Papers identified through MEDLINE, EMBASE, SPORTDiscuss & CINAHL databases search (n = 7652)

Additional papers identified through reference lists & web of science (n = 4)

Records after duplicates removed (n = 6230)

Title & Abstract screening (n = 71)

Records excluded with reasons (n = 22)

Reasons:
1. Inappropriate exposure (n=10)
2. Inappropriate outcome (n=7)
3. Inappropriate design (n=3)
4. Not English (n=2)

Full-text articles assessed for eligibility (n = 49)

Full-text articles excluded with reasons (n = 41)

Reasons:
1. PAF not calculated (n= 33)
2. PAF for joint risk factors (n=3)
3. Cross sectional design (n=2)
4. PAF for mortality (n=1)
5. Not English (n=1)
6. Duplicate (n=1)

Studies included in the review (n = 8)

Identification

Screening

Eligibility

Included

A

B
diabetes.mp. (379144)
diabetic$.mp. (192522)
diabetes mellitus/ or *diabetes mellitus, type 2/ or *prediabetic state/ (146769)
1 or 2 or 3 (429966)
physical activit$.mp. (51021)
physical inactivity.mp. (3541)
fitness.mp. (48520)
Physical Fitness/ (20584)
Sedentary Lifestyle/ (1816)
exp sports/ or running/ or jogging/ or walking/ or weight lifting/ (103461)
exp exercise/ or muscle stretching exercises/ or plyometric exercise/ or resistance training/ or physical fitness/ (115143)
*Physical Exertion/ (31429)
5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 (303015)
4 and 15 (13110)
population attributable fraction.mp. (410)
excess risk.mp. (4051)
attributable risk.mp. (2272)
population attributable risk.mp. (1198)
exp morbidity/ or incidence/ or prevalence/ (339813)
exp risk/ or logistic models/ or risk assessment/ or risk factors/ (764962)
17 or 18 or 19 or 20 or 21 or 22 (989461)
16 and 23 (4748)
limit 24 to "all adult (19 plus years)" (3329)