Databases	Search Terms1438	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 **Search Terms:** " Prevalence *" OR Epidemiology * OR " burden *" and " undiagnosed *" OR " Hiden " AND " diabetes mellitus "OR" diabetes " AND mellitus AND "Africa (S1): filter: English, peer reviewed, exclude Medline (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). **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:la 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