Additional File 2: Search strategy

List of search terms

Setting / population	Health behavior of interest	Type of study
apprentice* trainee trainees traineeship ((student OR students) NOT (university OR "primary school" OR "elementary school" OR "high school" OR child OR children)) "vocational education" "vocational training" "vocational school" "job training" "professional training" "professional education" "postsecondary school" "post secondary school" "post-secondary school" "occupational education"	"physical activity" exercise exercises exercising sport sports fitness	intervention measure measures program programs programme programmes treatment evaluation evaluating evaluate

Electronic search strategy used in PubMed

Date: August 22, 2018
Database: PubMed
Filters: Journal Article; Publication date from 2000/01/01 to 2018/12/31; English; German

#	Search string	Results
1	apprentice* [tiab]	1,177
2	(apprentice* [tiab] OR trainee* [tiab])	17,516
3	(apprentice* [tiab] OR trainee [tiab] OR trainees [tiab] OR traineeship [tiab])	17,405
4	(apprentice* [tiab] OR trainee [tiab] OR trainees [tiab] OR traineeship [tiab] OR student [tiab] OR students [tiab])	162,371
5	(student [tiab] OR students [tiab])	147,723
6	((student [tiab] OR students [tiab]) NOT (university [tiab] OR "primary school" [tiab] OR "elementary school" [tiab] OR "high school" [tiab] OR child [tiab] OR children [tiab]))	97,572
7	"vocational education" [mh]	381

8	(apprentice* [tiab] OR trainee [tiab] OR trainees [tiab] OR traineeship [tiab] OR ((student [tiab] OR students [tiab]) NOT (university [tiab] OR "primary school" [tiab] OR "elementary school" [tiab] OR "high school" [tiab] OR child [tiab] OR children [tiab])) OR "vocational education" [tiab] OR "vocational training" [tiab] OR "vocational school" [tiab] OR "job training" [tiab] OR "professional training" [tiab] OR "professional education" [tiab] OR "vocational education" [mh])	116,694
9	"physical activity"	80,783
10	"physical activity" [tiab]	75,924
11	("physical activity" [tiab] OR exercise [tiab])	204,606
12	exercise [mh]	329,810
13	(apprentice* [tiab] OR trainee [tiab] OR trainees [tiab] OR traineeship [tiab] OR ((student [tiab] OR students [tiab]) NOT (university [tiab] OR "primary school" [tiab] OR "elementary school" [tiab] OR "high school" [tiab] OR child [tiab] OR children [tiab])) OR "vocational education" [tiab] OR "vocational training" [tiab] OR "vocational school" [tiab] OR "job training" [tiab] OR "professional training" [tiab] OR "professional education" [tiab] OR "vocational education" [mh]) AND ("physical activity" [tiab] OR exercise [tiab] OR exercises [tiab] OR exercising [tiab] OR sport [tiab] OR sports [tiab] OR fitness [tiab] OR exercise [mh])	7,220
14	(intervention [tiab] OR measure [tiab] OR measures [tiab] OR program [tiab] OR programs [tiab] OR programme [tiab] OR programmes [tiab] OR treatment [tiab] OR evaluation [tiab] OR evaluating [tiab] OR evaluate [tiab])	4,360,967
15	((apprentice* [tiab] OR trainee [tiab] OR trainees [tiab] OR traineeship [tiab] OR ((student [tiab] OR students [tiab]) NOT (university [tiab] OR "primary school" [tiab] OR "elementary school" [tiab] OR "high school" [tiab] OR child [tiab] OR children [tiab])) OR "vocational education" [tiab] OR "vocational training" [tiab] OR "vocational school" [tiab] OR "job training" [tiab] OR "professional training" [tiab] OR "professional education" [tiab] OR "vocational education" [mh]) AND ("physical activity" [tiab] OR exercise [tiab] OR exercises [tiab] OR exercising [tiab] OR sport [tiab] OR sports [tiab] OR fitness [tiab] OR exercise [mh]) AND (intervention [tiab] OR measure [tiab] OR measures [tiab] OR program [tiab] OR programs [tiab] OR programme [tiab] OR programmes [tiab] OR treatment [tiab] OR evaluation [tiab] OR evaluating [tiab] OR evaluate [tiab]))	3,911
16	(("postsecondary school" [tiab] OR "post secondary school" [tiab] OR "post-secondary school" [tiab] OR "occupational education" [tiab]) AND (physical activity" [tiab] OR exercise [tiab] OR exercises [tiab] OR exercising [tiab] OR sport [tiab] OR sports [tiab] OR fitness [tiab] OR exercise [mh]) AND (intervention [tiab] OR measure [tiab] OR measures [tiab] OR program [tiab] OR programs [tiab] OR programme [tiab] OR programmes [tiab] OR treatment [tiab] OR evaluation [tiab] OR evaluating [tiab] OR evaluate [tiab]))	0