



What is the UDS Mapper?

- The UDS Mapper:
 - is an online mapping and data display tool
 - allows for easy visualization of areas served by Health Center Program Grantees
 - provides users access to other relevant data sources, supplying additional information and context for the displayed UDS data
 - Currently shows other facilities around Health Center Program Grantees
 - was developed by the AAFP's Robert Graham Center for Policy Studies in Family Medicine and Primary Care as part of the *Health*Landscape mapping platform, with data provided by John Snow, Inc.

www.udsmapper.org

Agenda

- Brief demonstration of the UDS Mapper
- > Data sources and new features of the 2012 update
- How to use the new features of the UDS Mapper for the assessment of gaps in the safety net.
- Additional data needed (RHCs and other safety net providers)

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Questions and discussion

Who Can Use the UDS Mapper?

• The UDS Mapper is open to everyone, not just Health Center Program Grantees

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- To begin using the UDS Mapper all you have to do is register for a username and password at <u>www.udsmapper.org.</u>
- More than one person from an organization CAN have a login for the UDS Mapper

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Data in the UDS Mapper Calculated layers Penetration of low-income and total populations

- ZCTA-level low-income population not served by grantees (2 layers)
- Change in patients over time (2 layers)
- Demographic layers (2010 US Census and 2006-2010 American Community Survey
 - Percent poverty
 - Percent low-income
 - Percent non-white
 - Percent Hispanic
- Population Indicator layers

Data in the UDS Mapper

- Other data in the UDS Mapper
 Point location of health care providers
 Health Center Program (HCP) Grantees
 HCP Grantee Access Points

 - FQHC Look-Alikes
 Rural Health Clinics
 NHSC sites

 - Hospitals (Critical Access, Short Term and Other Hospitals) Facility and Point HPSAs (CHCs, FQHC-LAs, RHCs, and tribal organization facilities) ۲

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- Medically Underserved Areas/ Populations
- Health Professional Shortage Areas (Primary Care)
- Geographic boundaries and highways ۲
- Background options include satellite imagery, topographical maps, and street maps

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11 of 33 Data Considerations UDS Data Health Center Program Grantees only ZCTA only • If there are 10 or fewer patients from a HCP Grantee in a ZCTA, those data are suppressed • Low-income calculations are based on 100% of patients ZCTAs ▶ 2010 Census and ACS estimates

Changing/evolving ZIP Code boundaries





























What the Fall 2012 Update Included

- Updated language
 - Grantee, Section 330 Grantee → Health Center Program Grantee or HCP Grantee
- Updated from 2010 to 2011 UDS data
- Updated income-level demographics to 2006-2010
 American Community Survey Data
- Enhanced ZCTA rollover
- Two new "Explore Service Area" tools
 - by Patient Origin
 - by Distance
- Population Indicators Sliders

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Data Sources for the New Features Estimates

- By Distance: Esri
- Population Indicators
 - American Community Survey (ACS)
 - % Population in Poverty, 2006-2010
 % Population Low-Income, 2006-2010
 - % Population Low-Income, 2006-2010
 % Population Not Employed, 2006-2010
 - % Population Uninsured, 2008-2010
 - HRSA Area Resource File (ARF) 2011
 - Low Birth Weight Rate
 - CDC Vital Statistics 2009
 - Age-Adjusted Mortality Rate
 - Behavioral Risk Factor Surveillance System (BRFSS) 2006-2010
 % Adults Ever Told Have Diabetes
 - Adults with No Dental Visit in the Past Year
 - % Adults Who Have Delayed or Not Sought Care Due to High Cost
 - MAdults with No Usual Source of Care
 - www.udsmapper.org

Additional Information

- Extensive user support tools including PowerPoint slides and videos
- Weekly and personalized one-on-one webinars

New Tools

- 'By Patient Origin' tool
- 'By Distance' tool
- Population Indicator sliders























	Explanation of Data* for by Patient Origin Service Area Calculations										
		Servi	ice Area	(tions					
	ZCTA	# Patients	Cum. %	Γ	ZCTA	# Patients	Cum. %				
	12345	1,089	21.78%		76543	91	92.68%				
	34567	796	37.70%		89012	90	94.48%				
	98765	701	51.72%		43210	77	96.02%				
	23456	432	60.36%		10987	59	97.20%				
	65432	286	66.08%		88888	44	98.08%				
	45678	245	70.98%		78901	32	98.72%				
75%	▲ 32109	200	74.98%		21987	20	99.12%				
	54321	197	78.92%		89123	11	99.34%				
	87654	172	82.36%		01234	11	99.56%				
	56789	154	85.44%		90123	11	99.78%	2004			
	21098	145	88.34%	1	32198	11	100%	00%			
	67890	126	90.86%		TOTAL	5,000					
88	* Hypothetical data www.udsmapper.org										







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	Post Office	Sate	I d HCP Grantees	Dominant HCP Grantee, 2011	Share of Patients	Total Populatio	Low-	Total # HCP	Unserved By HCP	Penetratio	Penetrati on d	10-11 Patient %	09-11 Patient %	09-11 Patient	% Pop. in Poverty,	% Low-	% Non- White, 2010	% Hispanic, 2010	
Summary.			_			1,81	503,	60,8	442,548	12.08%	3.3	1,29%	9.37%	5,21	11.8.	28.13%	23.31%	8.83%	
66223		KS	1	SWOPE HEALTH _	100	21,7	1,536	15	1,521	0.97%	0.0	New_	Neu	15.02		3.00%	18.06%		
66219	Lenexa	KS		SWOPE HEALTH	100	10,4	1,116	12	1,104	1.07%	0.1_	-14.2	-29.4	-5.0,	Explore Ser			000	
66216	Shawnee	KS		SWOPE HEALTH	84.7%	243	4,543	72	4,471	1.58%	0.2	53.1_	20.0		Search to G		Patient Origi	n Oby Dist	
66215	Lenexa	KS	2	SWOPE HEALTH	72.2%	24,7_	4,344	54	4,290	1,24%	0.2	+11.4_	-8.47	-5.0			County or Sta	ste	
66214	Overland Pa.,	ĸs		SWOPE HEALTH	70.6%	11,6	2,676	58	2,618	2.16%	0.4	-34.8	-7.93				1		
66213	Overland Pa.,	KS		SWOPE HEALTH	100	27,3	2,863	18	2,845	0.62%	0.0_	-35.7_	-21.7	-5.0	Selected H	P Granteer			
66212	Overland Pa.,	KS		SWOPE HEALTH	70.0%	32,0	7,459	120	7,339	1.60%	0.3_	-1.63	-4.00_		Surche Hea				
66210	Overland Pa.,	KS		SWOPE HEALTH	56.0%	18,1	2,169	66	2,103	3.04%	0.3	-31.2	288	18			umunity Healt	the Constant Inc.	
66208	Prairie Villa.,	KS		SWOPE HEALTH _	100	20,9	2,337	21	2,316	0.89%	0.1_	New_	90.9	a fa		00901000	engency reas	0100100,776	
66207	Overland Pa.,	KS		SWOPE HEALTH	100	13,0	1,784	12	1,772	0.67%	0.0	0	New	1					
66205	Mission	KS		SWOPE HEALTH	100	13,2	1,734	23	1,711	1.32%	0.1_	-37.8	9.52%	- 4					
66204	Overland Pa.,	KS		SWOPE HEALTH	100	18,8	4,578	86	4,492	1.87%	0.4	-15.6	13.1_	10.0					
66203	Shawnee	KS	3	SWOPE HEALTH _	75.5%	19,1_	5,314	147	5,167	2.76%	0.7_	40.0	54.7	52.0					
66202	Mission	KS		SWOPE HEALTH	83.7%	16,1_	4,414	80	4,334	1.87%	0.4	6.66%	3.89%	3.0					
66112	Kansas Oty	ĸs		SWOPE HEALTH _	100	11,4	4,115	385	3,730	9.35%	3.3	12.2	38.4.,	102.				Clear Selec	
66111	Kansas City	KS		SWOPE HEALTH	100	10,1	2,996	217	2,779	7,24%	2.1_	-2.69	17.2	32.0					
66109	Kansas Oty	KS	2	SWOPE HEALTH	94.7%	20,4	3,556	268	3,288	7.53%	1.3	28.8	763	116	5.15%	17,47%	28.99%	7,21%	
66106	Kansas Oty	KS	3	SWOP	707		- + l-	a a la	- A - la l		- 14		le e	84.00	17.8	38.76%	27.63%	29.53%	
66105	Kansas Oty	ĸs	2						atchi					32.00	33.9	57,44%	41,72%	64,74%	
66104	Kansas City	KS		swor man	o wil	l be	inclu	idec	l in tl	ne Z0	CTA	data		187	22.7	51.82%	69.31%	16,21%	
66103	Kansas City	KS	2											-25.00	25.8	48.49%	42.10%	36.45%	
66102	Kansas Oty	KS							ent C					-49.00	28.7	60.88%	55.99%	44.82%	
66101	Kansas Oty	ĸs		SHOP 7CT	As ti	hat a	ire s	elec	ted i	n the				-104	42.8	78.36%	63.46%	41,80%	
66062	Olathe	KS	3											-32.00	4.92%	12.37%	15.16%	6.81%	
66061	Olathe	KS		KANS Geo	grap	ohy (or by	y Dis		e toc	dis v	vill n	ot	-15.00	6.52%	21.32%	18.54%	13.98%	















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Summary.			_		_	934	345,	54,5	290,527	15.81%	5.8.,	14.1	17.9	8,32	17.4.,	37.63%	47.52%	8.75%
70461	Sidel	LA	4		91,4%	27,8	5,781	481	5,300	8,31%	1,7,	18.7	53.1	167	7.62%	20.88%	25.85%	
20131	New Orleans	LA	- 4	EXCELTH INC.	50.8%	29,9	9,960	871	9,089	8,74%	2.9	-13.8	-19.9	-217	17.4	33.48%	67.78%	5.19%
70130	New Orleans	LA	4	ST. THOMAS CO	82.6%	14,0	5,183	1,066	4,117	20.56%		-6.73	-19.5	-259		37,24%	37.90%	7.33%
70129	New Orleans	LA	3	ST. THOMAS CO	47.1%	9,064	5,762	265	5,497	4.59%	2.9	10.4	1.92%	5.00	31.4	63.58%	86.95%	9,20%
70128	New Orleans	LA		ST. THOMAS CO.,	57.7%		6,567	582	5,985	8.85%	3.4	-3.80.,	-5.82	-36.00	17.8	39.30%	97,39%	2.19%
70127	New Orleans	LA	5	ST. THOMAS CO	56.8%	20,4	10,9	730	10,254	6.64%	3.5	-17.1	-12.0	-100	28.8	53.75%	96.64%	1.96%
70126	New Orleans	LA		ST. THOMAS CO.,	52.3%	23,9	14,2	954	13,248	6,71%	3.9_	-20.1	-12.3	-135	27.1	59.54%	94,35%	2.53%
70125	New Orleans	LA	5	ST. THOMAS CO.,	65.0%	14,4	6,111	540	5,571	8.83%	3.7	-31.9	-29.9	-231	22.5	45.72%	65.32%	5.77%
70124	New Orleans	LA		ST. THOMAS CO.,	43.0%	16,8	3,484	86	3,398	2.45%	0.5	-52.4	-51.9	-93.00	8.54%	20.71%	9.86%	6.25%
70123	New Orleans	LA	3	JEFFERSON CO.,	79.9%	26,4	5,610	859	4,751	15.31%	3.2	5.78%	19.9	143	9.15%	21.52%	15.08%	5.43%
70122	New Orleans	LA	5	ST, THOMAS CO.,	51.1%	28,5	11,8	1,118	10,765	9,42%	3.9	-13.4	-12.1	-155	19.5	42.90%	82.62%	4.59%
70121	New Orleans	LA	3	JEFFERSON CO.,	57.2%	12,0	4,649	393	4,256	8.45%	3.2	-35.1	-39.7	-259	15.4.,	39.38%	30.50%	9.28%
20119	New Orleans	LA	5	ST. THOMAS CO.,	61.8%	36,2	18,2	1,115	17,115	6.11%	3.0	-29.1	-41.4	-789	33.0	54.58%	68.29%	9.42%
20118	New Orleans	LA	5	ST. THOMAS CO.,	80.2%	33,0	13,1	568	12,551	4.32%		-59.8	-60.9	-885	25.1	45.69%	44.18%	4,91%
20117	New Orleans	LA	5	ST. THOMAS CO.,	45.6%	23,3	14,3	1,016	13,318	7.08%	43	-32.1	-37.0	-599	33.8	61.31%	78.98%	3.65%
20116	New Orleans	LA	- 4	ST. THOMAS CO.,	55.6%	11,5	5,636	363	5,273	6.43%	3.1	-35.8	-35.7	-202	27.8	49.08%	57.68%	5.09%
20115	New Orleans	LA		ST. THOMAS CO.,	75.1%	31,6	11,0	998	10,003	9.07%	3.1	-12.0	-20.9	-264	17.1	34.92%	37.90%	5.60%
20114	New Orleans	LA	5	EXCELTH INC.	55.4%	22,8	11,4	1,419	10,080	12.33%	6.2	-17.9	-19.1	-337	24.5	50,74%	79.42%	5.13%
20113	New Orleans	14	4	ST. THOMAS CO.,	59.4%	7,625	4,769	868	3.901	18.12%	12	29.5.	-5.03	-46.00	36.6.	67,89%	87.97%	5.86%
70112	New Orleans	19	The c	data tab	le wi	ill he	nor	nula	ted v	vith c	lata	for	the	7CT	As	59.91%	64.02%	5.69%
70094	Westwego															43.00%	\$1.34%	7.83%
70092	Violet	n t	nat v	were sel	ecte	a by	r the	ariv	/e bu	tter (area	a) m	nus	any	41.97%	43.49%	5,35%
70067	Saint Rose	1.5		ls you d	مدماه	ecter	1 an	d nlı	is an	v 7C	TΔc	VOU	add	led i		38.64%	49.59%	9.45%
70085	Saint Borna.															51.84%	12,74%	11.42%
70060	Paradis	- t	his t	ool. ZC	IAs s	seled	cted	in t	ne by	' Gec	ogra	phy	and	the	by	30.83%	15.92%	5.84%
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UDS Mapper Uses for SORH

- Identifying possible locations for building consortia for GME funded Rural Training Tracks (Rural Health Clinics and Critical Access Hospitals)
- Gaining a better understanding of where there are gaps in the safety net and where additional resources should be focused
- Approximation of estimated drive time catchment areas for geographic accessibility

What is Next for the UDS Mapper?

- 2012 UDS update to include HCP Grantee Look-ALike data
- Integrating the UDS Mapper to the HealthLandscape mapping platform on the most recent Esri ArcGIS servers and software
- Additional Data?

