

User-friendly presentation of statistics:

Tables

Jan Erik Kristiansen

Senior adviser

Statistics Norway

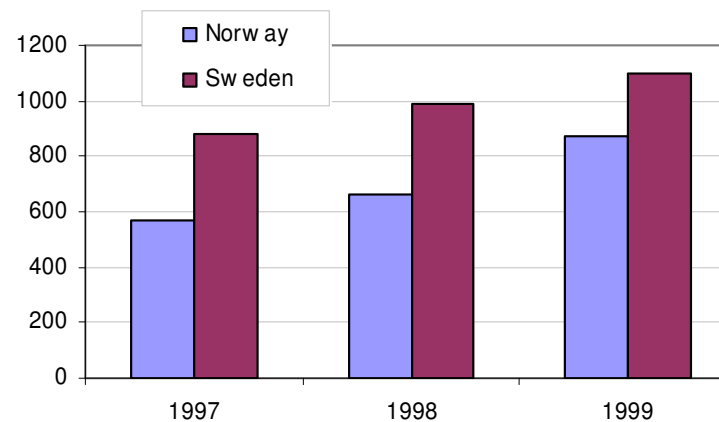
What is statistics?

Statistics is to compare numbers:

Like this:

| | 1997: | 1998: | 1999: |
|--------|-------|-------|-------|
| Norway | 566 | 663 | 876 |
| Sweden | 879 | 987 | 1 098 |

... or: like this:



User-friendly tables

- **KISS: Keep It Small and Simple: For popular presentations, tables should be small and simple**
- **Focus on a few indicators/variables at a time**
- **Present relative numbers (percentages, rates, etc.) when appropriate**

Tables: Some general principles

Total population in selected African countries

| | 1995 | 2005 |
|--------------|----------|----------|
| Angola | 12279700 | 15941400 |
| Eritrea | 3097300 | 4401400 |
| Kenya | 27225900 | 34255700 |
| Madagascar | 13945500 | 18605900 |
| Malawi | 10110500 | 12883000 |
| Mozambique | 15853700 | 19792300 |
| South Africa | 41894000 | 47431800 |
| Uganda | 20893300 | 28816200 |
| Zambia | 9559400 | 11668500 |

The text column should be justified to the left, whereas numbers should be right justified.

Total population in selected African countries

| | 1995 | 2005 |
|--------------|----------|----------|
| Angola | 12279700 | 15941400 |
| Eritrea | 3097300 | 4401400 |
| Kenya | 27225900 | 34255700 |
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| Zambia | 9559400 | 11668500 |

By grouping the digits, we increase their readability.
We therefore put a comma before every third digit.

| Total population in selected African countries | | |
|---|------------|------------|
| | 1995 | 2005 |
| Angola | 12,279,700 | 15,941,400 |
| Eritrea | 3,097,300 | 4,401,400 |
| Kenya | 27,225,900 | 34,255,700 |
| Madagascar | 13,945,500 | 18,605,900 |
| Malawi | 10,110,500 | 12,883,000 |
| Mozambique | 15,853,700 | 19,792,300 |
| South Africa | 41,894,000 | 47,431,800 |
| Uganda | 20,893,300 | 28,816,200 |
| Zambia | 9,559,400 | 11,668,500 |

We can simplify the table by rounding to millions (1 decimal)

Total population in selected African countries. Millions

| | 1995 | 2005 |
|--------------|------|------|
| Angola | 12.3 | 15.9 |
| Eritrea | 3.1 | 4.4 |
| Kenya | 27.2 | 34.3 |
| Madagascar | 13.9 | 18.6 |
| Malawi | 10.1 | 12.9 |
| Mozambique | 15.9 | 19.8 |
| South Africa | 41.9 | 47.4 |
| Uganda | 20.9 | 28.8 |
| Zambia | 9.6 | 11.7 |

We could calculate the relative growth in a separate column

Finally, the table could be sorted by size of population, in descending order.

Total population i selected African countries

| | 1995 | 2005 | % growth |
|--------------|------|------|----------|
| South Africa | 41,9 | 47,4 | 13,2 |
| Kenya | 27,2 | 34,3 | 25,8 |
| Uganda | 20,9 | 28,8 | 37,9 |
| Mozambique | 15,9 | 19,8 | 24,8 |
| Madagascar | 13,9 | 18,6 | 33,4 |
| Angola | 12,3 | 15,9 | 29,8 |
| Malawi | 10,1 | 12,9 | 27,4 |
| Zambia | 9,6 | 11,7 | 22,1 |
| Eritrea | 3,1 | 4,4 | 42,1 |

Example:

Table 14: Livestock Population 1994 – 1999

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---------|--------|--------|---------|---------|---------|--------|
| Poultry | 56,373 | 86,165 | 107,096 | 220,559 | 101,270 | 46,281 |
| Goats | 2,164 | 2,876 | 5,603 | 5,781 | 6,803 | 4,113 |
| Cattle | 43,528 | 49,476 | 47,941 | 47,381 | 55,936 | 52,940 |
| Pigs | 6,175 | 9,074 | 3,906 | 19,318 | 19,062 | 18,142 |
| Sheep | 1,593 | 1,819 | 3,906 | 1,886 | 2,063 | 586 |
| Rabbits | 207 | 1,402 | 2,511 | 488 | 505 | 97 |

From: Karonga District Socio Economic Profile

Better: Numbers justified to the right, text to the left

| Table 14. Livestock population 1994-1999 | | | | | | |
|---|-------------|-------------|-------------|-------------|-------------|-------------|
| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| Poultry | 56,373 | 86,165 | 107,096 | 220,56 | 101,270 | 46,281 |
| Goats | 2,164 | 2,876 | 5,603 | 5,781 | 6,803 | 4,113 |
| Cattle | 43,528 | 49,476 | 47,941 | 47,381 | 55,936 | 52,940 |
| Pigs | 6,175 | 9,074 | 3,906 | 19,318 | 19,062 | 18,142 |
| Sheep | 1,593 | 1,819 | 3,906 | 1,886 | 2,063 | 586 |
| Rabbits | 207 | 1,402 | 2,511 | 488 | 505 | 97 |

Even better: Change columns and rows. It is now much easier to compare years!

| Table 14. Livestock population 1994-1999 | | | | | | |
|---|----------------|--------------|---------------|-------------|--------------|----------------|
| | Poultry | Goats | Cattle | Pigs | Sheep | Rabbits |
| 1994 | 56,373 | 2,164 | 43,528 | 6,175 | 1,593 | 207 |
| 1995 | 86,165 | 2,876 | 49,476 | 9,074 | 1,819 | 1,402 |
| 1996 | 107,096 | 5,603 | 47,941 | 3,906 | 3,906 | 2,511 |
| 1997 | 220,559 | 5,781 | 47,381 | 19,318 | 1,886 | 488 |
| 1998 | 101,270 | 6,803 | 55,936 | 19,062 | 2,063 | 505 |
| 1999 | 46,281 | 4,113 | 52,940 | 18,142 | 586 | 97 |

Production of Food Crops in Tanzania Mainland 1994-2002 (Quantities in 000 tonnes)

| Food crops | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maize | 1,458 | 2,875 | 2,822 | 2,386 | 2,073 | 2,848 | 2,870 | 3,348 | 3,495 |
| Paddy | 192 | 517 | 495 | 413 | 847 | 439 | 443 | 1,010 | 1,054 |
| Wheat | 44 | 47 | 49 | 51 | 53 | 68 | 61 | 65 | 68 |
| Millet | 295 | 222 | 269 | 195 | 50 | 76 | 72 | 74 | 77 |
| Sorghum | 258 | 443 | 360 | 449 | 249 | 363 | 365 | 364 | 380 |
| Cassava | 1,697 | 1,812 | 1,873 | 1,936 | 2,048 | 2,187 | 2,118 | 2,007 | 2,095 |
| Source: Ministry of Agriculture/National Bureau of Statistics | | | | | | | | | |

Production of Food Crops in Tanzania Mainland 1994-2002

(Quantities in 000 tonnes)

| | Maize | Paddy | Wheat | Millet | Sorghum | Cassava |
|-------------|-------|-------|-------|--------|---------|---------|
| 1994 | 1,458 | 192 | 44 | 295 | 258 | 1,697 |
| 1995 | 2,875 | 517 | 47 | 222 | 443 | 1,812 |
| 1996 | 2,822 | 495 | 49 | 269 | 360 | 1,873 |
| 1997 | 2,386 | 413 | 51 | 195 | 449 | 1,936 |
| 1998 | 2,073 | 847 | 53 | 50 | 249 | 2,048 |
| 1999 | 2,848 | 439 | 68 | 76 | 363 | 2,187 |
| 2000 | 2,870 | 443 | 61 | 72 | 365 | 2,118 |
| 2001 | 3,348 | 1,010 | 65 | 74 | 364 | 2,007 |
| 2002 | 3,495 | 1,054 | 68 | 77 | 380 | 2,095 |

Source: Ministry of Agriculture/National Bureau of Statistics

3.11 Okuryazarlık ve cinsiyete göre nüfus

Population by literacy and sex

[6 ≥ yaş - age]

| Okuryazarlık - Literacy | 1975 | 1980 | 1985 | 1990 | 2000 |
|-----------------------------------|------------|------------|------------|------------|------------|
| Erkek - Males | | | | | |
| Okuma yazma bilmeyen - Illiterate | 4 096 110 | 3 802 455 | 2 932 964 | 2 779 172 | 1 857 132 |
| (%) | 23.79 | 20.02 | 13.48 | 11.19 | 6.14 |
| Okuma yazma bilen - Literate | 13 118 658 | 15 188 078 | 18 824 697 | 22 066 860 | 28 384 266 |
| (%) | 76.21 | 79.98 | 86.52 | 88.81 | 93.86 |
| Bilinmeyen - Unknown | 41 645 | 8 568 | 43 193 | 10 496 | 4 047 |
| Kadın - Females | | | | | |
| Okuma yazma bilmeyen - Illiterate | 8 048 078 | 8 394 868 | 6 770 698 | 6 808 809 | 5 732 525 |
| (%) | 49.49 | 45.33 | 31.84 | 28.02 | 19.36 |
| Okuma yazma bilen - Literate | 8 212 708 | 10 123 133 | 14 497 065 | 17 488 623 | 23 875 115 |
| (%) | 50.51 | 54.67 | 68.16 | 71.98 | 80.64 |
| Bilinmeyen - Unknown | 13 406 | 6 521 | 43 720 | 9 150 | 6 158 |

Not. Oranlar hesaplanırken bilinmeyen kapsamamıştır.

Note. Proportions are calculated by excluding unknown.

Statistical yearbook of Turkey 2005

| | 1975 | 1980 | 1985 | 1990 | 2000 |
|----------------|-----------------|------------|------------|------------|------------|
| Males | <i>Number</i> | | | | |
| Illiterate | 4 096 110 | 3 802 455 | 2 932 964 | 2 779 172 | 1 857 132 |
| Literate | 13 118 658 | 15 188 076 | 18 824 697 | 22 066 860 | 28 384 266 |
| Unknown | 41 645 | 8 568 | 43 193 | 10 496 | 4 047 |
| Females | | | | | |
| Illiterate | 8 048 078 | 8 394 868 | 6 770 698 | 6 808 809 | 5 732 525 |
| Literate | 8 212 708 | 10 123 133 | 14 497 065 | 17 488 623 | 23 875 115 |
| Unknown | 13 406 | 6 521 | 43 720 | 9 150 | 6 158 |
| Males | <i>Per cent</i> | | | | |
| Illiterate | 23,8 | 20,0 | 13,5 | 11,2 | 6,1 |
| Literate | 76,2 | 80,0 | 86,5 | 88,8 | 93,9 |
| Females | | | | | |
| Illiterate | 49,5 | 45,3 | 31,8 | 28,0 | 19,4 |
| Literate | 50,5 | 54,7 | 68,2 | 72,0 | 80,6 |

Example:

Quadro 4.7 Operatividade dos Crimes em Geral, Segundo Província. 2000

| Província | Crimes Conhecidos | Crimes Esclarecidos | Crimes Não Esclarecidos | % Esclarecidos | % Não Esclarecidos |
|------------------|-------------------|---------------------|-------------------------|----------------|--------------------|
| País (Total) | 36313 | 26975 | 9338 | 74 | 26 |
| Niassa | 1492 | 1153 | 339 | 77 | 23 |
| Cabo Delgado | 1405 | 1135 | 270 | 81 | 19 |
| Nampula | 3154 | 2664 | 490 | 84 | 16 |
| Zambézia | 2980 | 2734 | 246 | 92 | 8 |
| Tete | 2308 | 1953 | 355 | 85 | 15 |
| Manica | 1216 | 1087 | 129 | 89 | 11 |
| Sofala | 4070 | 3396 | 674 | 83 | 17 |
| Inhambane | 2645 | 2004 | 641 | 76 | 24 |
| Gaza | 1979 | 1596 | 383 | 81 | 19 |
| Maputo Província | 3743 | 2809 | 934 | 75 | 25 |
| Maputo Cidade | 11321 | 6444 | 4877 | 57 | 43 |

Fonte: Comando Geral da Polícia (PRM)

Quadro 4.7. Operatividade dos Crimes em Geral, Segundo Província. 2000

| Província | Crimes Conhecidos | % Esclarecidos |
|---------------------|-------------------|----------------|
| País (Total) | 36,313 | 74 |
| Niassa | 1,492 | 77 |
| Cabo Delgado | 1,405 | 81 |
| Nampula | 3,154 | 84 |
| Zambézia | 2,980 | 92 |
| Tete | 2,308 | 85 |
| Manica | 1,216 | 89 |
| Sofala | 4,070 | 83 |
| Inhambane | 2,645 | 76 |
| Gaza | 1,979 | 81 |
| Maputo Província | 3,743 | 75 |
| Maputo Cidade | 11,321 | 57 |

Fonte: Comando Geral da Polícia (PRM)

Distribution of Persons 9 Years and Over by Newspaper Reading, Region and Sex (%) -1996

| Newspaper Reading and Sex | Total | Gaza Strip | West Bank |
|----------------------------------|--------------|-------------------|------------------|
| Male | | | |
| Reader | 36.1 | 24.5 | 41.9 |
| Non Reader | 63.9 | 75.5 | 58.1 |
| Female | | | |
| Reader | 25.4 | 15.9 | 30.2 |
| Non Reader | 74.6 | 84.1 | 69.8 |
| Both Sexes | | | |
| Reader | 30.9 | 20.3 | 36.2 |
| Non Reader | 69.1 | 79.7 | 63.8 |

By removing “Non Readers” + “Both sexes”, the number of cells are reduced from 18 to 6

Newspaper reading among males and females 9 years and over by region (%) -1996

| | Total | Gaza Strip | West Bank |
|----------------|--------------|-------------------|------------------|
| Males | 36 | 25 | 42 |
| Females | 25 | 16 | 30 |

Quadro 5. 2. 1 - Número de deputados segundo o sexo, Moçambique, 1994 - 2005

| Descrição | 1994 | | 1999 | | 2005 | |
|--------------|------------|--------------|------------|--------------|------------|--------------|
| | Número | % | Número | % | Número | % |
| Total | 250 | 100,0 | 250 | 100,0 | 250 | 100,0 |
| Homens | 181 | 72.4 | 172 | 68.8 | 161 | 64.4 |
| Mulheres | 69 | 27.6 | 78 | 31.2 | 89 | 35.6 |

Fonte: Assembleia da República, Departamento de Organização; Ministério da Mulher e Coordenação da Acção Social.

**Proporcao de assentos
ocupados por mulheres no
Parlamento**

| 1994 | 1999 | 2005 |
|------|------|------|
| 27,6 | 31,2 | 35,6 |

Decimals?

13.47 %?

- Never use two decimals when giving percentages
- When reporting percentages from censuses, registers, etc., use one decimal
- When reporting percentages from surveys, use no decimal (unless the sample is very big: LF survey)

TABLE 55
Employment Gender Ratio by Economic Activities (1999- 2005)

| ECONOMIC ACTIVITY | EMPLOYMENT GENDER RATIO (%) | | | | | | | | | | | | | | | |
|-------------------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|
| | 1999 | | 2000 | | 2001 | | 2002 | | 2003 | | 2004 | | 2005 | | NATIONAL | |
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F |
| Agriculture | 86.14 | 13.86 | 84.30 | 15.70 | 82.29 | 17.71 | 84.34 | 15.66 | 81.04 | 18.96 | 81.10 | 18.90 | 78.24 | 21.76 | 82.49 | 17.51 |
| Manufacturing & Processing | 88.53 | 11.47 | 89.50 | 10.50 | 89.60 | 10.40 | 90.01 | 9.99 | 87.66 | 12.34 | 87.81 | 12.19 | 87.70 | 12.30 | 88.69 | 11.31 |
| Building & Construction | 94.01 | 5.99 | 94.02 | 5.98 | 94.56 | 5.44 | 93.73 | 6.27 | 94.24 | 5.76 | 93.37 | 6.63 | 93.41 | 6.59 | 93.91 | 6.09 |
| Hotels, Restaurants & Tourism | 67.27 | 32.73 | 66.48 | 33.52 | 64.48 | 35.52 | 64.34 | 35.66 | 64.08 | 35.92 | 64.55 | 35.45 | 65.13 | 34.87 | 65.19 | 34.81 |
| Transport | 88.88 | 11.12 | 89.18 | 10.82 | 90.83 | 9.17 | 88.30 | 11.70 | 88.42 | 11.58 | 87.92 | 12.08 | 85.15 | 14.85 | 88.38 | 11.62 |
| Communications | 83.57 | 16.43 | 84.87 | 15.13 | 68.95 | 31.05 | 68.71 | 31.29 | 72.96 | 27.04 | 70.92 | 29.08 | 71.31 | 28.69 | 74.47 | 25.53 |
| Education | 50.00 | 50.00 | 48.42 | 51.57 | 58.71 | 41.29 | 58.70 | 41.30 | 60.01 | 40.00 | 65.90 | 34.10 | 67.35 | 32.65 | 57.74 | 42.26 |

The Nigerian Statistical Fact Sheet 2006

| | Males | | | | | | | Females | | | | | | |
|-------------------------------|-------|------|------|------|------|------|------|---------|------|------|------|------|------|------|
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
| Agriculture | 86.1 | 84.3 | 82.3 | 84.3 | 81.0 | 81.1 | 78.2 | 13.9 | 15.7 | 17.7 | 15.7 | 19.0 | 18.9 | 21.8 |
| Manufacturing & processing | 88.5 | 89.5 | 89.6 | 90.0 | 87.7 | 87.8 | 87.7 | 11.5 | 10.5 | 10.4 | 10.0 | 12.3 | 12.2 | 12.3 |
| Building & construction | 94.0 | 94.0 | 94.6 | 93.7 | 94.2 | 93.4 | 93.4 | 6.0 | 6.0 | 5.4 | 6.3 | 5.8 | 6.6 | 6.6 |
| Hotels, restaurants & tourism | 67.3 | 66.5 | 64.5 | 64.3 | 64.1 | 64.6 | 65.1 | 32.7 | 33.5 | 35.5 | 35.7 | 35.9 | 35.5 | 34.9 |

Simplify titles (examples)

- **Not: Percentage distribution of households by type of household.**
- **Instead: Household types. Per cent**
- **Instead of "...by gender (or by sex)" write: "men and women/males and females"**
- **Not: Movimento Geral de Crimes Segundo Tipos de Crime**
- **But: Tipos de Crime**

6.1 Educational Institutions by Kind, Level and Sex

(Numbers)

| Year | Primary Schools | | Middle Schools | | Secondary Schools | |
|---------|-----------------|--------|----------------|--------|-------------------|--------|
| | Total | Female | Total | Female | Total | Female |
| 1994-95 | 139634 | 41967 | 12571 | 5562 | 10005 | 3323 |
| 1995-96 | 143130 | 43434 | 13330 | 5719 | 10119 | 3329 |
| 1996-97 | 149661 | 42042 | 14487 | 5760 | 10436 | 3394 |
| 1997-98 | 156318 | 51204 | 17354 | 7168 | 11685 | 4019 |
| 1998-99 | 159330 | 56515 | 18072 | 7985 | 12931 | 4710 |
| 1999-00 | 162521 | 58748 | 18435 | 8146 | 13211 | 4805 |
| 2000-01 | 147736 | 42870 | 25472 | 5875 | 15416 | 3009 |
| 2001-02 | 149084 | 43524 | 26791 | 6257 | 15658 | 3000 |
| 2002-03 | 150809 | 43858 | 28021 | 6553 | 16208 | 3080 |
| 2003-04 | 154970 | 43913 | 28727 | 6567 | 16742 | 3213 |

| | Primary schools | | Middle schools | | Secondary schools | |
|---------|-----------------|----------|----------------|----------|-------------------|----------|
| | Total | % Female | Total | % Female | Total | % Female |
| 1994-95 | 139634 | 30,1 | 12571 | 44,2 | 10005 | 33,2 |
| 1995-96 | 143130 | 30,3 | 13330 | 42,9 | 10119 | 32,9 |
| 1996-97 | 149661 | 28,1 | 14487 | 39,8 | 10436 | 32,5 |
| 1997-98 | 156318 | 32,8 | 17354 | 41,3 | 11685 | 34,4 |
| 1998-99 | 159330 | 35,5 | 18072 | 44,2 | 12931 | 36,4 |
| 1999-00 | 162521 | 36,1 | 18435 | 44,2 | 13211 | 36,4 |
| 2000-01 | 147736 | 29,0 | 25472 | 23,1 | 15416 | 19,5 |
| 2001-02 | 149084 | 29,2 | 26791 | 23,4 | 15658 | 19,2 |
| 2002-03 | 150809 | 29,1 | 28021 | 23,4 | 16208 | 19,0 |
| 2003-04 | 154970 | 28,3 | 28727 | 22,9 | 16742 | 19,2 |

Simplify titles (examples)

Not: Percentage distribution of persons aged 15-49 years with knowledge of transmission of Aids virus....

But: Persons 15-49 years with knowledge of.....

Or: Knowledge of Persons aged 15-49.

Simplify titles (more examples)

Not: Percentage distribution of persons outside the labour force by sex, age and reason

But: Persons outside the labour force by reason, sex and age. Per cent

Not: Pupil to teacher ratio

But: Pupils per teacher