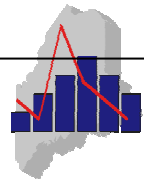


Using Claims Data to Produce HEDIS Measures

Suanne Singer

December 14, 2007

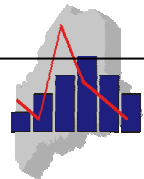
Prepared by the Maine Health Information
Center



What is HEDIS?

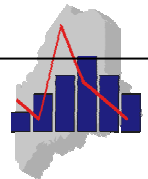
“The Healthcare Effectiveness Data and Information Set (HEDIS) is a tool used by 90+⁰% of health plans to measure performance on important dimensions of care and service.”

www.ncqa.org



What is HEDIS?

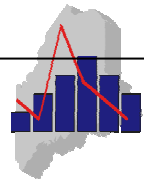
- Series of measures designed to allow consumers to compare health plan performance to other plans and to national or regional benchmarks
- First released in 1993
- HEDIS 2007 has 60+ measures



What is HEDIS?

8 Categories of HEDIS Measures

- Effectiveness of Care
- Access/Availability of Care
- Satisfaction with the Experience of Care
- Health Plan Stability
- Use of Services
- Cost of Care
- Informed Choices
- Health Plan Descriptive Information

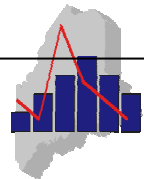


How Are HEDIS Data Collected?

HEDIS Data Sources:

- Surveys
- Medical Chart Review
- Insurance Claims

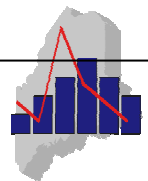
Clinical measures use administrative or hybrid data collection



Claims Based HEDIS Measures

Membership

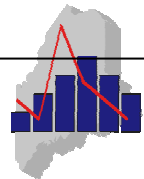
- Members may be counted as individuals meeting certain clinical criteria or the general population expressed as member months or member years
- Continuous enrollment
 - As little as 7 days or as much as 3 years



Claims Based HEDIS Measures

Medical Claims Selection

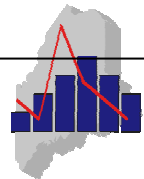
- Members in the denominator
- Specific diagnosis and/or procedure codes
- Provider specialty



Claims Based HEDIS Measures

Pharmacy Claims Selection

- Members in the denominator
- Specific NDC codes (download from NCQA web site)



ASM – Use of Appropriate Medications for People with Asthma

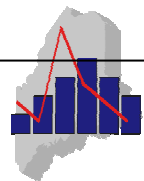
Ages: 5 – 56 years by 12/31

Continuous enrollment: Measurement year and
prior year

Allowable gap: No more than 1 gap in enrollment
up to 45 days

Anchor date: 12/31 of measurement year

Benefits: Medical and Pharmacy during the
measurement year



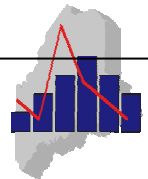
ASM – Use of Appropriate Medications for People with Asthma

Meet criteria during measurement year and
prior year

Event/diagnosis: ICD-9 Diagnosis of Asthma – 493

- Asthma ED visit *or*
- Asthma IP stay *or*
- 4 asthma OP visits and 2 asthma scripts *or*
- 4 asthma scripts

Exclude: ICD-9 Diagnosis of Emphysema or COPD



ASM – Use of Appropriate Medications for People with Asthma

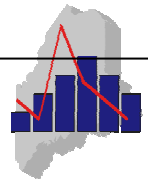
Membership – Commercial

Exclude indemnity – claims will be under reported due to high deductible plans

Find members age 5-56 as of 12/31/06

Members must have both medical and pharmacy coverage

Pharmacy only payers often use different patient identifiers than medical payers



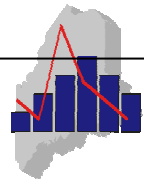
ASM – Use of Appropriate Medications for People with Asthma

Membership – Commercial

Look for 11-12 months of eligibility in
2006 – medical and pharmacy

45 day gap allowed; Restricted to 30 days

Look for 11-12 months of eligibility in
2005 – medical and pharmacy



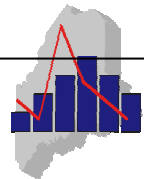
ASM – Use of Appropriate Medications for People with Asthma

Claims – Commercial

**Select all medical and pharmacy claims
for members previously identified in
measurement year and prior year**

Measurement Year

**Asthma ED visit – presence of revenue or
CPT code - flag**



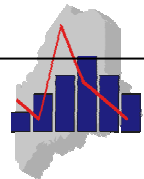
ASM – Use of Appropriate Medications for People with Asthma

Claims – Commercial Measurement Year

Asthma IP visit – must be able to identify IP
claims

*To identify IP records select
IPDISCHARGE not null*

Four OP asthma visits and at least 2 asthma
scripts



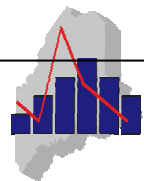
ASM – Use of Appropriate Medications for People with Asthma

Claims – Commercial

4 asthma scripts

RX claims have no diagnosis codes. This means that individuals without a single medical claim with an asthma diagnosis may be appropriately selected

Repeat for prior year



Summary of Critical Building Blocks Used in HEDIS Metrics

- Multiple years of data
- Patient identifier that crosses plans
- Use of standard CPT and revenue codes by plans
- Accurate identification of inpatient claims
- Accurate assignment of specialty codes

