	8.	Stt	30% (+/-)	1
Foster Care Child (MAX Elier Code = 48)	- N/A	8.207	NA	8.270	NA	8.284	NA		b	30% (+/-1	Ŧ



National Profile: Descriptive Database of Medicaid Dental Programs

- 2013 First Survey Results -> Variability
- Annual 50+ item Survey Questionnaire (4th year)
- Cross-sectional study design
- Records a snapshot of the 50+ state Medicaid and CHIP oral health programs at a point in time.
- o Online platform: http://www.msdanationalprofile.com/

Purpose

The purpose of the MSDA National Profile of State Medicaid and CHIP Oral Health Programs is to:

- •contribute *comprehensive*, *valid*, and *relevant*, *descriptive*, *quantitative*, and *qualitative* Medicaid and CHIP dental program information and data to a *publically available* national and state-based oral health *measurement system*;
- •Use in conjunction with the the Big Data; so to
- •identify *national trends* and *program characteristics* that *advance the quality* of the oral healthcare delivery system for Medicaid and CHIP beneficiaries.

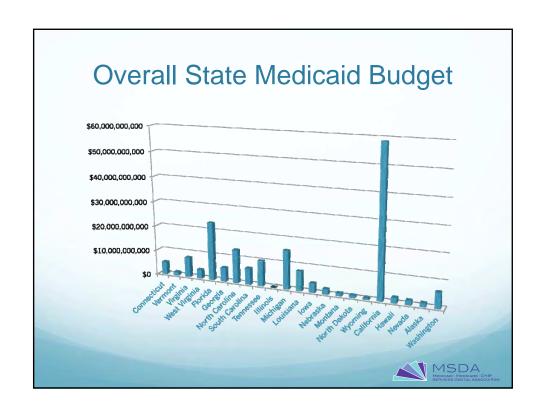


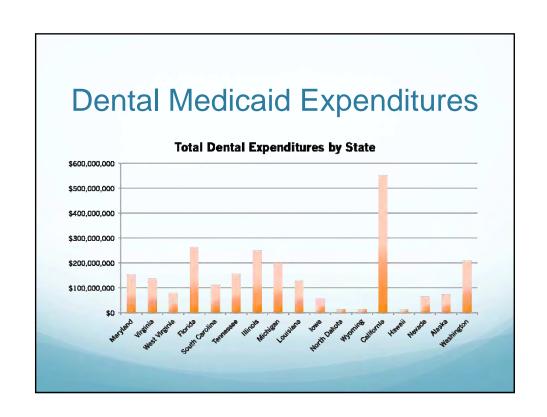
Type of CHIP Program

Regions	Medicaid Expansion	Separate CHIP	Combined
1	1	1	5
2	0	1	1
3	0	2	4
4	0	5	3
5	0	0	6
6	0	1	4
7	0	0	4
8	0	4	2
9	0	1	2
10	1	3	1
National	2	16	32

Separate Dental Budget MSDA MERICAL IMPROVATION OF THE PROPERTY ASSOCIATION OF THE PRO

State	Dental Program	Administration	Service Expenditures
Maryland	X	X	X
Virginia	X	X	X
West Virginia	X	-	X
Alabama	X		-
Florida	X	•	X
North Carolina	X	•	X
South Carolina	X	X	X
Tennessee	X	X	X
Illinois	X	•	=
Michigan	X	-	
Louisiana	X	-	X
Nebraska	X	•	-
North Dakota	X	·	X
Wyoming	X		
California	X	·	X
Hawaii	X		X
Alaska	X	-	
Washington	X	-	X
National Summary	18	4	12





New Administrative Models

Managed Care Organizations

Accountable Care Organizations

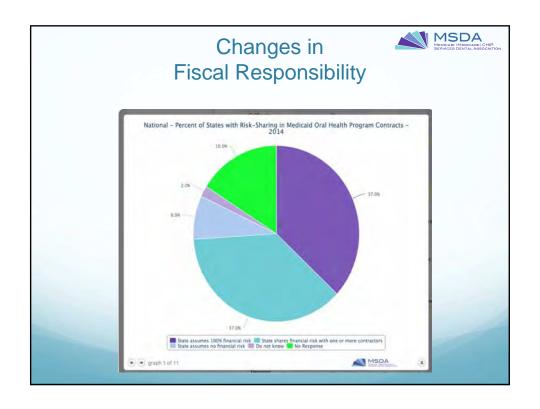
Dental Benefits Administrators

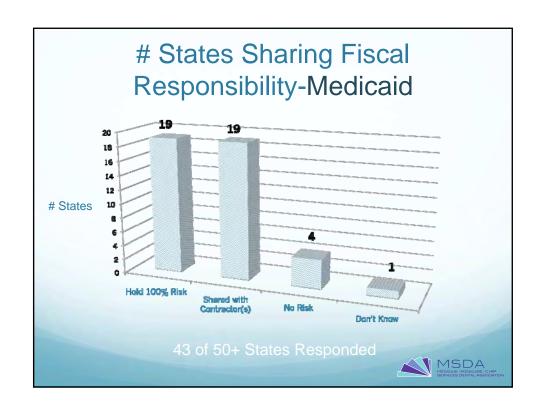
Carve-Ins and Carve-Outs

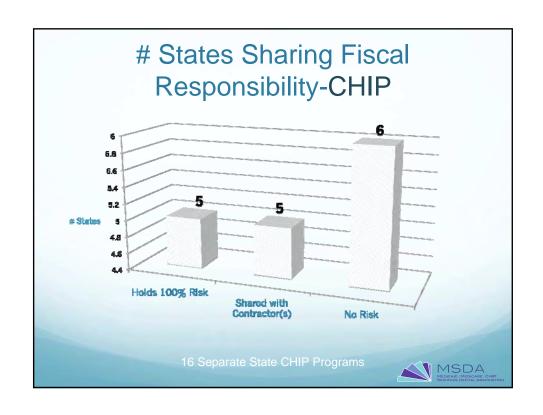
New Payment Models

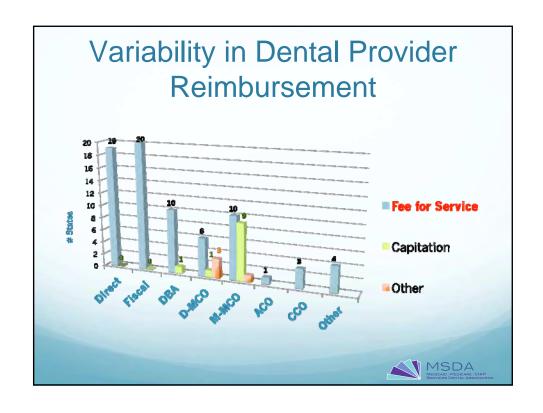
New Provider Types

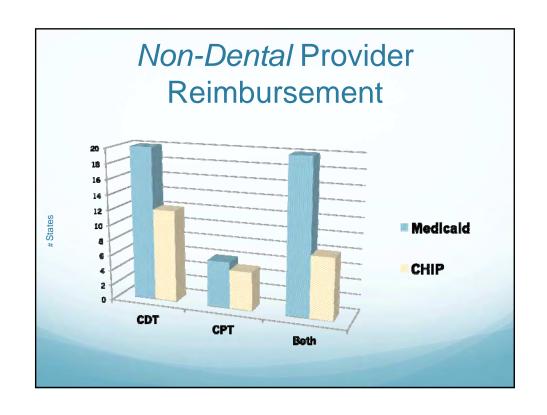
Pay-for-Performance





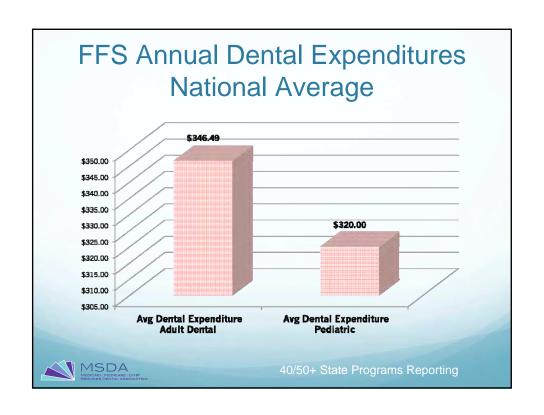


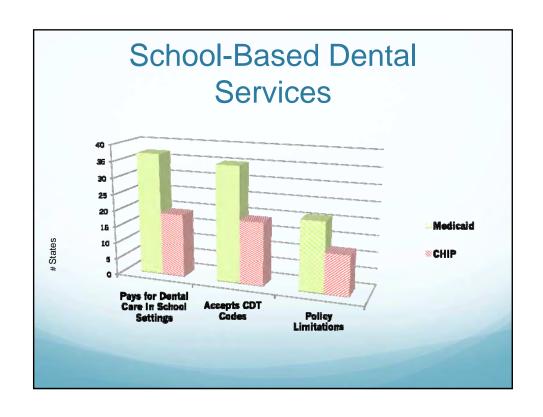


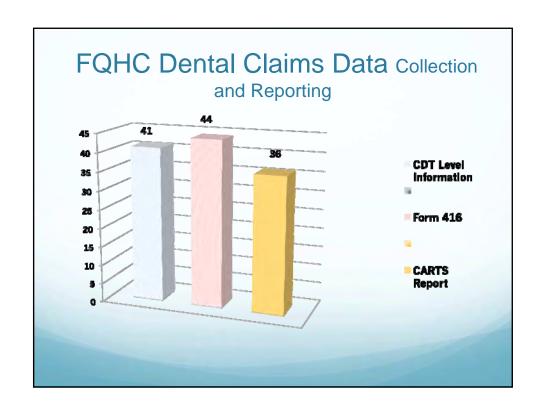


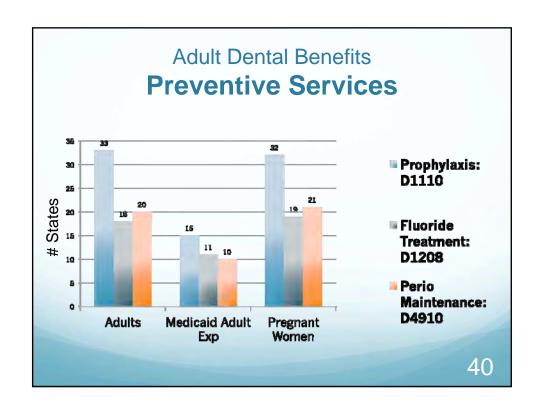


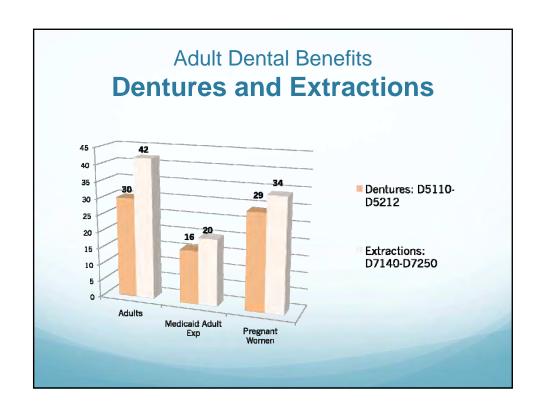
Arizona Managed Care					
11 M-MCOs	Category	Children-M	Children-CHIP		
Bridgeway	Subgroup-By Special Geographic Area	9,938	954		
Care 1st	Subgroup-By Special Geographic Area	38,535	3,060		
Comprehensive Medical and Dental Program	Subgroup-By Special Population	14,533			
Division of Developmental Disabilities	Subgroup-By Special Population	15,256			
Health Choice	Subgroup-By Special Geographic Area	121,028	10,339		
Health Net Access	Subgroup-By Special Geographic Area	31			
Maricopa Health Plan	Subgroup-By Special Geographic Area	36,578	3,392		
Mercy Care Plan	Subgroup-By Special Geographic Area	199,636	15,899		
Phoenix Health Plan	Subgroup-By Special Geographic Area	130,433	11,617		
United Health Community	Subgroup-By Special Geographic Area	163,391	14,288		
University Family Care	Subgroup-By Special Geographic	42,436	3,334		

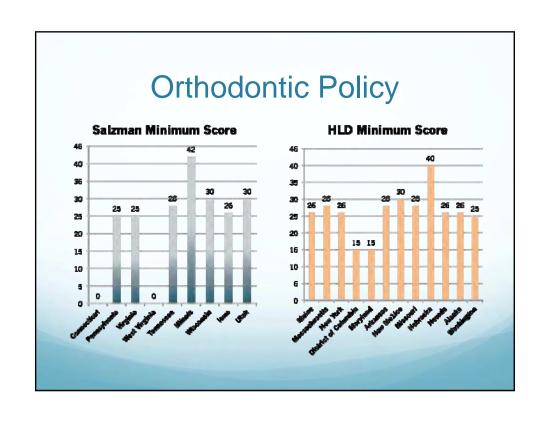




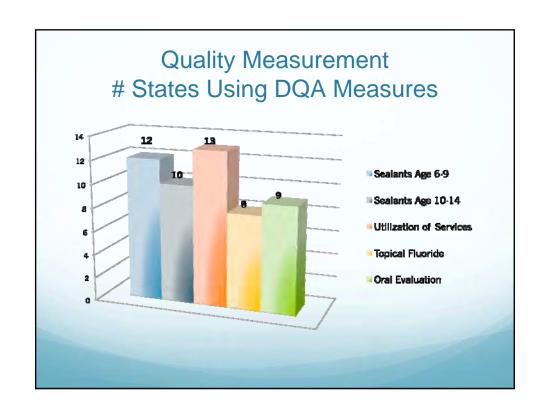








Risk-Based Care Arizona ■ States Using Montana Caries Risk Assessment Codes Texas D0601; D0602; D0603 Illinois States Not Using Tennessee Risk Assessment Codes Delaware New Jersey Connecticut





2016 National Medicaid and CHIP Oral Health Symposium



Bringing It All Together

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MSDA State Membership: Travel Stipends Available \$\$

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