

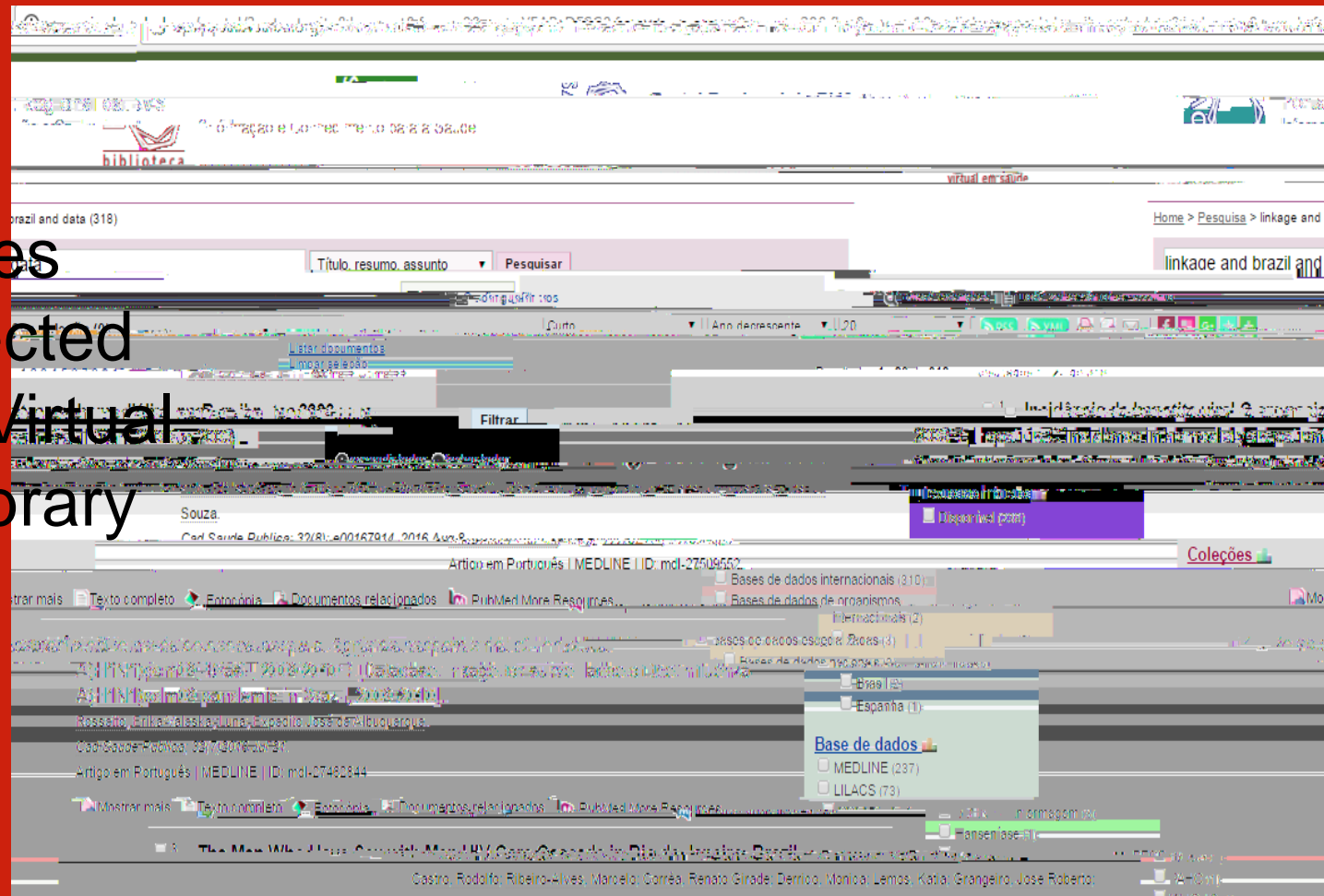
Population Division Department of Economic and Social
Affairs United Nations Secretariat

New York 3-



Countless linkage projects have been developed by managers in the municipal health services aimed at capturing and improving the information on life births and deaths

101 articles
were selected
from the Virtual
Health Library

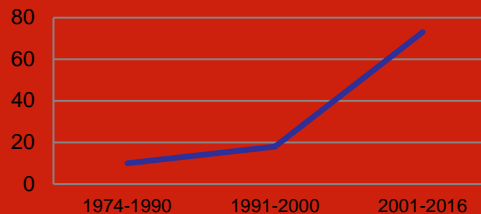


The screenshot shows the search results page of the Virtual Health Library. The search query is "linkade and brazil and". The results are displayed in a list format, with the first article being "Suiza" (Switzerland) from the journal "Cad. Saude Publica". The article is in Portuguese and has a MEDLINE ID of mdl-27509552. The page includes a search bar, filters, and a list of search results. A dropdown menu is open, showing the "Base de dados" (Database) filter with options for MEDLINE (237) and LILACS (73). The page also displays the number of articles found for each database and the total number of articles found (318).

- Research carried out between July-September 2016
- 101 articles selected published 1974-2016 (42 years):

- 1974-1990: 10 articles
- 1991-2000: 18 articles
- 2001-2016: 73 articles

Articles published by period



- Most studies made linkage between two data sources
- SIM was the most frequently linked information system (82 times) in comparison studies to: medical records (n=35), SINASC (n=19), SINAN (n=18), SIH (n=6) and SIA (n=4)
- Common features:
 - Deterministic linkage,
 - Cross-sectional design for epidemiological purposes
 - Infant mortality

Lessons learned and recommendations

- Dissemination of adequate methodologies for linkage
- Inclusion of epidemiologists and statisticians in health staff
- Investments in IT
- Adoption of a unique identification number
- Ethical and privacy considerations

Thank you!

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