

## Supplemental File 1: Medline Search Terms

Term 1: Effective coverage (including related terms e.g. benchmarking, systems dynamics)

Term 2: Linked population-based and health provider analyses

Term 3: Population-based survey validity

Term 4: Health provider quality of care measurement

Term 5: Geospatial measurement of health provider utilization

Term 6: Date and Medline restriction

(Term 1 -OR- Term 2 -OR- Term 3 -OR- Term 4 -OR- Term 5) -AND- Term 6

Term 1:

((coverage[Title/Abstract]) NOT (insurance[Title/Abstract])) AND (benchmark\*[Title/Abstract]) OR  
 (((coverage[Title/Abstract]) NOT (insurance[Title/Abstract])) AND ("systems dynamic  
 framework"[Title/Abstract]) OR ("system dynamics framework"[Title/Abstract]) OR ("systems dynamics  
 framework"[Title/Abstract])) OR (("universal health coverage"[Title/Abstract]) OR (UHC[Title/Abstract]) OR  
 ("universal health care"[Title/Abstract])) AND ((coverage[Title/Abstract]) NOT (insurance[Title/Abstract])) AND  
 ((metric\*[Title/Abstract]) OR (measur\*[Title/Abstract]) OR (score\*[Title/Abstract]) OR  
 (indicator\*[Title/Abstract]) OR (variable\*[Title/Abstract]) OR (index[Title/Abstract]) OR (indices[Title/Abstract]))  
 OR (("quality-adjusted") AND ((coverage) NOT (insurance[Title/Abstract]))) OR (("effective  
 coverage"[Title/Abstract]) NOT (insurance[Title/Abstract])) OR

Term 2:

((coverage) NOT (insurance)) AND ((link\*[Title/Abstract]) OR (match\*[Title/Abstract]) OR  
 (combine\*[Title/Abstract]) OR (merge\*[Title/Abstract]) OR (attach\*[Title/Abstract]) OR (join\*[Title/Abstract])  
 OR (pair\*[Title/Abstract]) OR (connect\*[Title/Abstract])) AND (("access to care") OR ("service quality") OR  
 (quality of health care[MeSH Terms]) OR ("service readiness") OR ("service provision") OR ("service delivery") OR  
 ("source of care") OR ("where care was sought") OR ("facility survey") OR ("provider survey") OR ("facility  
 assessment") OR ("provider assessment") OR ("facility data") OR ("provider data") OR ("outlet survey") OR  
 ("outlet assessment") OR ("outlet data")) AND (("service use") OR ("service utilization") OR ("care seeking") OR  
 ("care-seeking") OR ("careseeking") OR ("doctor visit") OR ("clinic visit") OR ("facility visit") OR ("household  
 survey") OR ("household data") OR ("household assessment") OR ("population survey") OR ("demographic  
 survey") OR ("demographic and health survey") OR ("population-based")) OR

Term 3:

((("self report"[Title/Abstract]) OR ("self-report"[Title/Abstract]) AND (((maternal[Title/Abstract]) OR  
 (newborn[Title/Abstract]) OR (child[Title/Abstract])) AND (health[Title/Abstract]))) OR ("maternal  
 report"[Title/Abstract]) OR ("maternal recall"[Title/Abstract]) OR ("caregiver recall"[Title/Abstract]) OR  
 ("caregiver report"[Title/Abstract])) AND ((concordance[Title/Abstract]) OR (accuracy[Title/Abstract]) OR  
 (valid\*[Title/Abstract])) OR

## Term 4:

((("structural quality"[Title/Abstract] NOT ("structural equation"[Title/Abstract])) OR (infrastructur\*[Title/Abstract] OR (input\*[Title/Abstract] OR (readiness[Title/Abstract] OR (capacity[Title/Abstract] OR ("service provision"[Title/Abstract] OR ("service environment"[Title/Abstract])))) AND (("quality of care"[Title/Abstract] OR (process[Title/Abstract] OR ("content of care"[Title/Abstract] OR ("health outcome"[Title/Abstract] OR ("health outcomes"[Title/Abstract] OR (("population health"[Title/Abstract] AND (outcome\*[Title/Abstract])))) AND ((metric\*[Title/Abstract] OR (measur\*[Title/Abstract] OR (indicator\*[Title/Abstract] OR (score\*[Title/Abstract] OR (variable\*[Title/Abstract] OR (index[Title/Abstract] OR (indices[Title/Abstract])))) AND (survey[Title/Abstract])))) OR

## Term 5:

((provider[Title/Abstract] OR (facility[Title/Abstract] OR (hospital[Title/Abstract] OR ("source of care"[Title/Abstract])) AND ((geographic[Title/Abstract] OR (spatial[Title/Abstract] OR (GIS[Title/Abstract])))) AND ((measur\*[Title/Abstract] OR (model\*[Title/Abstract])))) AND ((utilization[Title/Abstract] OR ("usage"[Title/Abstract] OR (distance[Title/Abstract])))) AND

## Term 6:

(medline[sb]) AND ("2000/01/01"[PDat] : "2021/03/29"[PDat])