Supplementary Appendix A

Template: Brief Health Care Data and Related Resources Evaluation Summary – [*Name of the Data*]

Description of the Data and Related Resources: [E.g., Who collects and provides the data, how is this done, what information is available in the data]
Number of patients, health visits, and/or other events:
Data Time Period and Recency:
Data Security and Privacy:
Data Acquisition and Use Related Costs:

Data Types and Characteristics

☐ Outpatient Visits	☐ Clinical Notes or Free Text Data	☐ Personal Medical History
☐ Emergency Department Visits	☐ Near-Real-Time (Weekly/Daily) Data	☐ Family History
☐ Telehealth Visits	☐ ICD-10 Codes	☐ Social/Occupational Data
☐ Inpatient Visits	☐ CPT and/or HCPCS Codes	☐ Behavioral Risk Factor Data
☐ Urgent Care Center Visits	☐ LOINC and/or SNOMED Codes	☐ Prescription filled/dispensed
☐ Walk-In Clinic Visits	☐ Patient Location Data	☐ Over the Counter Medications
☐ Long-term Care Patients/Facilities	☐ Provider/Facility Location Data	☐ Lab Tests Ordered and/or Results
☐ Emergency Response Focused Data	☐ All Payor Data	☐ Diagnoses
☐ EMR or EHR Data	☐ Medicaid/Medicare Claims	☐ Procedures
☐ Discharge Data	☐ Private Payor Claims	☐ Medical Imaging and Results
☐ Unadjudicated or Open Claims	☐ Medications Administered	☐ Genetic Sequencing Data
☐ Costs and Charges Data	☐ Vaccination Data	☐ National (e.g., all states) Data
☐ Patient/Population Survey Data	☐ Provider Survey Data	☐ Births and/or Deaths Data
☐ Weights for Patient/Population Representativeness	☐ Weights for Provider Representativeness	☐ Other Representativeness Weights
☐ Other (write in)	☐ Other (write in)	☐ Other (write in)

Data Access and Use Systems and Process

☐ Data Downloadable to Local Drives	☐ Cloud Platform Includes Advanced Analytic Capabilities
☐ Data Accessible on Suppliers Cloud Platform	☐ Other (write in)
☐ Local Applications Connectible to Cloud Platform	☐ Other (write in)

Data Coverage and Representativeness
Placeholders for Related Maps and Graphs

Data Coverage and Representative Metrics

Metric 1:	Value 1
Metric 2:	Value 2
Metric 3:	Value 3

Health Equity and Social Determinants of Health Data

☐ Race	☐ Sexual Orientation	☐ Income/Poverty
☐ Ethnicity	☐ Gender Identity	☐ Education
☐ Disability Status	☐ Food Insecurity	☐ Literacy
☐ Homelessness	☐ Neighborhood Crime Rate	☐ Transport
☐ Employment Status	☐ Incarceration	☐ Other (write in)
☐ Employment Industry/Type	☐ SVI	☐ Other (write in)
☐ Rural-Urban Location	☐ SDI	☐ Other (write in)
☐ Health Insurance/Payor	☐ Gini Index	☐ Other (write in)

Data Quality and Standardization Metrics

Metric 1:	Value 1
Metric 2:	Value 2
Metric 3:	Value 3

Versatility of Data and Related Resources

☐ Data Linkable at Patient Level – Within Health System	☐ Data Linkable at Encounter Level
☐ Data Linkable at Patient Level – Across All Sources	☐ Dat Linkable to Other/External Data
☐ Other (write in)	☐ Other (write in)

Data Utility - Potential Use of the Data and Related Resources

☐ Monitor health status among populations
☐ Rapidly identify occurrence of disease and associated co-morbidities and outcomes
☐ Track diverse groups of patients along the care continuum
☐ Track the history of disease/health status across the lifespan
☐ Identify and measure risk factors for diseases and outcomes
☐ Assess persons' access to and utilization of health services care and the continuity of care
☐ Assess persons' eligibility for and utilization of preventive services
☐ Assess alignment to treatment guidelines for various diseases and conditions
☐ Assess treatment strategies and outcomes
☐ Describe the impact of social determinants on health status and outcomes
☐ Support the development of comprehensive population health registries
☐ Identify early signals of emerging/novel diseases or events (e.g., symptom clusters) of high concern
☐ Assess population level disease burden and/or burden on the healthcare infrastructure
☐ Assess cost of care and cost-effectiveness of patient care and preventive care strategies
☐ Assess genetic characteristics of and variations among causal pathogens
☐ Assess biological and laboratory markers associated with disease state, severity, and outcomes
☐ Assess persons' health-related knowledge, attitudes, practices
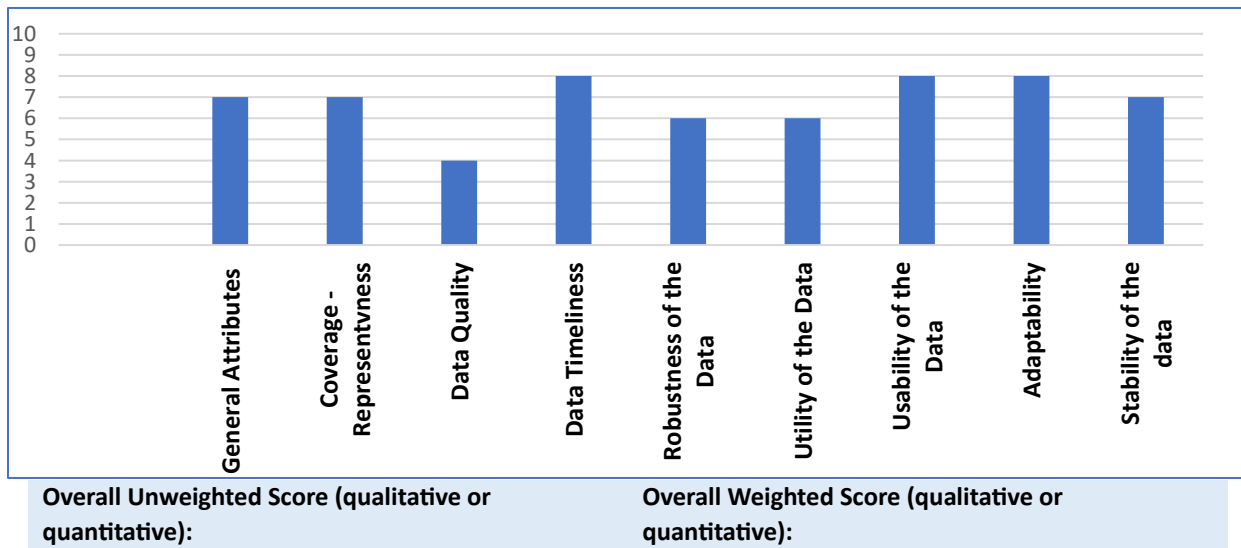☐ Other [*write-in*]
☐ Other [*write-in*]

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Salient Limitations of the Data and Related Resources

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Evaluation Construct Scores*

Overall Unweighted Score (qualitative or quantitative):	Overall Weighted Score (qualitative or quantitative):

Conclusions:

Supplementary Appendix B

*Notes on evaluation construct scoring:

a. The scores for the evaluation constructs can be qualitative (e.g., poor, good, excellent) or quantitative (e.g., 0-10) and it's up to the evaluator/stakeholders to decide which to use. An overall unweighted quantitative score would be the sum of the unweighted quantitative construct scores. An overall unweighted qualitative score would depend on the method used by the evaluator to sum qualitative scores (e.g., the median qualitative score when all 9 qualitative scores are arranged in order).

b. Each quantitative construct score can be weighted based on its relative importance (vis a vis the other constructs) to the context of the evaluation. The quantitative weighted score for any construct would be the unweighted score multiplied by the weight; the overall weighted score would be the sum of the weighted scores.

c. Each qualitative construct can be weighted based on its relative importance (vis a vis the other constructs) to the context of the evaluation, and the method to do so would need to be determined by the evaluator (e.g., counting the qualitative scores of higher weighted constructs multiple times).