



Indiana Health Information Exchange

Better Outcomes. Delivered.

Quality Health First[®] Program

Turning Claims and Clinical Data into Clinical Quality Measurements

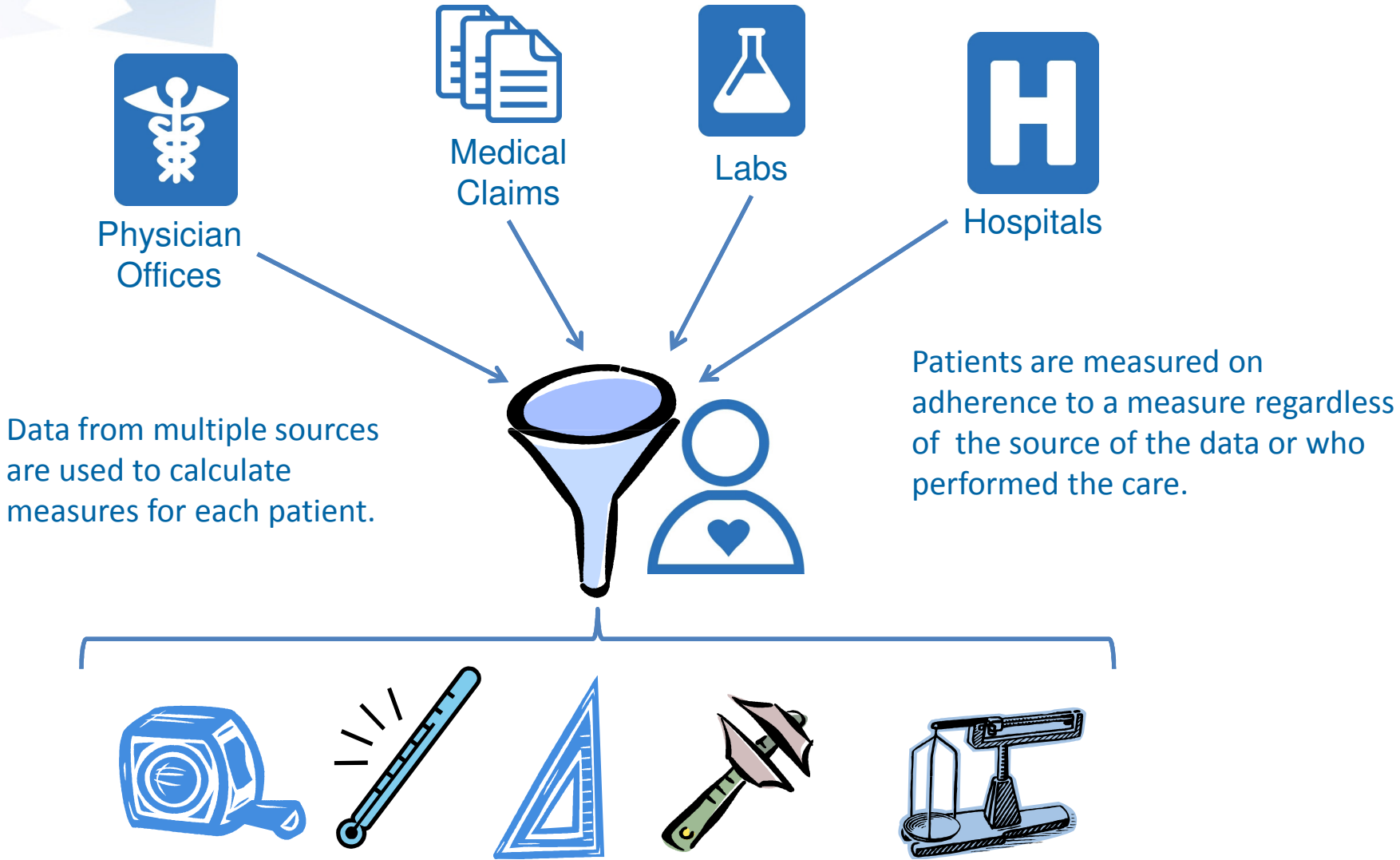
Aaron N. Cutshall, MSCIS, MCAS – Sr. Business Systems Analyst



Beginning Points

- INPC – Clinical Repository
 - Loading Claims Data
 - Loading Additional Clinical Data
- Provider Attribution
 - Categories
 - Preponderance of Evidence
- Measure Definitions & Calculations
 - Starting Points
 - Cohort Extract
 - Calculations
 - Scoring

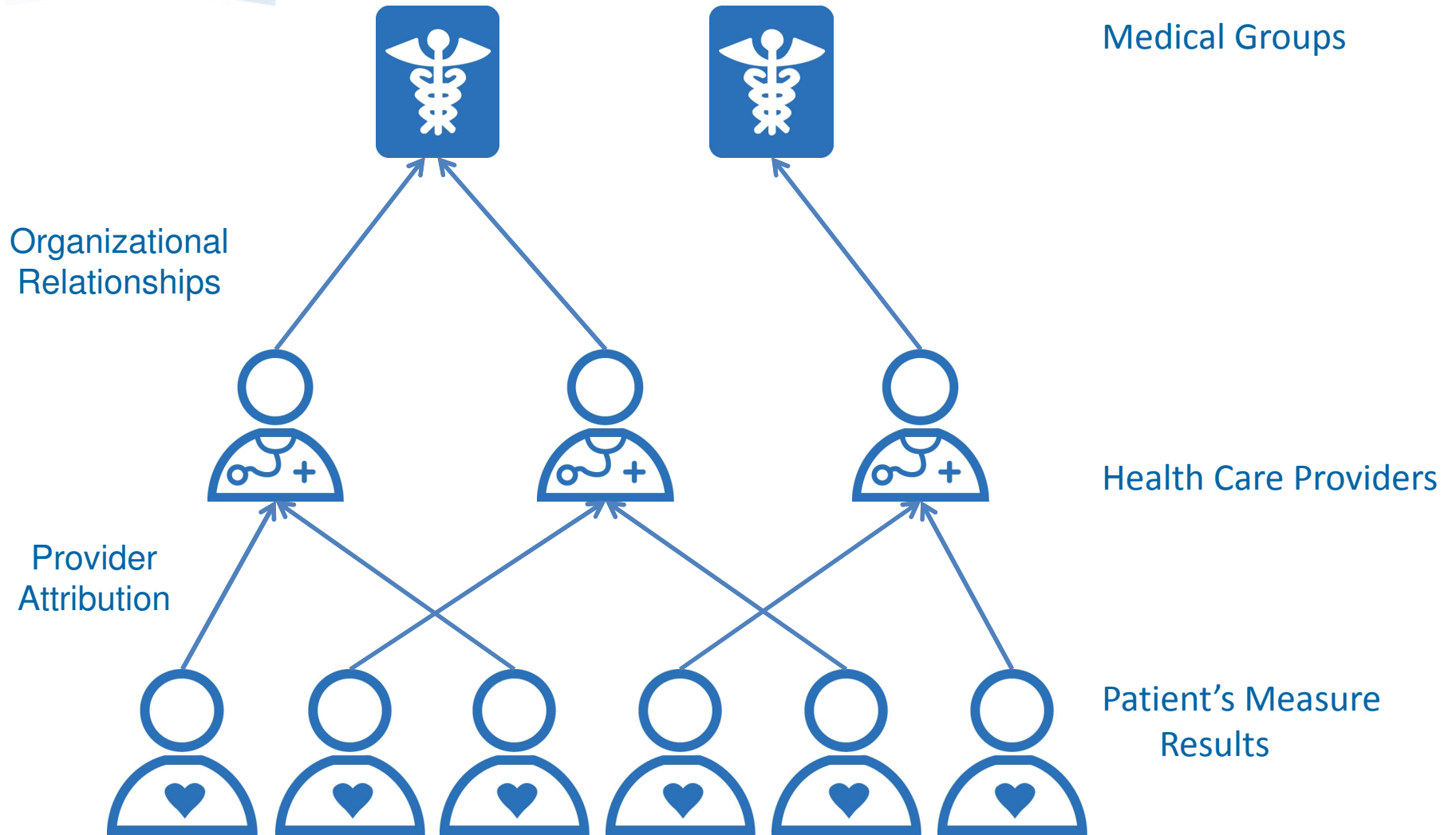
Patient Measure Calculation



Data from multiple sources are used to calculate measures for each patient.

Patients are measured on adherence to a measure regardless of the source of the data or who performed the care.

Score Aggregation

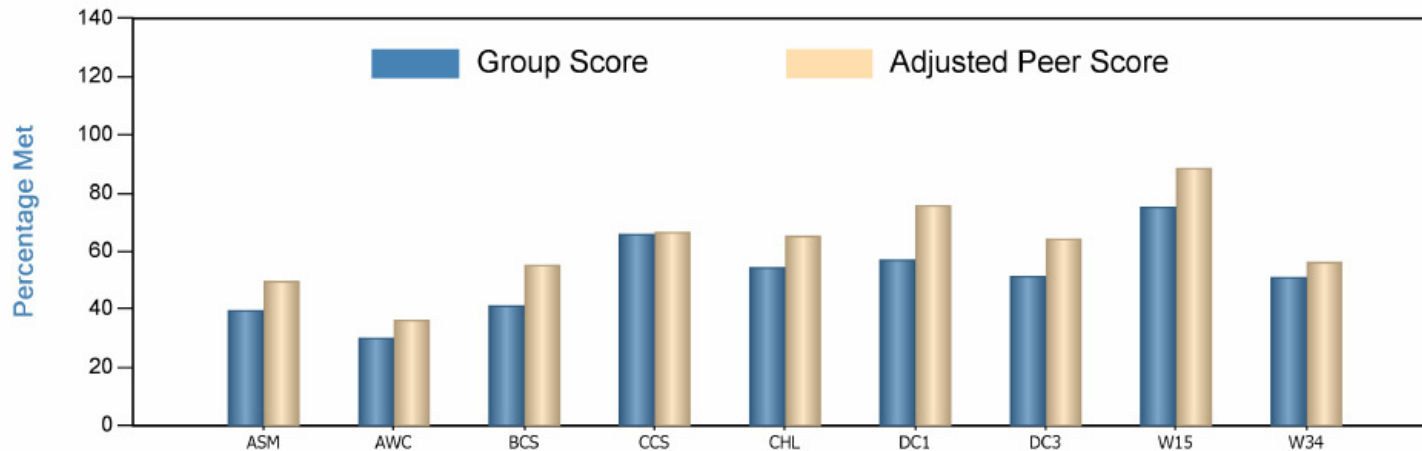


Report Creation and Distribution

Graphical Summary Report:

ABC Medical Group (TaxID: 12-3425789)
As Of 10/31/2009

Medical Group Summary



Number of Patients Per Measure	ASM - Appropriate Medications for People with Asthma	AWC - Adolescent Well-Care Visits	BCS - Breast Cancer Screening	CCS - Cervical Cancer Screening	CHL - Chlamydia Screening	DC1 - HbA1c Testing	DC3 - LDL-C Screening	W15 - Well-Baby Visits	W34 - Well-Child Visits
Population	111	501	174	520	146	89	89	98	310
Alerts	67	350	102	176	66	38	43	24	151
Reminders	3	71	3	15	9	12	11	5	39
PCP or Group Score	39.64%	30.14%	41.38%	66.15%	54.79%	57.30%	51.69%	75.51%	51.29%
Adjusted Peer Score	49.72%	36.29%	55.60%	66.90%	65.49%	76.07%	64.45%	88.80%	56.53%
Relative Performance Index	-20.28%	-16.96%	-25.58%	-1.12%	-16.33%	-24.67%	-19.80%	-14.97%	-9.26%

• Adjusted Peer Score: The Peer (Regional) Score adjusted to reflect the provider's population mix (percentage of Medicare, Medicaid, and Commercial patients); i.e. what the Peer Score would be if the Peer Population Mix was the same as the Provider Population Mix.
• Relative Performance Index: Shown as a percentage, this index is based on the relationship of the Provider Score to the Adjusted Peer Score

Provides a quick review and allows focus on Priority Measures

2/1/2011

Copyright © 2010 Indiana Health Information Exchange, Inc.

Report Creation and Distribution

Measure Metrics Report:

Measure Metrics Report ABC Medical Group (TaxID: 12-3425789) As of 10/31/2009

Measure Description	Combined Participating	Medicare			Medicaid			Participating Commercial			Combined			APS	RPI	Un-known Alerts	Un-known Pop	Total Pop
	Alerts	Pop	Score	Peer	Pop	Score	Peer	Pop	Score	Peer	Pop	Score	Peer					
Asthma Treatment																		
ASM Appropriate Medications for People with Asthma				0.00%	103	35.92%	48.36%	8	87.50%	67.29%	111	39.64%	57.46%	49.72%	-20.28%		10	121
5-12 year-olds				0.00%	52	34.62%	52.85%	1	100.00%	66.39%	53	35.85%	56.86%				1	54
13-20 year-olds				0.00%	23	34.78%	46.16%	2	100.00%	60.94%	25	40.00%	51.46%				1	26
21-56 year-olds				0.00%	28	39.29%	43.02%	5	80.00%	69.21%	33	45.45%	60.82%				8	41
Children's Health																		
W15 Well-Baby Visits				0.00%	96	76.04%	88.96%	2	50.00%	81.36%	90	75.51%	86.74%	88.80%	-14.97%		8	106
W34 Well-Child Visits				0.00%	304	51.64%	56.58%	6	33.33%	53.73%	310	51.29%	55.48%	56.53%	-9.26%		26	336
AWC Adolescent Well-Care Visits				0.00%	454	30.40%	36.24%	47	27.66%	36.81%	501	30.14%	36.57%	36.29%	-16.96%		95	596
Diabetic Care																		
DC1 HbA1c Testing				0.00%	76	57.89%	75.36%	13	53.85%	80.25%	89	57.30%	79.08%	76.07%	-24.67%		20	109
DC3 LDL-C Screening				0.00%	76	50.00%	63.26%	13	61.54%	71.38%	89	51.69%	69.44%	64.45%	-19.80%		20	109
Women's Health																		
BCS Breast Cancer Screening				0.00%	117	30.77%	48.48%	57	63.16%	70.22%	174	41.38%	67.54%	55.60%	-25.58%		142	316
CCS Cervical Cancer Screening				0.00%	414	64.25%	63.80%	106	73.58%	79.01%	520	66.15%	75.99%	66.90%	-1.12%		274	794
21-23 year-olds				0.00%	35	77.14%	80.23%	5	80.00%	76.48%	40	77.50%	78.04%				23	63
24-64 year-olds				0.00%	379	63.06%	62.00%	101	73.27%	79.10%	480	65.21%	75.88%				251	731
CHL Chlamydia Screening				0.00%	135	55.56%	67.18%	11	45.45%	44.64%	146	54.79%	55.41%	65.49%	-16.33%		26	172
16-20 year-olds				0.00%	72	47.22%	64.81%	7	57.14%	43.53%	75	48.10%	54.37%				12	91
21-24 year-olds				0.00%	63	65.08%	70.11%	4	25.00%	45.69%	71	62.69%	56.53%				14	81
Children's Health																		
CWP Children with Pharyngitis				0.00%	32	65.63%	69.09%	6	100.00%	78.92%	38	71.05%	74.26%				2	40
URI Children with Upper Respiratory Infection				0.00%	77	94.81%	90.61%	6	100.00%	87.66%	83	95.18%	89.52%				3	86
Diabetic Care																		
DC8 HbA1c Well Controlled (<7%)				0.00%	76	13.16%	29.82%	13	23.08%	25.71%	89	14.61%	26.69%				20	109
DC2 HbA1c Controlled (<=9%)				0.00%	76	14.47%	48.20%	13	30.77%	38.64%	89	16.85%	40.92%				20	109
DC5 LDL-C Controlled (<100 mg/dL)				0.00%	76	9.21%	32.83%	13	7.69%	27.71%	89	8.99%	28.93%				20	109
DC6 Kidney Disease Monitored				0.00%	76	68.42%	73.62%	13	76.92%	74.74%	89	69.66%	74.47%				20	109
DC7 Retinal Eye Exam				0.00%	76	21.05%	22.38%	13	7.69%	17.64%	89	19.10%	18.77%				20	109
Heart Health																		
OM1 LDL-C Screening				0.00%	4	75.00%	62.22%	4	25.00%	50.15%	8	50.00%	50.73%				1	9
OM3 LDL-C Controlled (<100 mg/dL)				0.00%	4	50.00%	34.14%	4	0.00%	15.50%	8	25.00%	16.40%				1	9
Other Clinical Measures																		
COL Colorectal Cancer Screening				0.00%	100	34.00%	47.22%	48	39.58%	53.08%	148	35.81%	52.38%				126	274
LBP Use of Imaging Studies for Low Back Pain				0.00%	48	87.50%	84.68%	16	56.25%	76.22%	64	79.69%	78.48%				8	72

Shows all measure scores by Payer Population (Medicare, Medicaid, Commercial)

Copyright © 2010 Indiana Health Information Exchange, Inc.

2/1/2011

Report Creation and Distribution

Patient Care Report:

Quality Health First Program

Patient Care View as of 4/30/2008

Dr. A [REDACTED] (ID #1004) From [REDACTED] Group Primary Care

QHF ID: [REDACTED]	Last Name: [REDACTED]	Gender: Male
DOB: [REDACTED]	First Name: [REDACTED]	Age: 64 yr

Alerts		
Cholesterol Management for Patients with Cardiovascular Conditions		
Measure	Description	Notes
CM1	LDL-C Screening	Last LDL-C Screening on Mar 1 2007 according to Wishard Memorial Hospital not within 12 months
CM3	LDL-C Controlled (≤ 100 mg/dL)	Last LDL-C Screening on Mar 1 2007 according to Wishard Memorial Hospital not within 12 months

Did not have an AMI, Coronary Artery Bypass Graft, Percutaneous Transluminal Coronary Angioplasty, or Ischemic Vascular Disease
 LDL Test Date: []/[]/[] [] [] [] [] LDL Test Result (mg/dL): [] [] [] . [] []

Colorectal Cancer Screening		
Measure	Description	Notes
COL	Colorectal Cancer Screening	No Record of Colorectal Cancer Screening on file

Colonoscopy Date: []/[]/[] [] [] [] []	Flexible Sigmoidoscopy Date: []/[]/[] [] [] [] []	Double Contrast Barium Enema Date: []/[]/[] [] [] [] []
Fecal Occult Blood Test Date: []/[]/[] [] [] [] []	Total Colectomy Date: []/[]/[] [] [] [] []	Colorectal Cancer Diagnosis Date: []/[]/[] [] [] [] []

Provides detail of needed and up-coming tests, procedures, screenings, etc.