

## Tier 1 Official Statistics

**30 May 2005**

During 2003, Statistics New Zealand, the State Services Commission, and the Treasury jointly undertook the *Review of Statistics New Zealand and its Future Contribution to Official Statistics* (the Top Down Review). As a result of the Top Down Review, 11 initiatives arose that were recommended as vehicles to improve the official statistics system. Cabinet Policy Committee [POL Min (04) 2/7] endorsed these 11 initiatives and supported their implementation through the 2004 budget.

One of the initiatives was to define *'a portfolio of statistics (to be known as Tier 1) across the state sector that are important in their own right and, consequently, need to be produced, analysed and released to high statistical standards'*.

This list is a set of key official statistics (produced by government departments) that:

- are performance measures of New Zealand
- are essential to central government decision making
- are of high public interest
- meet public expectations of impartiality and high statistical quality
- require long-term continuity of data
- provide international comparability in a global environment.

An Inter-departmental Officials Committee assembled this inaugural list of Tier 1 Statistics, and on 24 February 2005, this list was endorsed by Chief Executives (or their representatives) of departments represented on the Officials Committee. The list has subsequently been noted by the Minister of Statistics.

Members of the Inter-departmental Officials Committee were from the ministries and departments of Agriculture and Forestry, Economic Development, Education, Environment, Health, Tourism, Justice, Social Development, Internal Affairs, Labour, and the State Services Commission, Statistics New Zealand and The Treasury,

Note that the Government Statistician and the Governor of the Reserve Bank have reached an agreement to give three of the Bank's datasets Tier 1 status. (The Reserve Bank is not a government department.)

<b>Population</b>		
<b>Tier 1 Official Statistic</b>	<b>Source</b>	<b>Producing Agency</b>
Population counts and growth	Census of Population and Dwellings	Statistics New Zealand
Population by location	Census of Population and Dwellings	Statistics New Zealand
Components of population change	Census of Population and Dwellings	Statistics New Zealand
Composition – age, sex, ethnicity, marital status, country of birth, etc.	Census of Population and Dwellings	Statistics New Zealand
Maori population	Census of Population and Dwellings	Statistics New Zealand
Estimated population for the total population and Maori population at national and sub-national level.	Derived statistic	Statistics New Zealand
Ethnic population projections for Asian, European, Maori, and Pacific People at national and sub-national level	Based on Census	Statistics New Zealand
Families and households	Census of Population and Dwellings	Statistics New Zealand
Citizenship approvals	Department of Internal Affairs administrative data	Statistics New Zealand
Migration passenger arrivals and departures	New Zealand Immigration Service (Department of Labour) administrative data	Statistics New Zealand
Internal migration	Census of Population and Dwellings	Statistics New Zealand
Disability: status and type of disability	Household Disability Survey	Statistics New Zealand
Total usually resident population projections	Derived statistic	Statistics New Zealand
Abortion statistics, including the number of abortions performed in New Zealand, the general abortion rate for women aged between 15 and 44 years, abortion rates in four year age brackets, median age of women having abortions	Abortion Supervisory Committee administrative data	Statistics New Zealand

<b>Births, Deaths and Marriages</b>		
<b>Tier 1 Official Statistic</b>	<b>Source</b>	<b>Producing Agency</b>
Births and birth rates, total fertility rate	Births, Deaths and Marriages Department of Internal Affairs administrative data	Statistics New Zealand,
Deaths and death rates	Births, Deaths and Marriages Department of Internal Affairs administrative data	Statistics New Zealand,
Dissolutions statistics	Family Court Ministry of Justice administrative data	Statistics New Zealand,

<b>Culture and Identity</b>		
<b>Tier 1 Official Statistic</b>	<b>Source</b>	<b>Producing Agency</b>
Statistics on the written use of Te Reo Maori as well as the interpretation and spoken use of the language	Census of Population and Dwellings Maori Language Survey	Statistics New Zealand
Cultural participation by identified activities and frequency	Cultural Experiences Survey (Household Labour Force Survey Supplement 2002)	Statistics New Zealand
Religion, numbers by affiliation	Census of Population and Dwellings	Statistics New Zealand
Languages spoken	Census of Population and Dwellings	Statistics New Zealand
Time use, activities undertaken, time of day, duration place	Time Use Survey	Statistics New Zealand
Volume of unpaid work	Time Use Survey	Statistics New Zealand

<b>Education</b>		
<b>Tier 1 Official Statistic</b>	<b>Source</b>	<b>Producing Agency</b>
Highest qualification	Census of Population and Dwellings	Statistics New Zealand
Employees participating in training activities	Business Operations Survey	Statistics New Zealand
Education and training, both tertiary and job based that leads to a recognised qualification	Census of Population and Dwellings	Statistics New Zealand
Secondary school literacy in reading, mathematics and science	OECD Programme for International Student Assessment (PISA)	Ministry of Education
Adult literacy to interpret printed information	Adult Literacy Survey	Ministry of Education
Hours of continuing education/training	Adult Literacy Survey	Ministry of Education

<b>Health and Safety</b>		
<b>Tier 1 Official Statistic</b>	<b>Source</b>	<b>Producing Agency</b>
Life expectancy at birth by gender and ethnicity	Derived statistic	Statistics New Zealand
Suicide deaths by age, ethnicity, gender.	Derived statistic	Ministry of Health
Infant deaths	Derived statistic	Ministry of Health
Morbidity -Cancer rates (by major site) -Hospital discharges	Administrative data	Ministry of Health
Injury Statistics. Collection covers work-related injury cases, motor vehicle traffic cases and other areas of injury considered to be a priority for prevention and management by government. The scope of the collection includes both non fatal and fatal (i.e. deaths due to external causes)	Administrative data	Statistics New Zealand

<b>Housing</b>		
<b>Tier 1 Official Statistic</b>	<b>Source</b>	<b>Producing Agency</b>
Housing indicators	Census of Population and Dwellings	Statistics New Zealand
Dwelling types	Census of Population and Dwellings	Statistics New Zealand
Tenure of households	Census of Population and Dwellings	Statistics New Zealand
Number of usual residents by household	Census of Population and Dwellings	Statistics New Zealand
Real cost of housing	Consumer Price Index	Statistics New Zealand

<b>Justice and Law</b>		
<b>Tier 1 Official Statistic</b>	<b>Source</b>	<b>Producing Agency</b>
Offences by type and region	Police administrative data Datasets as published by Statistics New Zealand	New Zealand Police
Apprehensions by age, sex, ethnicity, type of offence, region	Police administrative data as published by Statistics New Zealand	New Zealand Police
Voter Turnout: general election official final results for each electorate	Electoral returns	Ministry of Justice

Statistics on all criminal offences (charges) that result in prosecution by outcome (conviction, acquittal, discharge). Also includes type of offence and court location	Administrative data	Ministry of Justice
Statistics on all convicted cases (offenders) including type of offence, sentence type, court location and offender demographics.	Administrative data	Ministry of Justice

<b>Labour Market</b>		
<b>Tier 1 Official Statistic</b>	<b>Source</b>	<b>Producing Agency</b>
Labour supply: employment and unemployment	Household Labour Force Survey, Census of Population and Dwellings – education participation rates	Statistics New Zealand
Statistics on labour demand including measures of labour input and the costs of salaries and wages.	Quarterly Employment Survey	Statistics New Zealand
Labour Cost Index	Derived statistic	Statistics New Zealand
Work stoppages	Administrative data from the Department of Labour	Statistics New Zealand
Statistics on continuous change in the labour market from a firm and individual (employee) level, including worker turnover, multiple job holding, firm size	Linked Employee Employer Dataset	Statistics New Zealand

<b>Incomes</b>		
<b>Tier 1 Official Statistic</b>	<b>Source</b>	<b>Producing Agency</b>
Statistics on average weekly income from regular sources	New Zealand Income Survey	Statistics New Zealand
Statistics on average weekly income including income from both irregular and regular income	Household Economic Survey	Statistics New Zealand
Statistics on the distribution of total annual income	Census of Population and Dwellings	Statistics New Zealand
Statistics on the distribution of average weekly income from regular sources by source	New Zealand Income Survey	Statistics New Zealand

Change in the amount of average gross income	Quarterly Employment Survey	Statistics New Zealand
Measure of the change in salary and wage rates	Labour Cost Index	Statistics New Zealand
Statistics on average weekly household income, with income from both irregular and regular recurring sources	Household Economic Survey	Statistics New Zealand
Measure of relationships, distribution and experience of income dynamics longitudinally and annually with regard to specific objectives. These are: income level over time for individuals and families as well as significant changes in income and the relation to the labour market, government transfers and family status. Relationships between savings for retirement and life cycle, and education, labour market and employment	Survey of Family Income and Employment (SoFIE)	Statistics New Zealand
Welfare assistance by volume, value and type, including accommodation assistance	Income Support administrative data	Ministry of Social Development

<b>National Economy</b>		
<b>Tier 1 Official Statistic</b>	<b>Source</b>	<b>Producing Agency</b>
Gross Domestic Product (including existing component accounts)	National Accounts	Statistics New Zealand
Capital stock	National Accounts	Statistics New Zealand
Crown accounts	Surveys and administrative data	Statistics New Zealand
Generally Accepted Accounting Practices time series	Derived statistics	The Treasury
Balance of payments	Business and household surveys and administrative data	Statistics New Zealand
Hedging statistics	Balance of Payments Surveys	Statistics New Zealand
Current account	Business and household surveys and administrative data	Statistics New Zealand
International investment position	International Investment Survey	Statistics New Zealand

<b>General Industry</b>		
<b>Tier 1 Official Statistic</b>	<b>Source</b>	<b>Producing Agency</b>
<i>Agriculture, Forestry and Fisheries</i>		
Agricultural production: livestock numbers, land use, horticultural plantings, forestry plantings, (including statistics on new areas planted, areas replanted, areas of exotic timber harvested and cubic metres of exotic timber harvested) and fertiliser application	Agricultural production surveys and census	Statistics New Zealand
Statistics on the volume of livestock slaughtered	Administrative data	Ministry of Agriculture and Forestry
Production of sawn timber, pulp, paper and paperboard, veneer, plywood, fibreboard and particleboard	Surveys (annual and quarterly)	Ministry of Agriculture and Forestry
A detailed quantitative database of New Zealand's planted production forests. Principal components are forest areas by age-class, species and management	National Exotic Forest Description (NEFD) – Database	Ministry of Agriculture and Forestry
Total allowable commercial catch (the annual commercially available fish stock) and the estimated landings taken from the ocean	Estimates	Ministry of Fisheries
Fish stocks, specifically the asset value of fish by quota management region and by species such as paua, hoki, rock lobster as well as the export values and volumes of fish by different species	Estimates	Statistics New Zealand
<i>Manufacturing, Retail and Wholesale Trade</i>		
Manufacturing	Economic Survey of Manufacturing	Statistics New Zealand
Retail trade statistics: stocks and flows	Retail Trade Survey	Statistics New Zealand
Quarterly statistics on the value of wholesale sales and the value of stockholding	Wholesale Trade Survey	Statistics New Zealand

<i>Energy Production and Consumption</i>		
Energy production and consumption, namely energy use by industrial, commercial and the residential sectors of such as electricity, coal, oil and gas. Production of these fuels along with greenhouse gas emissions from the use of energy	Administrative data: - Electricity Statistical Returns (annual), - Gas Statistics (quarterly), - Oil and gas production, stocks and sales (monthly), - Electricity generation (monthly). - Energy greenhouse gas emissions (annual), - Oil and gas reserves (annual), -Coal production (annual)  Surveys: - Quarterly Deliveries of Petroleum Fuels by Industry Survey, - Quarterly Coal Sales Survey	Ministry of Economic Development          Statistics New Zealand
<i>Tourism</i>		
International visitor arrivals (and domestic departures)	New Zealand Immigration Service (Department of Labour) Migration Cards	Statistics New Zealand
Commercial accommodation	Ministry of Tourism Commercial Accommodation Monitor	Statistics New Zealand
Tourism Satellite Account	Ministry of Tourism derived statistic	Statistics New Zealand
International visitor expenditure	International Visitor Survey	Ministry of Tourism
Domestic tourism expenditure	Domestic Travel Survey	Ministry of Tourism
<i>Building and Construction</i>		
Building consents	Territorial authorities data	Statistics New Zealand
Building activity	Building Activity Survey	Statistics New Zealand
<i>Financial Sector</i>		
Money and Credit Aggregates	M3 Standard Statistical Return	Reserve Bank*
Exchange and interest rates	Derived statistics	Reserve Bank*
Housing Loan Interest Rates	Registered Bank Standard Statistical Return	Reserve Bank*

\* As per an agreement between The Government Statistician and the Governor of the Reserve Bank.

<i>Communication, Science and Technology</i>		
Household use of Information Communication Technology including internet access and computer use as well as how the communication is used, for example entertainment, purchasing	Census of Population and Dwellings	Statistics New Zealand
Statistics on the size of the Information and Communication Technology industry	Information and Communication Technology Survey	Statistics New Zealand
Statistics on businesses that have provided new or significantly improved goods and services to the market.	Business Operations Survey	Statistics New Zealand
Statistics on the amount of money spent by business, government and universities on research and development	Research and Development Survey	Statistics New Zealand
Statistics on business practices, who is carrying them out and how well. Business practices include quality, training, marketing and business planning	Business Operations Survey	Statistics New Zealand
Biotechnology, principally the amount of income and expenditure attributable to biotechnology but also includes the number of employees involved in biotechnology, the qualification breakdown of biotechnology employees, the number of number of biotechnology patents and biotechnology commercialisation	Biotechnology Survey	Statistics New Zealand
<i>Business Demographics</i>		
Business demographics: the number of business births and deaths on an annual basis by region, industry, institutional sector, business type, amount of overseas ownership and employment levels	Annual Business Frame Update Survey	Statistics New Zealand
Financial performance, financial position and financial ratios by broad industry groups.	Annual Enterprise Survey	Statistics New Zealand

<b>Prices/Inflation</b>		
<b>Tier 1 Official Statistic</b>	<b>Source</b>	<b>Producing Agency</b>
Capital Goods Price index	Derived statistic from surveys	Statistics New Zealand
Consumers Price Index	Derived statistic from surveys	Statistics New Zealand
Farm Expenses Price Index	Derived statistic from surveys	Statistics New Zealand
Food Price Index	Derived statistic from surveys	Statistics New Zealand
Labour Cost Index (All Labour Costs)	Derived statistic from surveys	Statistics New Zealand
Labour Cost Index (Salary and Wage Rates)	Derived statistic from surveys	Statistics New Zealand
Labour Cost Index (Unadjusted)	Derived statistic from surveys	Statistics New Zealand
Overseas trade price indexes (merchandise and services)	Derived statistic from surveys and Customs administrative data	Statistics New Zealand
Producers Price Index	Derived statistic from surveys	Statistics New Zealand

<b>Exports and Imports</b>		
<b>Tier 1 Official Statistic</b>	<b>Source</b>	<b>Producing Agency</b>
Overseas trade volume indexes (merchandise)	New Zealand Customs Service administrative data	Statistics New Zealand,
Merchandise imports and exports	New Zealand Customs administrative data	Statistics New Zealand,
Overseas cargo	New Zealand Customs administrative data	Statistics New Zealand,
Imports and exports of the value of services	Balance of Payments quarterly current account	Statistics New Zealand

<b>Environment</b>		
<b>Tier 1 Official Statistic</b>	<b>Source</b>	<b>Producing Agency</b>
Environmental impact of economic activity	Natural Resource Accounts	Statistics New Zealand
Inventory of all human-induced emissions and removals of greenhouse gases in New Zealand as submitted to the United Nations Framework Convention on Climate Change	New Zealand Greenhouse Gas Inventory	Ministry for the Environment