Total records screened with the following search key words: “Fatty liver (or NAFLD) AND diabetes risk (or incident diabetes) with custom from 01/01/2000 to 15/07/2017, Humans only”

\[ n = 2,072 \]

Records excluded by specific criteria (\( n = 2,036 \)):
- Abstracts and editorials (\( n = 149 \))
- Commentaries (\( n = 20 \))
- Reviews (\( n = 712 \))
- Practice Guidelines (\( n = 2 \))
- Unsatisfactory study design, unsatisfactory definition of cases, unsatisfactory outcome measures, not in English (\( n = 1,164 \))

Full-text articles assessed for eligibility
\[ n = 36 \]

Full-text articles excluded (\( n = 17 \)):
- Overlap of population among included studies (\( n = 4 \))
- Unsatisfactory diagnosis of NAFLD (i.e., only serum liver enzymes or other surrogate markers) (\( n = 10 \))
- Sample size <500 individuals or duration of study follow-up less than 1 year (\( n = 3 \))

Studies included in systematic review and meta-analysis
\[ n = 19 \]

Observational studies included in the meta-analysis \( n = 19 \)
- \( n = 14 \) retrospective cohort studies
- \( n = 5 \) prospective cohort studies