Note: This is Online Appendix 1 of Nicholson, E.C., Baron, J.C., Van der Heever, M.M., Young, C. & Van der Merwe, A.S., 2026, 'Nurse and caregiver skill mix, staffing levels, and staff allocation in long-term care facilities: A scoping review', Health SA Gesondheid 31(0), a3137. https://doi.org/10.4102/hsag.v31i0.3137

Appendix 1

#	PubMed (Medline) search strings	Filters	# of results n=446
1	"long-term" OR "nursing home" AND "nurse staffing models" OR "staffing models" OR "staffing strategy" NOT hospital	Full text, from 2010/1/1 - 2023/12/31	116
2	"long-term" OR "nursing home" AND "nurse staffing levels" OR "nurse staffing ratio"	Full text, from 2010/1/1 - 2023/12/31	53
3	"staffing levels" AND Nurse AND "long-term"	Full text, from 2010/1/1 - 2023/12/31	44
4	"long-term" OR "nursing home" AND "skill mix" OR "staffing mix" OR "nurse skill mix"	Full text, from 2010/1/1 - 2023/12/31	115
5	"long-term" OR "nursing home" AND "staff allocation" OR "personnel allocation" OR "nurse allocation" OR "staff scheduling"	Full text, from 2010/1/1 - 2023/12/31	101
6	"long-term" OR ("nursing home") AND "resident acuity" OR "resident acuity levels"	Full text, from 2010/1/1 - 2023/12/31	17
#	**CINAHL search strings**	**Filters**	**# of results n=386**
1	(long-term OR nursing home) AND (nurse staffing models OR staffing models OR staffing strategy) NOT hospital	Linked Full Text; Published Date: 20100101-20231231	41
2	(long-term OR nursing home) AND (nurse staffing levels OR nurse staffing ratio)	Linked Full Text; Published Date: 20100101-20231231	72
3	(("Staffing levels") AND (Nurse)) AND ("long-term")	Linked Full Text; Published Date: 20100101-20231231	42
4	(long-term OR nursing home) AND (skill mix OR staffing mix OR nurse skill mix)	Linked Full Text; Published Date: 20100101-20231231	156
5	(long-term OR nursing home) AND (staff allocation OR personnel allocation OR nurse allocation OR staff scheduling)	Linked Full Text; Published Date: 20100101-20231231	40
6	(long-term OR nursing home) AND (resident acuity OR resident acuity levels)	Linked Full Text; Published Date: 20100101-20231231	35
#	**Cochrane Library-Wiley search strings**	**Filters**	**# of results n=139**
1	(long-term OR nursing home) AND (nurse staffing models OR staffing models OR staffing strategy) NOT hospital):ti,ab,kw	Cochrane Library publication date between Jan 2010 and Dec 2023, in Cochrane Reviews (Word variations have been searched).	4
2	((long-term OR nursing home) AND (nurse staffing levels OR nurse staffing ratio)):ti,ab,kw	Cochrane Library publication date between Jan 2010 and Dec 2023, in Cochrane Reviews (Word variations have been searched).	4
3	(("Staffing levels") AND (Nurse)) AND ("long-term")	Cochrane Library publication date between Jan 2010 and Dec 2023, in Cochrane Reviews (Word variations have been searched).	0
4	((long-term OR nursing home) AND (skill mix OR staffing mix OR nurse skill mix)):ti,ab,kw	Cochrane Library publication date between Jan 2010 and Dec 2023, in Cochrane Reviews (Word variations have been searched).	21
5	((long-term OR nursing home) AND (staff allocation OR personnel allocation OR nurse allocation OR staff scheduling)):ti,ab,kw	Cochrane Library publication date between Jan 2010 and Dec 2023, in Cochrane Reviews (Word variations have been searched).	109
6	((long-term OR nursing home) AND (resident acuity OR resident acuity levels)):ti,ab,kw	Cochrane Library publication date between Jan 2010 and Dec 2023, in Cochrane Reviews (Word variations have been searched).	1
#	**Sabinet African Journals search strings**	**Filters**	**# of results n=57**
1	"long-term" OR "nursing home" AND "nurse staffing models" OR "staffing models" OR "staffing strategy" NOT hospital	From Jan 2010 to Dec 2023, all content	2
2	"long-term" OR "nursing home" AND "nurse staffing levels" OR "nurse staffing ratio"	From Jan 2010 to Dec 2023, all content	1
3	"Staffing levels" AND Nurse AND "long-term"	From Jan 2010 to Dec 2023, all content	28
4	"long-term" OR "nursing home" AND "skill mix" OR "staffing mix" OR "nurse skill mix"	From Jan 2010 to Dec 2023, all content	13
5	"long-term" OR "nursing home" AND "staff allocation" OR "personnel allocation" OR "staff scheduling"	From Jan 2010 to Dec 2023, all content	13
6	"long-term" OR "nursing home" AND "resident acuity" OR "resident acuity levels"	From Jan 2010 to Dec 2023, all content	0
#	**Hand-searched**	**Filters**	**# of results n=1**
1	Articles searched in the reference list of studies	None	1