

Building Consents Issued: December 2014

Embargoed until 10:45am – 30 January 2015

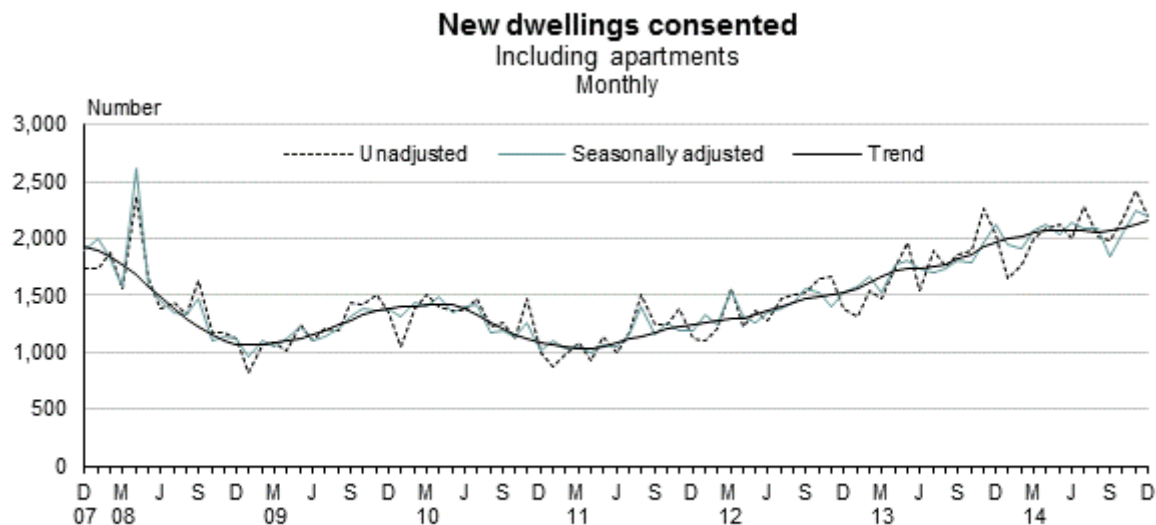
Key facts

In December 2014, building consents were issued for:

- 2,199 new dwellings, including apartments
- 466 apartments, including 235 retirement village units
- 1,733 non-apartment dwellings.

The seasonally adjusted number of new dwellings consented decreased 2.1 percent in December. Excluding apartments, this number was up 1.6 percent.

The trend for the number of new dwellings, including apartments, is showing signs of increasing after a brief dip in the middle of 2014.



Source: Statistics New Zealand

The unadjusted value of building work consented in December 2014 was almost \$1.3 billion. This consisted of:

- \$833 million of residential work
- \$431 million of non-residential work.

Liz MacPherson, Government Statistician
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Commentary

- Highest annual number of new dwellings since 2007
- Annual non-residential consents value up 21 percent
- Consents for all buildings total \$14.6 billion in 2014
- New dwelling consents drop slightly in December
- Non-residential consents valued at \$431 million in December
- Canterbury earthquake-related consents total \$2.5 billion

Figures given are not adjusted for seasonal fluctuations unless otherwise stated. Values include GST and are not adjusted for inflation.

Highest annual number of new dwellings since 2007

A total of 24,680 new dwellings were consented in 2014 (up 3,390, or 16 percent, from 2013). This was the highest number since 2007.

The annual number has been increasing since 2011, when 13,662 new dwellings were consented – the fewest since the series began in 1966.

High points in the series include:

- 31,423 new dwellings in 2004 (a 30-year high)
- 39,766 new dwellings in 1973 (the series maximum).

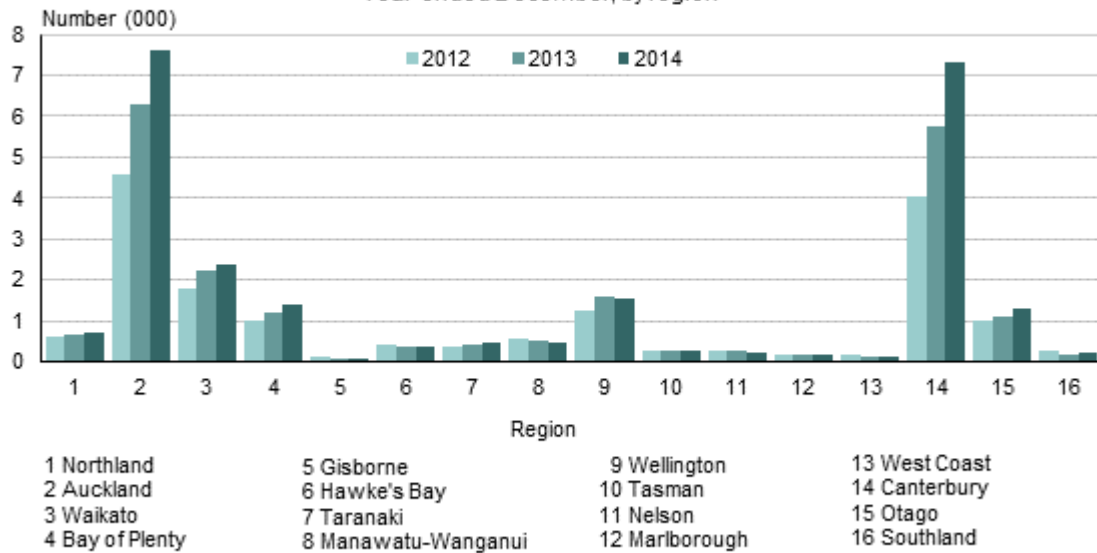
Auckland and Canterbury consented 60 percent of new dwellings in 2014

Nine of the 16 regions consented more new dwellings in 2014 than 2013. Including apartments, Auckland and Canterbury regions consented 60 percent of total new dwellings in 2014.

Including apartments, the regions that consented most new dwellings in 2014 were:

- Auckland – up 1,285 (20 percent) to 7,595
- Canterbury – up 1,549 (27 percent) to 7,308
- Waikato – up 124 (5.5 percent) to 2,369.

New dwellings consented
Including apartments
Year ended December, by region



Source: Statistics New Zealand

Annual non-residential consents value up 21 percent

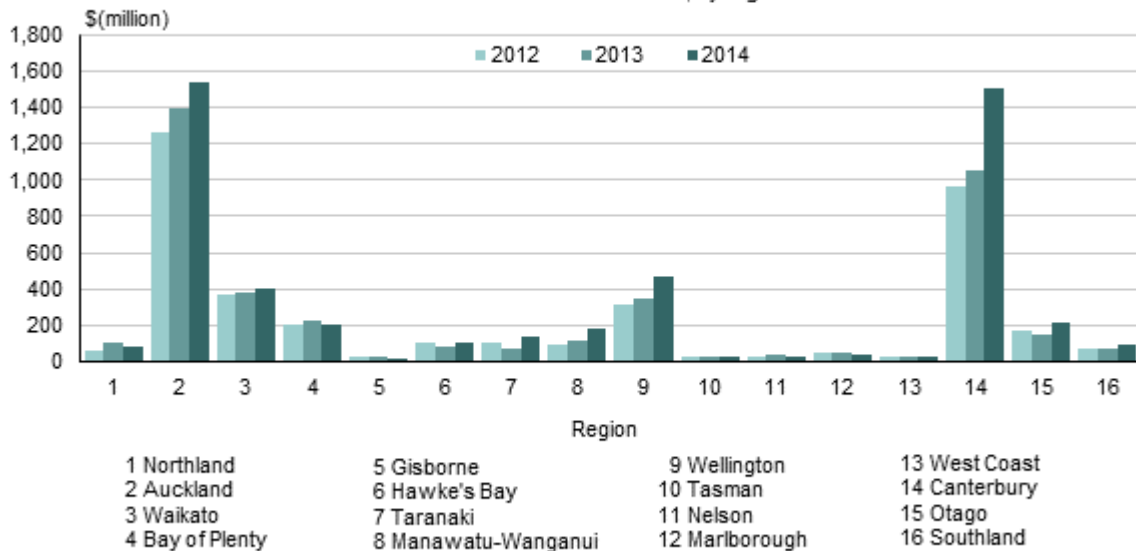
The total value of non-residential consents was up 21 percent to \$5.1 billion in 2014.

The regions with the largest increases were:

- Canterbury – up \$444 million (42 percent) to \$1.5 billion
- Auckland – up \$148 million (11 percent) to \$1.5 billion
- Wellington – up \$127 million (37 percent) to \$474 million
- Otago – up \$72 million (49 percent) to \$219 million.

Value of non-residential buildings consented

Including alterations and additions
Year ended December, by region



Source: Statistics New Zealand

The building types with the highest total consent values were:

- offices and administration buildings – up \$437 million (51 percent) to \$1.3 billion
- shops, restaurants and taverns – up \$183 million (33 percent) to \$747 million
- education buildings – up \$103 million (19 percent) to \$655 million.

Building consents value data is not adjusted for inflation.

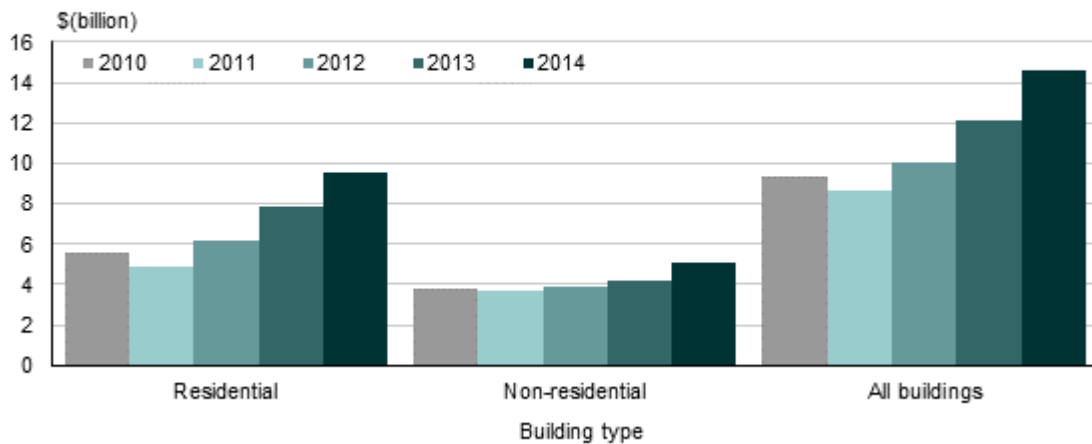
Consents for all buildings total \$14.6 billion in 2014

The total value of building work consented in the year ended December 2014 was \$14.6 billion.

For the year ended December 2014, compared with the year ended December 2013, the value of building consents increased for:

- all buildings – up \$2.5 billion (21 percent) to \$14.6 billion
- residential buildings – up \$1.6 billion (20 percent) to \$9.5 billion
- non-residential buildings – up \$0.9 billion (21 percent) to \$5.1 billion.

Value of buildings consented
Including alterations and additions
Year ended December



Source: Statistics New Zealand

New dwelling consents drop slightly in December

In December 2014, 2,199 new dwellings were consented:

- 466 apartments, including 235 retirement village units
- 1,733 non-apartment dwellings.

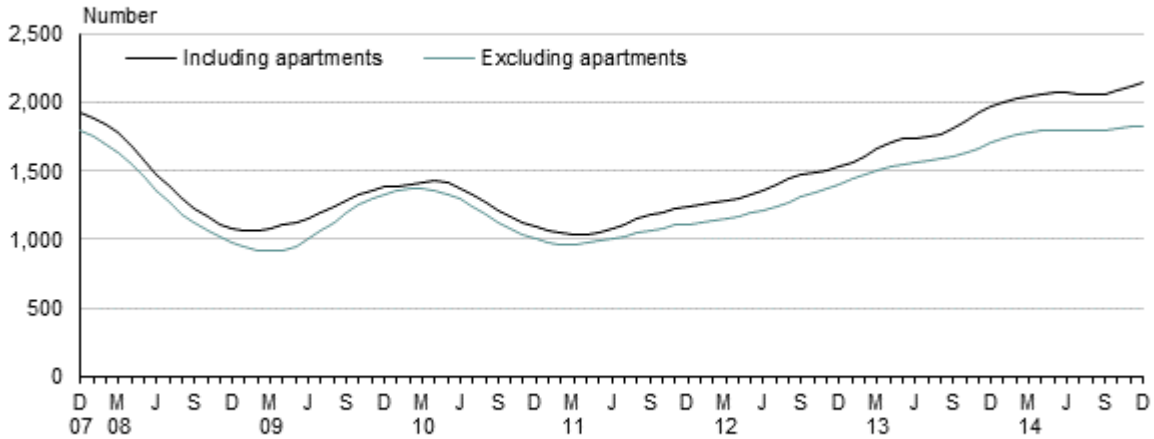
Including apartments, the seasonally adjusted number of new dwellings consented decreased 2.1 percent, following a 10 percent increase in November and an 11 percent increase in October.

Excluding apartments, the seasonally adjusted number of new dwellings consented increased 1.6 percent. This rise followed a 2.4 percent increase in November and a 13 percent increase in October.

The trend for the number of new dwellings, including apartments, is showing signs of increasing after a brief dip in the middle of 2014.

Excluding apartments, the trend for the number of new dwellings is now rising slightly.

Trend for new dwellings consented Monthly



Source: Statistics New Zealand

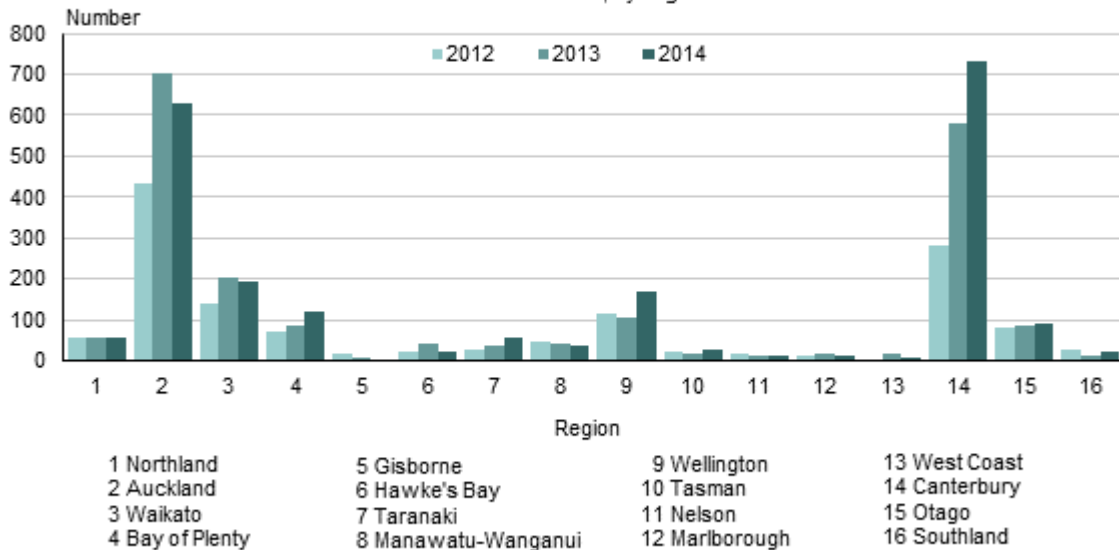
Half of the 16 regions consented more new dwellings in December

Eight of the 16 regions consented more new dwellings, including apartments, in December 2014 than in December 2013.

The regions that consented the most new dwellings were:

- Canterbury – 732 (including 161 apartments)
- Auckland – 630 (including 220 apartments)
- Waikato – 192.

New dwellings consented Including apartments December month, by region



Source: Statistics New Zealand

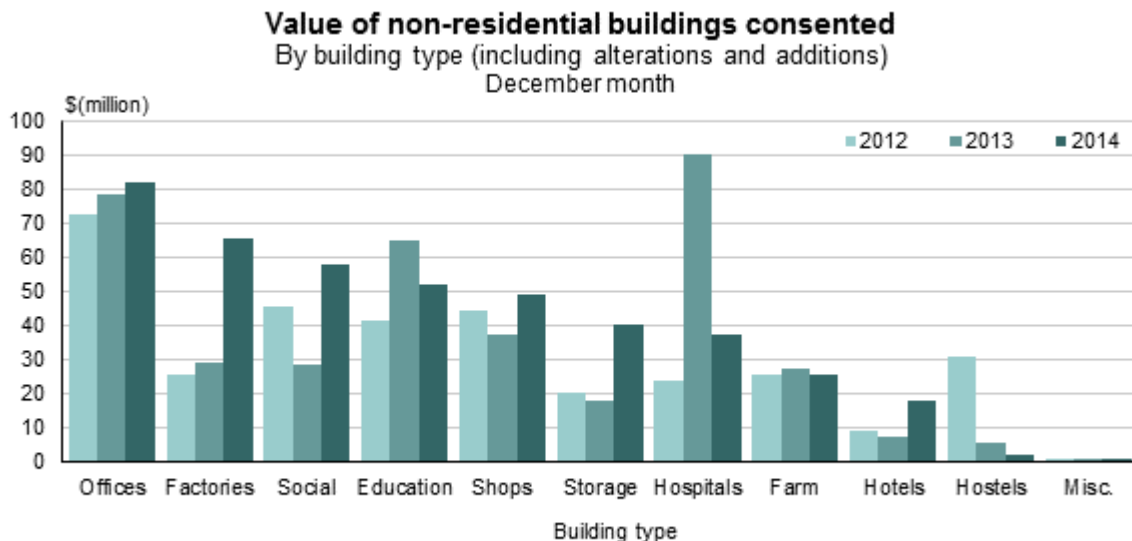
Non-residential consents valued at \$431 million in December

The value of non-residential building work consented in December 2014 was \$431 million. The regions that contributed the most to this value were:

- Canterbury – \$149 million (including \$129 million in Christchurch city)
- Auckland – \$88 million
- Wellington – \$37 million (including \$29 million in Wellington city).

The building types with the highest total consent values were:

- offices and administration buildings – \$82 million
- factories and industrial buildings – \$66 million
- social, cultural, and religious buildings – \$58 million.



Source: Statistics New Zealand

Canterbury earthquake-related consents total \$2.5 billion

Since 4 September 2010, \$2.5 billion of Canterbury's building consents have been identified as earthquake-related. This includes consents for 2,869 new dwellings.

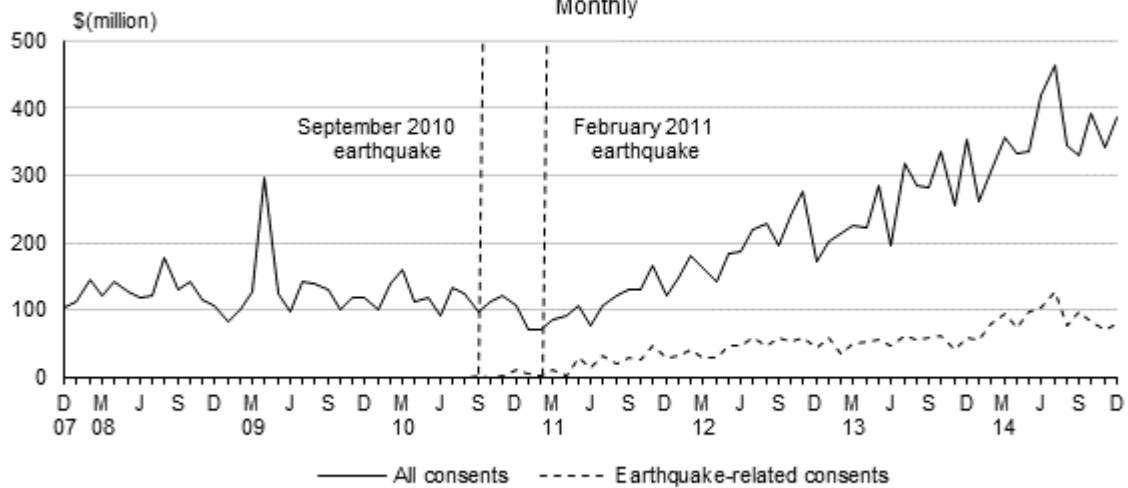
Not all earthquake-related consents can be identified. For comparison, total figures for Canterbury from September 2010 to December 2014 were:

- \$11.5 billion of building consents
- 20,372 new dwellings consented.

In December 2014, the value of consents identified as earthquake-related in Canterbury was \$80 million (of a total of \$386 million for Canterbury). This included:

- 114 new dwellings (of a total of 732)
- \$55 million for residential building work (of \$230 million)
- \$25 million for non-residential building work (of \$149 million).

Value of building consents in Canterbury⁽¹⁾
Including alterations, additions, and non-building construction
Monthly



1. Not all earthquake-related building consents can be identified.

Source: Statistics New Zealand

[See more about earthquake-related building consents in Canterbury](#)

Data for building consents is obtained from all territorial authorities in New Zealand.

For more detailed data, see the Excel tables in the 'Downloads' box.

Definitions

About Building Consents Issued

Building Consents Issued contains statistics on the number, value, and floor areas of residential dwellings and the value and floor area of non-residential buildings, by region and building type. Values include goods and services tax and are not inflation adjusted. We classify buildings according to their main intended function. Subsequent changes in function will be recorded in the statistics if new consents are issued.

More definitions

Apartments: are apartments, townhouses, or retirement village units, where at least 10 dwellings are covered under a single building consent. Where fewer than 10 dwellings are covered under a consent, these are counted as non-apartment dwellings.

Domestic outbuildings: includes new construction, alterations, and additions to garages, glasshouses, and sheds on residential sections.

Dwellings: are self-contained permanent residences. Examples include houses, apartments, townhouses, granny flats, and licence to occupy retirement village units.

Note: Hostels, rest homes, and serviced apartments are not counted as dwellings.

Earthquake-related building consents in Canterbury: are building consents issued in the Canterbury region and identified (primarily by the issuing authorities) as being earthquake-related.

Not all earthquake-related consents can be identified. For example, if a new house (to replace a damaged house) is built at a different site, the new house might not be identified as being earthquake-related.

Note: Excludes seismic strengthening work and demolitions.

Non-residential buildings: includes new construction, alterations, and additions to industrial, commercial, and other non-residential buildings such as schools, hospitals, and libraries. Barracks, hostels, prisons, serviced apartments, workers' quarters, and other accommodation buildings are included.

Residential buildings: includes new construction, alterations, and additions to dwellings (houses, flats, and apartments) and domestic outbuildings.

Territorial authorities: are defined under the Local Government Act 2002 and related amendments. There are 67 territorial authorities – 13 cities, 53 districts, and 1 territory.

Related links

Upcoming releases

Building Consents Issued: January 2015 will be released on 27 February 2015.

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Past releases

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Related information

[Earthquake-related building consents in Canterbury](#) summarises Canterbury consents identified as earthquake-related. This table is updated monthly.

[Value of building work put in place](#) statistics estimate the actual dollar value of work put in place on construction jobs within New Zealand (quarterly). It includes information by building type, and deflated values.

Data quality

This section contains information that does not change between releases.

- [Data source](#)
- [Survey errors](#)
- [Coverage](#)
- [Interpreting the data](#)
- [More information](#)

Data source

We obtain data for building consents from all accredited building consent authorities (ie territorial authorities) each month. We compile information from building consents issued each month if:

- they are valued at \$5,000 or more
- they are not predominantly for demolition work.

Survey errors

Sample errors

Because the survey has 100 percent coverage of the target population, there is no sample error.

Non-sample errors

These errors can occur when there is incomplete or incorrect information on consent forms, or when information is incorrectly delivered, interpreted, or classified. While we make much effort to minimise these errors, they will still occur, and we cannot quantify their effect.

Coverage

Scope

We only include construction work that requires a building consent in these statistics. Some civil engineering works, such as roads, require resource consents but not building consents, so are excluded.

The Building Act 2004 determines the scope of work requiring a building consent. Its main parts came into force in 2005, replacing the Building Act 2001. The new Act introduced measures to provide greater assurances to consumers, such as registration of building consent authorities, and the licensing of building practitioners. The Act was reviewed in 2009. The review broadened the scope of work that may proceed without a building consent (see [Schedule 1 exemptions](#) for changes to the Building Act 2004, on the Ministry of Business, Innovation and Employment's website, effective from 23 December 2010).

[The Canterbury Earthquake Recovery Authority](#) has legislative powers to undertake work without a building consent. For example, demolition work and temporary repairs.

We exclude consents that are predominantly for demolition work, and consents valued below \$5,000.

Changes in coverage

The building consents included in this release have changed over time. The list below highlights the key changes.

1996 From June 1996, we code consent values for multi-purpose buildings to one or more of the most appropriate building types. Before this date, we classified multi-purpose buildings separately.

1993 From January 1993, building authorisations have been applied for under the building consents system administered by territorial authorities. Before this date, applications were made under the building permits system. The building consents system has wider coverage than the building permits system. The additional coverage includes some government building (particularly work on education buildings), and on-site drainage and reticulation work.

1989 From September 1989, we exclude consents below \$5,000.

Boundary changes

2011 From 1 November 2010, part of the former Franklin district moved from the Auckland region to the Waikato region. We include this change in building consents data from January 2011.

2010 On 1 November 2010, the new Auckland Council came into being from seven former cities and districts (see table 4). Before November 2010, the Auckland region (see table 3) can be used to approximate the new Auckland Council.

Seasonally adjusted series

Seasonal adjustment removes the estimated effect of regular seasonal events, such as summer holidays and pre-Christmas purchasing, from statistical series. This makes figures for adjacent periods more comparable.

The seasonally adjusted series are re-estimated monthly when each new month's data becomes available. Figures are therefore subject to revision, with the largest changes normally occurring in the latest months.

We use the X-13 ARIMA-SEATS seasonal adjustment program, developed at the U.S. Census Bureau, to produce the seasonally adjusted and trend estimates.

Trend estimates

Trend estimation removes the estimated effect of regular seasonal events and irregular short-term variation from statistical series. This reveals turning points and the underlying direction of movement over time.

The trend series are re-estimated monthly when each new month's data becomes available. Figures are therefore subject to revision, with the largest changes normally occurring in the latest months. Revisions can be large if values are initially treated as outliers but are later found to be part of the underlying trend.

We use the X-13 ARIMA-SEATS seasonal adjustment program to produce the seasonally adjusted and trend estimates. Irregular short-term variation is removed by smoothing the seasonally adjusted series using optimal weighted moving averages.

To reduce distortions, we estimate the monthly trend series for the value of non-residential buildings after removing consent values of \$25 million or more between January 1990 and December 2005, and of \$50 million or more from January 2006. However, non-residential building consent values are still volatile with no stable seasonal pattern, and therefore a stable trend for this series is slow to emerge.

[Seasonal adjustment in Statistics New Zealand](#) has more information.

Interpreting the data

We compile figures for new apartments from consents that have 10 or more new attached dwellings (flats or apartments). If there are fewer than 10 flats or apartments on a consent, we treat them as being dwellings other than apartments. Apartment numbers often show large fluctuations from month to month and, unless removed from dwelling figures, can mask underlying movements.

Values for new buildings include conversion costs. For example, if a hotel is converted to apartments, we treat them as new dwellings in the statistics. Consent values for new buildings sometimes include the cost of demolishing or removing the previous buildings.

Some consents, particularly for large projects, are issued in stages across more than one month. We collect value data at each stage but floor areas and dwelling or building counts are normally recorded at the first large stage of the project. This difference in timing can affect calculations of average prices.

Trading day adjustments

An aim of time series analysis is to identify movements that are due to actual changes. Seasonal adjustment is done to remove systematic calendar-related variation. Specific adjustments can be made to remove variations due to trading day differences, which are not accounted for in a standard seasonal adjustment.

Some of the apparent movement in building consent figures is due to trading day differences between months. For example, a month with four weekends has more trading or working days than a comparable month with five weekends. This can affect monthly figures, even though there may be no difference in the length of the month or difference in the rate at which consents are issued.

We quantify and remove trading day effects when they are estimated to be statistically significant. We don't remove the effect of moving holidays such as Easter.

Trend estimates versus month-on-month comparisons

Trend estimates reveal the underlying direction of movement in statistical series. In contrast, comparisons of unadjusted data between one month and the same month in the previous year/s do not take account of data recorded for the intervening months, and are subject to one-off fluctuations. Reasons for fluctuations include changes in legislation, economic variables such as interest rates, and trading day composition of months.

More information

[See more information about Building Consents Issued](#)

Statistics in this release have been produced in accordance with the [Official Statistics System principles and protocols for producers of Tier 1 statistics](#) for quality. They conform to the Statistics NZ Methodological Standard for Reporting of Data Quality.

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Tables

The following tables are available in Excel format from the 'Downloads' box. If you have problems viewing the files, see [opening files and PDFs](#).

1. Building consents issued – December
2. Number of new dwellings consented
3. Number and value of new dwellings consented, by region
4. Number of new dwellings consented, by selected territorial authority area
5. Value of building consents issued, unadjusted and trend values
6. Number of new dwellings consented, quarterly
7. Value of building consents issued, quarterly unadjusted and trend values

Access more data on Infoshare

Infoshare allows you to organise data in the way that best meets your needs. You can view the resulting tables onscreen or download them.

Use Infoshare

For this release, select the following category from the Infoshare homepage:

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Next release

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