

Appendix 1: Full search strategy for databases and sources

1. PubMed

Database	#	Query	Results
PubMed	#1	Human immunodeficiency virus	359,484
	#2	HIV	346,922
	#3	#1 OR #2	359,484
	#4	prevalen*	763,233
	#5	inciden*	917,952
	#6	epidemiolog*	1,957,567
	#7	frequen*	1,626,340
	#8	occurren*	1,938
	#9	#4 OR #5 OR #6 OR #7 OR #8	4,083,333
	#10	pregnan*	963,602
	#11	prenatal	165,801
	#12	antenatal	33,109
	#13	perinatal	81,563
	#14	maternal	389,761
	#15	#10 OR #11 OR #12 OR #13 OR #14	1,170,817
	#16	Nigeria	48,291
	#17	#3 AND #9 AND #15 AND #16	362
	#18	#17 AND (“2008/01/01”[PubDate] : “2019/12/31”[PubDate])	326

2. CINAHL



#	Query	Limiters/Expanders	Last Run Via	
S4	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*) AND (pregnan* OR prenatal OR antenatal OR perinatal OR maternal) AND Nigeria	Limiters - References Available; Published Date: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	4
S3	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*) AND (pregnan* OR prenatal OR antenatal OR perinatal OR maternal)	Limiters - References Available; Published Date: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	128
S2	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*)	Limiters - References Available; Published Date: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	1,049
S1	Human immunodeficiency virus OR HIV	Limiters - References Available; Published Date: 20080101-20191231	Interface - EBSCOhost Research Databases Search Screen - Advanced Search	3,734

Expanders - Apply
equivalent subjects
Search modes -
Boolean/Phrase

Database - CINAHL Complete

3. PsycINFO



#	Query	Limiters/Expanders	Last Run Via	Results
S4	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*) AND (pregnan* OR prenatal OR antenatal OR perinatal OR maternal) AND Nigeria	Limiters - Published Date: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	25
S3	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*) AND (pregnan* OR prenatal OR antenatal OR perinatal OR maternal)	Limiters - Published Date: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	1,030
S2	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*)	Limiters - Published Date: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	12,714
S1	Human immunodeficiency virus OR HIV	Limiters - Published Date: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	33,079

4. Global Health



#	Query	Limiters/Expanders	Last Run Via	
S4	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*) AND (pregnan* OR prenatal OR antenatal OR perinatal OR maternal) AND Nigeria	Limiters - Publication Year: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - Global Health	205
S3	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*) AND (pregnan* OR prenatal OR antenatal OR perinatal OR maternal)	Limiters - Publication Year: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - Global Health	4,481
S2	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*)	Limiters - Publication Year: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - Global Health	44,057
S1	Human immunodeficiency virus OR HIV	Limiters - Publication Year: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - Global Health	99,484

5. E-Journals



#	Query	Limiters/Expanders	Last Run Via	Results
S4	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*) AND (pregnan* OR prenatal OR antenatal OR perinatal OR maternal) AND Nigeria	Limiters - Date Published: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - E-Journals	58
S3	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*) AND (pregnan* OR prenatal OR antenatal OR perinatal OR maternal)	Limiters - Date Published: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - E-Journals	1,939
S2	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*)	Limiters - Date Published: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - E-Journals	27,567
S1	Human immunodeficiency virus OR HIV	Limiters - Date Published: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - E-Journals	110,960



6. Academic Search Elite

#	Query	Limiters/Expanders	Last Run Via	Results
S4	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*) AND (pregnan* OR prenatal OR antenatal OR perinatal OR maternal) AND Nigeria	Limiters - Published Date: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - Academic Search Complete	136
S3	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*) AND (pregnan* OR prenatal OR antenatal OR perinatal OR maternal)	Limiters - Published Date: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - Academic Search Complete	4,072
S2	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*)	Limiters - Published Date: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - Academic Search Complete	42,175
S1	Human immunodeficiency virus OR HIV	Limiters - Published Date: 20080101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - Academic Search Complete	125,571

7. Allied and Complementary Medicine Database (AMED)



#	Query	Limiters/Expanders	Last Run Via	Results
S4	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*) AND (pregnan* OR prenatal OR antenatal OR perinatal OR maternal) AND Nigeria	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - AMED - The Allied and Complementary Medicine Database	0
S3	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*) AND (pregnan* OR prenatal OR antenatal OR perinatal OR maternal)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - AMED - The Allied and Complementary Medicine Database	5
S2	(Human immunodeficiency virus OR HIV) AND (prevalen* OR inciden* OR epidemiolog* OR frequen* OR occurren*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - AMED - The Allied and Complementary Medicine Database	278
S1	Human immunodeficiency virus OR HIV	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - AMED - The Allied and Complementary Medicine Database	2,020

8. Google Scholar

