







[illegible]

Figure 1. Summary showing the count of Males and then Females per year in the dataset using the COUNTIFS function.

|     |   |        |                           |      |               |   |   |   |             |                         |                    |        |
|-----|---|--------|---------------------------|------|---------------|---|---|---|-------------|-------------------------|--------------------|--------|
| J16 | =COUNTIFS(D:D,"Male",A:A,"Afghanistan") |        |                           |      |               |   |   |   |             |                         |                    |        |
|     | A                                       | B      | C                         | D    | E             | F | G | H | I           | J                       | K                  |        |
| 1   | Location                                | Period | Indicator                 | Dim1 | First Tooltip |   |   |   |             |                         |                    |        |
| 2   | Afghanistan                             | 2019   | Healthy life e Both sexes |      | 53.95         |   |   |   |             |                         |                    | Male C |
| 3   | Afghanistan                             | 2019   | Healthy life e Male       |      | 54.73         |   |   |   |             |                         | Year               |        |
| 4   | Afghanistan                             | 2019   | Healthy life e Female     |      | 53.15         |   |   |   |             |                         | 2019               |        |
| 5   | Afghanistan                             | 2015   | Healthy life e Both sexes |      | 52.6          |   |   |   |             |                         | 2015               |        |
| 6   | Afghanistan                             | 2015   | Healthy life e Male       |      | 52.78         |   |   |   |             |                         | 2010               |        |
| 7   | Afghanistan                             | 2015   | Healthy life e Female     |      | 52.44         |   |   |   |             |                         | 2000               |        |
| 8   | Afghanistan                             | 2010   | Healthy life e Both sexes |      | 51.13         |   |   |   |             |                         |                    |        |
| 9   | Afghanistan                             | 2010   | Healthy life e Male       |      | 51.51         |   |   |   |             |                         |                    |        |
| 10  | Afghanistan                             | 2010   | Healthy life e Female     |      | 50.75         |   |   |   |             |                         |                    |        |
| 11  | Afghanistan                             | 2000   | Healthy life e Both sexes |      | 46.76         |   |   |   |             |                         |                    |        |
| 12  | Afghanistan                             | 2000   | Healthy life e Male       |      | 46.93         |   |   |   |             |                         |                    |        |
| 13  | Afghanistan                             | 2000   | Healthy life e Female     |      | 46.58         |   |   |   |             |                         |                    |        |
| 14  | Albania                                 | 2019   | Healthy life e Both sexes |      | 69.08         |   |   |   |             | Male Count per Location | Female Count per L |        |
| 15  | Albania                                 | 2019   | Healthy life e Male       |      | 68            |   |   |   | Location    |                         |                    |        |
| 16  | Albania                                 | 2019   | Healthy life e Female     |      | 70.25         |   |   |   | Afghanistan | 4                       | 4                  |        |
| 17  | Albania                                 | 2015   | Healthy life e Both sexes |      | 69.03         |   |   |   | Albania     | 4                       | 4                  |        |
| 18  | Albania                                 | 2015   | Healthy life e Male       |      | 67.99         |   |   |   | Algeria     | 4                       | 4                  |        |
| 19  | Albania                                 | 2015   | Healthy life e Female     |      | 70.12         |   |   |   | Angola      | 4                       | 4                  |        |

Figure 2. Summary showing the count of Males and then Females per location in the dataset using the COUNTIFS function.

|   |             |        |                       |            |              |
|---|-------------|--------|-----------------------|------------|--------------|
| <div> <div>New Database</div> <div>Open Database</div> <div>Write Changes</div> <div>Revert Changes</div> <div>Open Project</div> <div>Save Project</div> <div>Att...</div> </div>            |             |        |                       |            |              |
| <div> <div>Database Structure</div> <div>Browse Data</div> <div>Edit Pragmas</div> <div>Execute SQL</div> </div>  |             |        |                       |            |              |
| <div> <div>Table: HALElifeExpectancyAtBirth</div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div> <div>New Record</div> <div>Delete Record</div> </div> </div> |             |        |                       |            |              |
|   | Location    | Period | Indicator             | Dim1       | FirstTooltip |
|   | Filter      | Filter | Filter                | Filter     | Filter       |
| 1   | Afghanistan | 2019   | Healthy life expec... | Both sexes | 53.95        |
| 2   | Afghanistan | 2019   | Healthy life expec... | Male       | 54.73        |
| 3   | Afghanistan | 2019   | Healthy life expec... | Female     | 53.15        |
| 4   | Afghanistan | 2015   | Healthy life expec... | Both sexes | 52.6         |
| 5   | Afghanistan | 2015   | Healthy life expec... | Male       | 52.78        |
| 6   | Afghanistan | 2015   | Healthy life expec... | Female     | 52.44        |
| 7   | Afghanistan | 2010   | Healthy life expec... | Both sexes | 51.13        |
| 8   | Afghanistan | 2010   | Healthy life expec... | Male       | 51.51        |
| 9   | Afghanistan | 2010   | Healthy life expec... | Female     | 50.75        |
| 10  | Afghanistan | 2000   | Healthy life expec... | Both sexes | 46.76        |
| 11  | Afghanistan | 2000   | Healthy life expec... | Male       | 46.93        |
| 12  | Afghanistan | 2000   | Healthy life expec... | Female     | 46.58        |
| 13  | Albania     | 2019   | Healthy life expec... | Both sexes | 69.08        |
| 14  | Albania     | 2019   | Healthy life expec... | Male       | 68.0         |
| 15  | Albania     | 2019   | Healthy life expec... | Female     | 70.25        |
| 16  | Albania     | 2015   | Healthy life expec... | Both sexes | 69.03        |
| 17  | Albania     | 2015   | Healthy life expec... | Male       | 67.99        |
| 18  | Albania     | 2015   | Healthy life expec... | Female     | 70.12        |
| 19  | Albania     | 2010   | Healthy life expec... | Both sexes | 67.57        |
| 20  | Albania     | 2010   | Healthy life expec... | Male       | 66.34        |
| 21  | Albania     | 2010   | Healthy life expec... | Female     | 68.85        |
| 22  | Albania     | 2000   | Healthy life expec... | Both sexes | 65.24        |
| 23  | Albania     | 2000   | Healthy life expec... | Male       | 63.15        |
| 24  | Albania     | 2000   | Healthy life expec... | Female     | 67.69        |
| 25  | Albania     | 2010   | Healthy life expec... | Both sexes | 68.85        |

| Table: <span>HALElifeExpectancyAtBirth</span>      |                   |        |                       |            |              | <span>New Record</span>  | <span>Delete Record</span> |
|---|-------------------|--------|-----------------------|------------|--------------|---|----------------------------|
|   | Location          | Period | Indicator             | Dim1       | FirstTooltip |   |                            |
|   | Filter            | Filter | Filter                | Filter     | Filter       |   |                            |
| 268   | Brazil            | 2015   | Healthy life expec... | Both sexes | 64.7         |   |                            |
| 269   | Brazil            | 2015   | Healthy life expec... | Male       | 62.76        |   |                            |
| 270   | Brazil            | 2015   | Healthy life expec... | Female     | 66.65        |   |                            |
| 271   | Brazil            | 2010   | Healthy life expec... | Both sexes | 63.95        |   |                            |
| 272   | Brazil            | 2010   | Healthy life expec... | Male       | 61.99        |   |                            |
| 273   | Brazil            | 2010   | Healthy life expec... | Female     | 65.95        |   |                            |
| 274   | Brazil            | 2000   | Healthy life expec... | Both sexes | 61.66        |   |                            |
| 275   | Brazil            | 2000   | Healthy life expec... | Male       | 59.6         |   |                            |
| 276   | Brazil            | 2000   | Healthy life expec... | Female     | 63.82        |   |                            |
| 277   | Brunei Darussalam | 2019   | Healthy life expec... | Both sexes | 65.65        |   |                            |
| 278   | Brunei Darussalam | 2019   | Healthy life expec... | Male       | 65.2         |   |                            |
| 279   | Brunei Darussalam | 2019   | Healthy life expec... | Female     | 66.14        |   |                            |
| 280   | Brunei Darussalam | 2015   | Healthy life expec... | Both sexes | 65.71        |   |                            |
| 281   | Brunei Darussalam | 2015   | Healthy life expec... | Male       | 65.16        |   |                            |
| 282   | Brunei Darussalam | 2015   | Healthy life expec... | Female     | 66.28        |   |                            |
| 283   | Brunei Darussalam | 2010   | Healthy life expec... | Both sexes | 65.76        |   |                            |
| 284   | Brunei Darussalam | 2010   | Healthy life expec... | Male       | 65.09        |   |                            |
| 285   | Brunei Darussalam | 2010   | Healthy life expec... | Female     | 66.46        |   |                            |
| 286   | Brunei Darussalam | 2000   | Healthy life expec... | Both sexes | 63.89        |   |                            |
| 287   | Brunei Darussalam | 2000   | Healthy life expec... | Male       | 63.12        |   |                            |
| 288   | Brunei Darussalam | 2000   | Healthy life expec... | Female     | 64.76        |   |                            |
| 289   | Bulgaria          | 2019   | Healthy life expec... | Both sexes | 66.28        |   |                            |
| 290   | Bulgaria          | 2019   | Healthy life expec... | Male       | 63.91        |   |                            |
| 291   | Bulgaria          | 2019   | Healthy life expec... | Female     | 68.71        |   |                            |
| 292   | Bulgaria          | 2015   | Healthy life expec... | Both sexes | 65.64        |   |                            |

|      | Location    | Period | Indicator              | Dim1       | FirstTooltip |  |
|------|-------------|--------|------------------------|------------|--------------|--|
|      | Filter      | Filter | Filter                 | Filter     | Filter       |  |
| 1945 | Timor-Leste | 2019   | Healthy life expect... | Both sexes | 60.89        |  |
| 1946 | Timor-Leste | 2019   | Healthy life expect... | Male       | 59.8         |  |
| 1947 | Timor-Leste | 2019   | Healthy life expect... | Female     | 62.03        |  |
| 1948 | Timor-Leste | 2015   | Healthy life expect... | Both sexes | 60.34        |  |
| 1949 | Timor-Leste | 2015   | Healthy life expect... | Male       | 59.43        |  |
| 1950 | Timor-Leste | 2015   | Healthy life expect... | Female     | 61.28        |  |
| 1951 | Timor-Leste | 2010   | Healthy life expect... | Both sexes | 59.29        |  |
| 1952 | Timor-Leste | 2010   | Healthy life expect... | Male       | 58.43        |  |
| 1953 | Timor-Leste | 2010   | Healthy life expect... | Female     | 60.19        |  |
| 1954 | Timor-Leste | 2000   | Healthy life expect... | Both sexes | 53.05        |  |
| 1955 | Timor-Leste | 2000   | Healthy life expect... | Male       | 52.4         |  |
| 1956 | Timor-Leste | 2000   | Healthy life expect... | Female     | 53.73        |  |
| 1957 | Togo        | 2019   | Healthy life expect... | Both sexes | 56.19        |  |
| 1958 | Togo        | 2019   | Healthy life expect... | Male       | 54.7         |  |
| 1959 | Togo        | 2019   | Healthy life expect... | Female     | 57.8         |  |
| 1960 | Togo        | 2015   | Healthy life expect... | Both sexes | 54.21        |  |
| 1961 | Togo        | 2015   | Healthy life expect... | Male       | 52.77        |  |
| 1962 | Togo        | 2015   | Healthy life expect... | Female     | 55.8         |  |
| 1963 | Togo        | 2010   | Healthy life expect... | Both sexes | 51.96        |  |
| 1964 | Togo        | 2010   | Healthy life expect... | Male       | 50.82        |  |
| 1965 | Togo        | 2010   | Healthy life expect... | Female     | 53.24        |  |
| 1966 | Togo        | 2000   | Healthy life expect... | Both sexes | 48.93        |  |
| 1967 | Togo        | 2000   | Healthy life expect... | Male       | 47.96        |  |
| 1968 | Togo        | 2000   | Healthy life expect... | Female     | 49.98        |  |
| 1969 | Togo        | 2000   | Healthy life expect... | Both sexes | 51.84        |  |

| Table: HALElifeExpectancyAtBirth |          |        |                       |            |              | New Record | Delete Record |
|----------------------------------|----------|--------|-----------------------|------------|--------------|------------|---------------|
|                                  | Location | Period | Indicator             | Dim1       | FirstTooltip |            |               |
|                                  | Filter   | Filter | Filter                | Filter     | Filter       |            |               |
| 2173                             | Zambia   | 2019   | Healthy life expec... | Both sexes | 54.4         |            |               |
| 2174                             | Zambia   | 2019   | Healthy life expec... | Male       | 52.5         |            |               |
| 2175                             | Zambia   | 2019   | Healthy life expec... | Female     | 56.31        |            |               |
| 2176                             | Zambia   | 2015   | Healthy life expec... | Both sexes | 52.71        |            |               |
| 2177                             | Zambia   | 2015   | Healthy life expec... | Male       | 51.07        |            |               |
| 2178                             | Zambia   | 2015   | Healthy life expec... | Female     | 54.32        |            |               |
| 2179                             | Zambia   | 2010   | Healthy life expec... | Both sexes | 49.44        |            |               |
| 2180                             | Zambia   | 2010   | Healthy life expec... | Male       | 47.91        |            |               |
| 2181                             | Zambia   | 2010   | Healthy life expec... | Female     | 50.96        |            |               |
| 2182                             | Zambia   | 2000   | Healthy life expec... | Both sexes | 38.95        |            |               |
| 2183                             | Zambia   | 2000   | Healthy life expec... | Male       | 38.63        |            |               |
| 2184                             | Zambia   | 2000   | Healthy life expec... | Female     | 39.3         |            |               |
| 2185                             | Zimbabwe | 2019   | Healthy life expec... | Both sexes | 53.07        |            |               |
| 2186                             | Zimbabwe | 2019   | Healthy life expec... | Male       | 51.21        |            |               |
| 2187                             | Zimbabwe | 2019   | Healthy life expec... | Female     | 54.8         |            |               |
| 2188                             | Zimbabwe | 2015   | Healthy life expec... | Both sexes | 51.17        |            |               |
| 2189                             | Zimbabwe | 2015   | Healthy life expec... | Male       | 49.62        |            |               |
| 2190                             | Zimbabwe | 2015   | Healthy life expec... | Female     | 52.59        |            |               |
| 2191                             | Zimbabwe | 2010   | Healthy life expec... | Both sexes | 45.22        |            |               |
| 2192                             | Zimbabwe | 2010   | Healthy life expec... | Male       | 44.25        |            |               |
| 2193                             | Zimbabwe | 2010   | Healthy life expec... | Female     | 46.12        |            |               |
| 2194                             | Zimbabwe | 2000   | Healthy life expec... | Both sexes | 41.03        |            |               |
| 2195                             | Zimbabwe | 2000   | Healthy life expec... | Male       | 40.39        |            |               |
| 2196                             | Zimbabwe | 2000   | Healthy life expec... | Female     | 41.77        |            |               |

Figures 3-6. Table displaying the average life expectancy between sexes per location in different years. Table made on SQL.

Query:

```
PRAGMA foreign_keys = '1';
PRAGMA database_list;
SELECT type,name,sql,tbl_name FROM "main".sqlite_master;
PRAGMA encoding
PRAGMA foreign_keys
PRAGMA database_list;
SELECT type,name,sql,tbl_name FROM "main".sqlite_master;
CREATE TABLE "HALElifeExpectancyAtBirth" (
    "Location"    TEXT,
    "Period"      INTEGER,
    "Indicator"   TEXT,
    "Dim1"        TEXT,
    "FirstTooltip" REAL
);
PRAGMA database_list;
SELECT type,name,sql,tbl_name FROM "main".sqlite_master;
```

```
SELECT COUNT(*) FROM (SELECT "_rowid_","* FROM "main"."HALElifeExpectancyAtBirth"
ORDER BY "_rowid_" ASC);
SELECT "_rowid_","* FROM "main"."HALElifeExpectancyAtBirth" ORDER BY "_rowid_" ASC
LIMIT 0, 49999;
```