| Databases          | Search Terms                                                                 | No of articles identified |
|--------------------|------------------------------------------------------------------------------|---------------------------|
| PubMed             | ("epidemiology"[Subheading] OR "epidemiology"[All Fields] OR "prevalence"[All Fields] OR "prevalence"[MeSH Terms]) AND undiagnosed[All Fields]) AND ("diabetes mellitus"[MeSH Terms] OR ("diabetes"[All Fields] AND "mellitus"[All Fields]) OR "diabetes mellitus"[All Fields]) OR ("diabetes mellitus"[MeSH Terms] OR ("diabetes"[All Fields] AND "mellitus"[All Fields]) OR "diabetes mellitus"[All Fields] OR "diabetes"[All Fields] OR "diabetes insipidus"[MeSH Terms] OR ("diabetes"[All Fields] AND "insipidus"[All Fields]) OR "diabetes insipidus"[All Fields]) AND mellitus[All Fields]) AND ("adult"[MeSH Terms] OR "adult"[All Fields]) AND ("population"[MeSH Terms] OR "population"[All Fields] OR "population groups"[MeSH Terms] OR ("population"[All Fields] AND "groups"[All Fields]) OR "population groups"[All Fields]) AND ("africa"[MeSH Terms] OR "africa"[All Fields]) | 1187 |
| CINAHL (Plus with full text) | **Thesaurus terms:** Prevalence, undiagnosed, diabetes mellitus, adult, population, Africa <br>**Search Terms:** " Prevalence *" OR Epidemiology * OR " burden *" and " undiagnosed *" OR " Hiden " AND " diabetes mellitus "OR" diabetes " AND mellitus AND "Africa <br>(S1): filter: English, peer reviewed, exclude Medline <br>(S2): with additional filter: Africa S1 OR S2 | 33 |
| Cochrane Library   | **MeSH terms:** Prevalence (MeSH), undiagnosed (MeSH), diabetes mellitus (MeSH), adult (MeSH), population (MeSH), Africa (MeSH). <br>**Search Terms:** (Prevalence * OR Epidemiology * AND undiagnosed * AND (diabetes mellitus [MeSH] OR diabetes [MeSH] AND mellitus *AND Adult *AND population *AND Africa AND English [la) | 19 |
| Embase             | **Emtree terms:** Prevalence, undiagnosed, diabetes mellitus, adult, population, Africa | 23 |
| Search 1 Terms: | (Prevalence * OR epidimeology *AND undiagnosed * AND (diabetes mellitus * OR diabetes *AND mellitus *AND Adult *AND population *AND Africa (embase) NOT (medline)) |
| Search 2 Terms: | (Prevalence NEXT/1 epidemiology * AND undiagnosed * NEXT/1 Hidden * AND diabetes mellitus NEXT/1 phone* AND (diabetes OR mellitus) AND (Adult) AND population and Africa AND english:ia AND [embase]/lim NOT [medline]/lim filter English only and excluded Medline |
| Others websites and Grey Literature; Google and Google Scholar | Variety of key terms used from above searches | 176 |