

# NAHDO Data Quality Forum Cross State Metrics to Assess Data Quality

September 2019

- *Identify cross-state metrics to compare data quality benchmarks*
  - Use NAHDO's Data Quality Forum to gather input and consensus on an agreed upon set of top (10 or so) data validation metrics (pre and post production) to compare across states.
  - Each state should be able to readily calculate these metrics and forward these to NAHDO for compilation
- Data call issued June 25, 2019 for CY 2017 APCD and Hospital Discharge Data Sets

# APCD Measures: 2017 claims

## States reporting: 5

Measures	High	Low	Average
% records with valid NPI	100%	92.7%	97.32%
% claims with valid secondary Dx (2,3,4 etc)	78%	53%	63%
% OP facility w valid CPT	99.24%	78.02%	91.9%
% members w valid race	44%	13.1%	28.4%
%members w valid ethnicity	34.72	0	11.5%
% comm <65 w Rx/Med eligibility	96%	45%	76.5%
% comm market represented	81%	34.9%	56.1%
% of medical claims lines where claim status = 'PAID' and copay, coinsurance and deductible all = 0 for commercially insured individuals	58.8%	40.4%	48%
Most recent month	Varies by state and by payer (FFS Medicare greatest time lag)		

# Inpatient Discharges, CY 2017

## States reporting: 7

Measures	High	Low	Average
% w secondary diagnosis	99.9%	98.5%	98.8%
% valid race code	99%	80.5%	91.2%
% valid ethnicity	98.6%	32.5%	65.4% (of states collecting)
% MSDRG ungroupable	1.25%	0	.2%
% Medicare as payer	45.9%	27.1%	37.5%
% Medicare MCO/Med Adv	States vary widely in how they collect/categorize types of Medicare Payer		
% Duals	7.73%	.9%	N/A
% Medicaid FFS as payer	26.45%	15.5%	23.9%
% Medicaid MCO as payer	15.22%	.86%	N/A
% commercial payer code	States vary in how commercial payers categories (BCBS may be separate category)		
% Self/charity pay	6.57%	1.5%	3.27%
% Other pay	4.62%	0	3.9%

# Discussion: Observations and questions

- In general there is much less variation in quality for inpatient hospital discharge data (not surprising)
- Why are hospital discharge databases able to collect race and ethnicity at a very high level in most states but APCDs across the board cannot?
- States with 100% valid NPI for APCD- how did you achieve this?
- States that release APCD data for periods without Medicare FFS- is there much appetite for this? Do you wait for CMS data before doing more comprehensive reporting?
- There is wide variation in the % of commercial market represented in some state APCDs vs others. What are states that are getting the highest % doing to drive opt-ins?
- High congruence of Medicaid, Medicare, self/charity payer categories but payer categories FFS, MCO, MHO are not comparable across states

# For States Wishing to Participate:

- Hear more about this benchmark project at NAHDO's November meeting in Little Rock
- Contact [info@nahdo.org](mailto:info@nahdo.org) for measures and methods