

Metadata for Time Series Datasets

Datasets

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Notes

All Statistics NZ files use the following symbols in their data:

- .. figure not available
- C: Confidential
- E: Early Estimate
- P: Provisional
- R: Revised
- S: Suppressed

1. Carbon Dioxide Emissions in Hawaii

- **Filename::** Carbon dioxide emissions in Hawaii.csv
- **Source:**
- **iNZight ready::** Yes
- **Time:** January 1959 to December 1990
- **Time Period::** Monthly
- **Variables & Units::** parts per million (ppm)

Notes

- Very consistent seasonal pattern, linear trend.

2. Food for Thought

- **Filename:** Food for Thought Dataset for iNZight
- **Source:** Retail Trade Survey (RTS) conducted by Statistics NZ
- **iNZight ready:** Yes
- **Time:** 2000 Q1 to 2010 Q3
- **Time Period:** Quarterly
- **Variables & Units:**
 - NZ Retail spending
 - Supermarkets & grocery stores (G411000)
 - Fresh meat, fish & poultry retailing (G412100)
 - Cafes & restaurants (H451100)
 - Takeaway food services (H451200)
 - All measured in NZ\$ millions.
 - NZ Population measured to nearest 1000.

Notes

- All retail spending variables have been deflated to September quarter 1995 prices. The purpose of deflating such series is to remove the effects of price increases in order to reveal underlying trends.
- Further information about the Retail Trade Survey can be obtained from:
http://www.stats.govt.nz/browse_for_stats/industry_sectors/RetailTrade/RetailTradeSurvey_HOTPDdec10qtr/Technical%20Notes.aspx

3. International Air Passengers

- **Filename:** International air passenger data.csv
- **Source:** Stats 326
- **iNZight ready:** Yes
- **Time:** Jan 1949 to Dec 1960
- **Time Period:** Monthly
- **Variables & Units:** Total numbers in thousands.

Notes

- Strong seasonal pattern that changes over time indicating a multiplicative model would be appropriate. Logged data, however, gives a consistent seasonal pattern and a linear trend.

4. Polar Ice Data

- **Filename:** Polar Ice datafile in correct format.csv
- **Source:** National Snow & Ice Data Centre
- **iNZight ready:** Yes
- **Time:** Jan 1990 to March 2011
- **Time Period:** Monthly
- **Variables & Units:** Area of Arctic & Antarctic Sea ice measured in millions of kilometres squared

Notes

- The data is taken from http://nsidc.org/data/docs/noaa/g02135_seaice_index.
- Further background information is also available on this website.

5. Average Number of Visitors to NZ by Purpose

- **Filename:** TS Average number of visitors to NZ by purpose.csv
- **Source:** Statistics NZ
- **iNZight ready:** Yes
- **Time:** September 1988 to May 2012
- **Time Period:** Monthly
- **Variables & Units:** Types of purpose (actual numbers) include Business Conventions/Conferences, Education, Holiday/Vacation, Unspecified/Not Collected, Other, Visit Friends/Relatives, Total

Notes

- 'Other purposes' include stopovers (collected until July 1999)
- The purpose 'Education & Medical' was collected from August 1999. From January 2005 this category became solely 'Education'.
- The number of visitors to NZ is estimated from a sample of records using day of arrival and intended length of stay. It is calculated for each day within the selected period and averaged.

6. Building Consents

- **Filename:** TS Building consents data.csv
- **Source:** Statistics NZ
- **iNZight ready:** Yes
- **Time:** January 1990 to May 2012
- **Time Period:** Monthly
- **Variables & Units:**
 - Total Residential
 - Hostels & boarding houses
 - Hotels & short term accommodation
 - Hospitals & Nursing Homes
 - Education buildings
 - Social, Cultural or Religious buildings
 - Shops, restaurants or taverns
 - Office/ Admin buildings
 - Storage buildings
 - Factories & Industrial buildings
 - Farm buildings
 - Miscellaneous
 - Total Non-Residential buildings
 - Total Buildings
 - Non-building Construction
 - Total Buildings & Construction
 - Residential Buildings including hostels
 - Non-residential buildings excluding hostels
 - Actual counts of numbers of consents granted.

Notes

- Values include GST. From 1 September 1989, consents below \$5,000 are excluded.
- For staged consents, values are recorded at each stage but floor areas and unit counts are normally recorded at the first large stage.

- Works that require building consents but are not buildings, for example bulk tanks, retaining walls, and swimming pools. Many civil engineering works, such as roads, require resource consents but not building consents, so are excluded.

7. Dwelling Consents

- **Filename:** TS Dwelling consents.csv
- **Source:** Statistics NZ
- **iNZight ready:** Yes
- **Time:** November 1998 to May 2012
- **Time Period:** Monthly
- **Variables & Units:**
Actual number of dwelling consents
Actual number of domestic outbuilding consents

Notes

- Values include GST. From 1 September 1989, consents below \$5,000 are excluded.

8. Labour Force Survey by Region

- **Filename:** TS Labour Force Survey by Region.csv
- **Source:** Statistics NZ
- **iNZight ready:** Yes
- **Time:** 1986 Q1 to 2012 Q1
- **Time Period:** Quarterly
- **Variables & Units:**
All variables provided by region & total for all regions
Persons employed in Labour Force ('000s)
Persons unemployed in Labour Force ('000s)
Persons not in Labour Force ('000s)
Working Age Population ('000s)
Labour Force Participation Rate (%)
Unemployment Rate (%)
Number of Jobless ('000s)
Employment Rate (%)
Total Labour Force ('000s)

Notes

- On 1 November 2010, the new Auckland territorial authority (TA) replaced the existing: Rodney district, North Shore City, Auckland City, Waitakere City, Manukau City, Papakura districts and part of Franklin district councils.
- The changes were introduced in the release for the June 2011 quarter and backcast for the March 2011 quarter.
- This has resulted in minor changes in the boundary between the Auckland and Waikato regions. The new boundaries do not significantly affect measures from the Household Labour Force Survey (HLFS).

9. Permanent & Long-term Migration to and from Australia

- **Filename:** TS Permanent & long-term migration to and from Australia.csv
- **Source:** Statistics NZ
- **iNZight ready:** Yes
- **Time:** April 1978 to May 2012
- **Time Period:** Monthly
- **Variables & Units:**
 - Total arrivals (actual numbers)
 - Total departures (actual numbers)
 - Total All ages = arrivals – departures

Notes

- Permanent and long-term arrivals include overseas migrants who arrive in New Zealand intending to stay for a period of 12 months or more (or permanently), plus New Zealand residents returning after an absence of 12 months or more.
- Permanent and long-term departures include New Zealand residents departing for an intended period of 12 months or more (or permanently), plus overseas visitors departing New Zealand after a stay of 12 months or more.
- For arrival series, the country of residence is classified as Australia if the country a person arriving in New Zealand last lived in for 12 months or more was Australia (country of last permanent residence).
- For departure series, the country of residence is classified as Australia if a person departing New Zealand intends to live in Australia for the next 12 months or more (country of next permanent residence).

10. Permanent and Long-term Migration Totals

- **Filename:** TS Permanent & long-term migration totals.csv
- **Source:** Statistics NZ
- **iNZight ready:** Yes
- **Time:** April 1921 to May 2012
- **Time Period:** Monthly
- **Variables & Units:**
 - Arrivals (Actual counts)
 - Departures (Actual counts)

Notes

- Actual series are based on counts derived from a sample of records from April 1975 to August 1997, and hence may contain sample error for these periods.
- Permanent and long-term arrivals include overseas migrants who arrive in New Zealand intending to stay for a period of 12 months or more (or permanently), plus New Zealand residents returning after an absence of 12 months or more.
- Permanent and long-term departures include New Zealand residents departing for an intended period of 12 months or more (or permanently), plus overseas visitors departing New Zealand after a stay of 12 months or more.

11. NZ Consumer Price Index – All Groups

- **Filename:** TS Quarterly NZ CPI data All Groups.csv
- **Source:** Statistics NZ
- **iNZight ready:** Yes
- **Time:** 1925 Q3 to 2012 Q1
- **Time Period:** Quarterly
- **Variable & Units:**
 - Consumer Price Index (CPI), All Groups, NZ
 - Indexed Data, June 2006 quarter = 1000

Notes

- From the September 1999 quarter residential sections and interest are excluded.
- Percentage changes are calculated from index numbers which are unrounded prior to the June 2006 quarter.
- From the September 2006 quarter, prices for fresh fruit and vegetables are seasonally unadjusted. They were seasonally adjusted until the June 2006 quarter.

12. Total Passenger Movements

- **Filename:** Total passenger movements.csv
- **Source:** Statistics NZ
- **iNZight ready:** Yes
- **Time:** Jan. 1921 to May 2012
- **Time Period:** Monthly
- **Variables & Units:**
 - Actual counts of arrivals to NZ
 - Actual counts of departures from NZ

Notes

- Actual series are based on counts derived from a sample of records from April 1975 to August 1997 and hence may contain sample error for these periods.
- Sampled series are derived from a sample of records and hence may contain sample error. Caution should be used when using data with low cell values.

13. Visitor Arrival Totals

- **Filename:** TS visitor arrival totals.csv
- **Source:** Statistics NZ
- **iNZight ready:** Yes
- **Time:** April 1921 to May 2012
- **Time Period:** Monthly
- **Variable & Units:**
 - Actual Counts of visitor arrivals to NZ

Notes

- Actual series are based on counts derived from a sample of records from April 1975 to August 1997, and hence may contain sample error for these periods.
- Sampled series are derived from a sample of records and hence may contain sample error. Caution should be used when using data with low cell values.
- Visitor arrivals are overseas residents arriving in New Zealand for a stay of less than 12 months. For arrival series, the country of residence is the country where a person arriving in New Zealand last lived for 12 months or more (country of last permanent residence).

14. Visitor Departure Totals

- **Filename:** TS Visitor departure totals.csv
- **Source:** Statistics NZ
- **iNZight ready:** Yes
- **Time:** April 1921 to May 2012
- **Time Period:** Monthly
- **Variables & Units:** Actual Counts of visitor departures from NZ

Notes

- Actual series are based on counts derived from a sample of records from April 1975 to August 1997, and hence may contain sample error for these periods.
- Sampled series are derived from a sample of records and hence may contain sample error. Caution should be used when using data with low cell values.
- Visitor departure totals are overseas residents departing from New Zealand after a stay of less than 12 months.

15. USA Beer Production

- **Filename:** USA Beer production.csv
- **Source:** Stats 326
- **iNZight ready:** Yes
- **Time:** July 1970 to June 1978
- **Time Period:** Monthly
- **Variables & Units:** Total beer production in USA, (millions of 31 gallon barrels)

Notes

- Consistent seasonal pattern and linear trend.

Rachel Passmore

Royal Society Endeavour Teacher Fellow,
Department of Statistics, University of Auckland