

# Capital Goods Price Index: June 2011 quarter

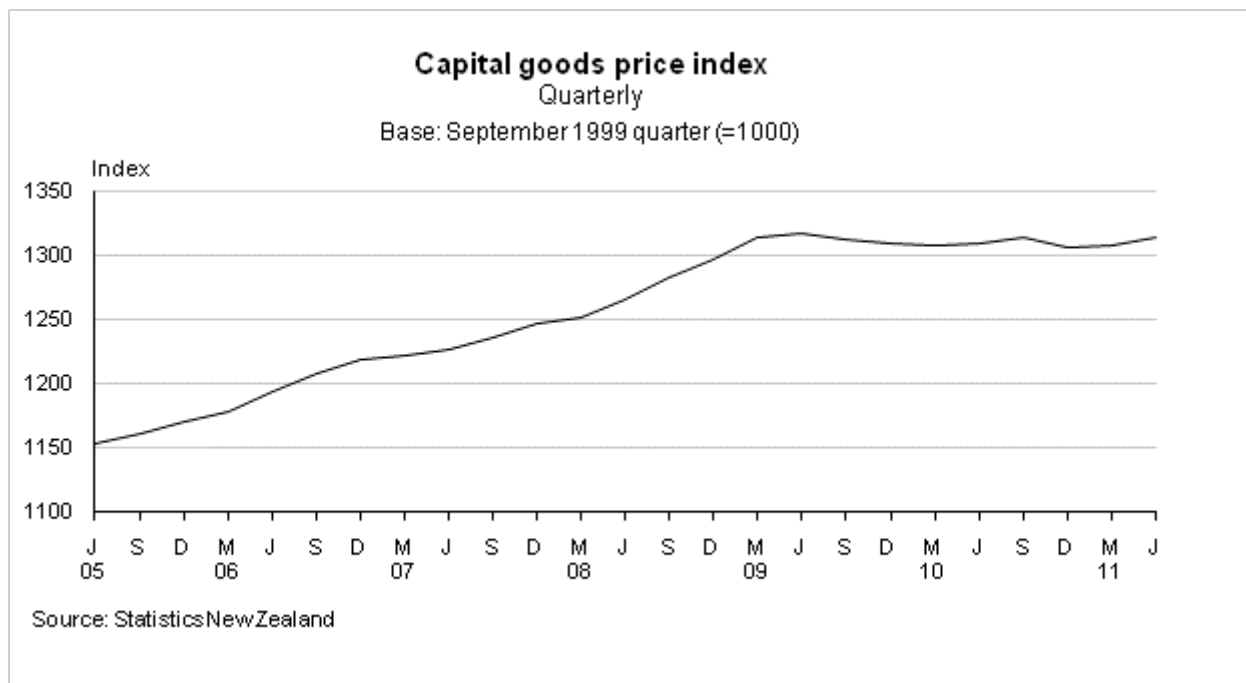
Embargoed until 10:45am – 17 August 2011

## Highlights

In the June 2011 quarter compared with the March 2011 quarter, the capital goods price index (CGPI) rose 0.5 percent. This represents the overall movement of prices associated with the following asset groups:

- civil construction (**up** 2.8 percent)
- residential building construction (**up** 0.8 percent)
- non-residential building construction (**up** 0.6 percent)
- land improvements (**up** 0.6 percent)
- transport equipment (**up** 0.3 percent)
- plant, machinery, and equipment (**down** 0.6 percent).

On an annual basis, the CGPI was 0.4 percent higher in the June 2011 quarter than in the previous June quarter.



Geoff Bascand  
Government Statistician

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# Commentary

## Capital goods price index

The capital goods price index (CGPI) is an overall index of the price level of capital goods purchased by producers of goods and services. It consists of sub-indexes that represent varying levels of asset type groupings.

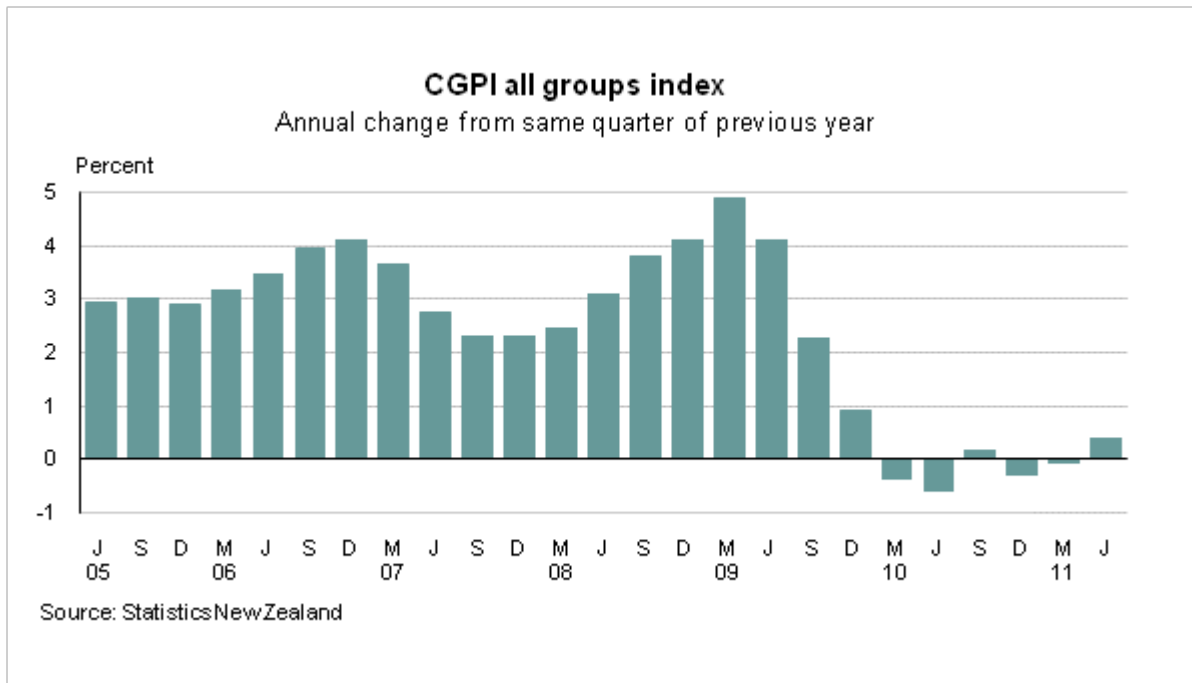
At the total level, the June 2011 quarter CGPI was up 0.5 percent compared with the March 2011 quarter and up 0.4 percent compared with the June 2010 quarter.

The sub-indexes within the CGPI reflect changes in prices for broad asset types. The sub-index for assets associated with civil construction continues to show relatively strong price increases. This rose 2.8 percent in the June 2011 quarter when compared with the previous quarter, and by 5.3 percent when compared with the June 2010 quarter.

The following table shows percentage contributions and changes for each asset group in the all groups CGPI movement, from the March 2011 quarter to the June 2011 quarter.

<b>Capital goods price index</b> March 2011 quarter to June 2011 quarter		
<b>Asset group</b>	<b>Index points contribution</b>	<b>Quarterly percentage change</b>
Civil construction	3.89	2.8
Residential buildings	3.64	0.8
Non-residential buildings	1.29	0.6
Transport equipment	0.51	0.3
Land improvements	0.14	0.6
Plant, machinery, and equipment	-2.30	-0.6
All groups	7.17	0.5

**Note:** Points contributions may not sum to total due to rounding.



## Plant, machinery, and equipment

The price index for plant, machinery, and equipment (PME) had a 0.6 percent quarterly decrease in the June 2011 quarter, and a 2.5 percent decrease when compared with the June 2010 quarter.

The fall in the plant, machinery, and equipment price index in the latest quarter continues a general trend downwards since the June 2009 quarter. This coincided with a general strengthening of the New Zealand dollar over this period, reflecting growing purchasing power abroad for imported goods.

The index of computer equipment prices decreased by 5.6 percent when compared with the March 2011 quarter, and by 14.3 percent when compared with the June 2010 quarter. Computer equipment is the largest component of the plant, machinery, and equipment price index by weight. Due to the fast rate of quality adjustments necessary to retain comparable computer equipment prices over time, the sub-index is based on a model that uses related price indexes from the United States as a proxy. These are then exchange rate adjusted to express in New Zealand dollars.

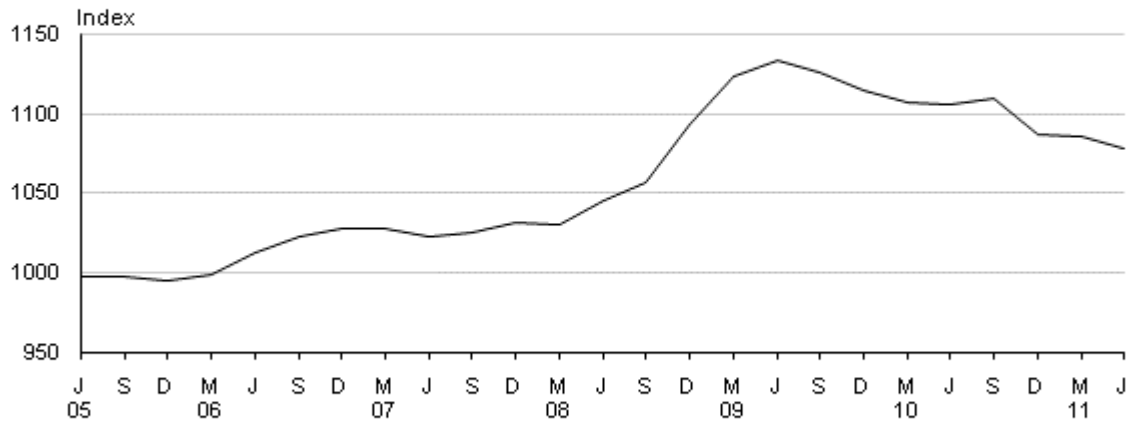
The second largest contributor to the downward movement in the PME price index was the sub-index for 'other general purpose machinery', which includes a wide range of industrial goods such as cooling, weighing, and filtering equipment. It was down by 1.0 percent in the June 2011 quarter, and decreased 1.6 percent for the year.

The price index for insulated wire, cable, and fibre optic cable had the largest offsetting movement for the quarter. It increased by 1.9 percent in the June 2011 quarter when compared with the March 2011 quarter. The increase was mainly driven up by higher prices for copper cabling.

### Plant, machinery, and equipment index

Quarterly

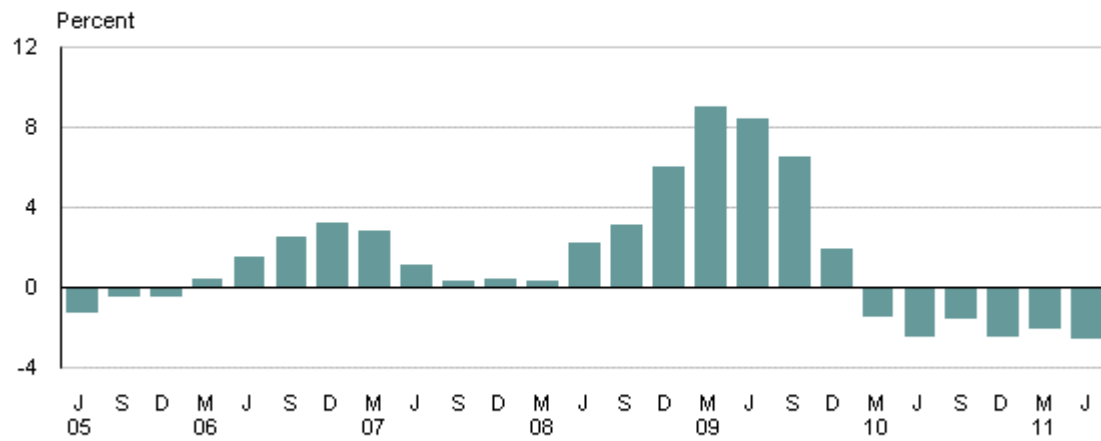
Base: September 1999 quarter (=1000)



Source: StatisticsNewZealand

### Plant, machinery, and equipment index

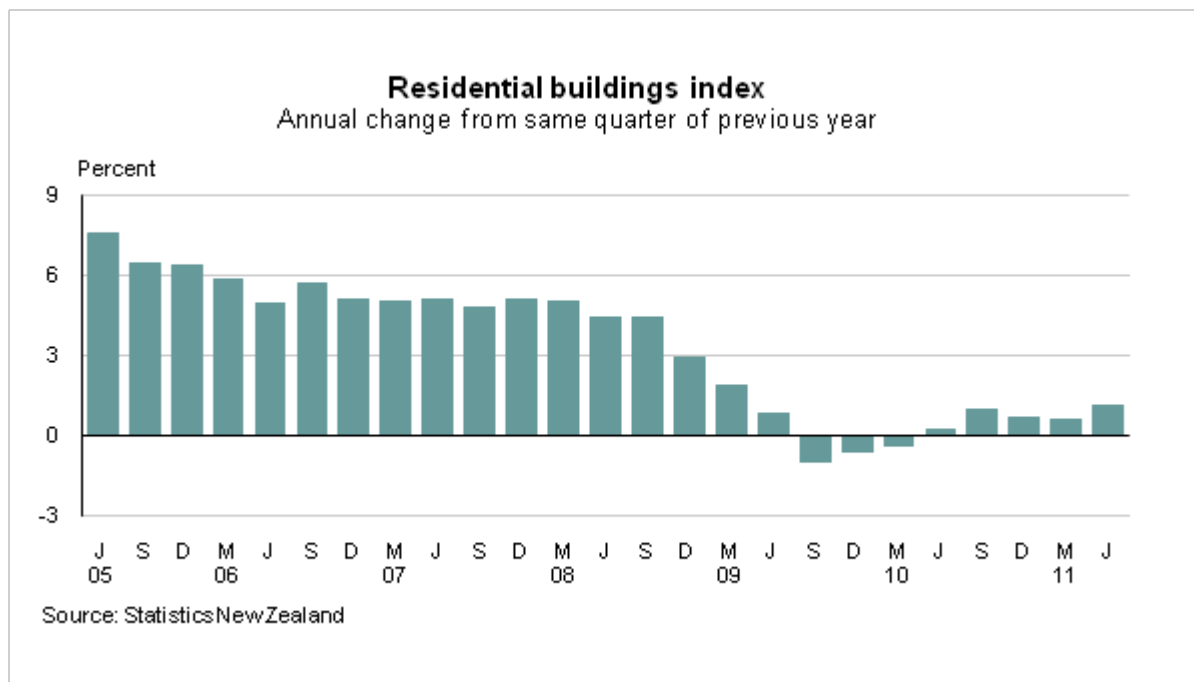
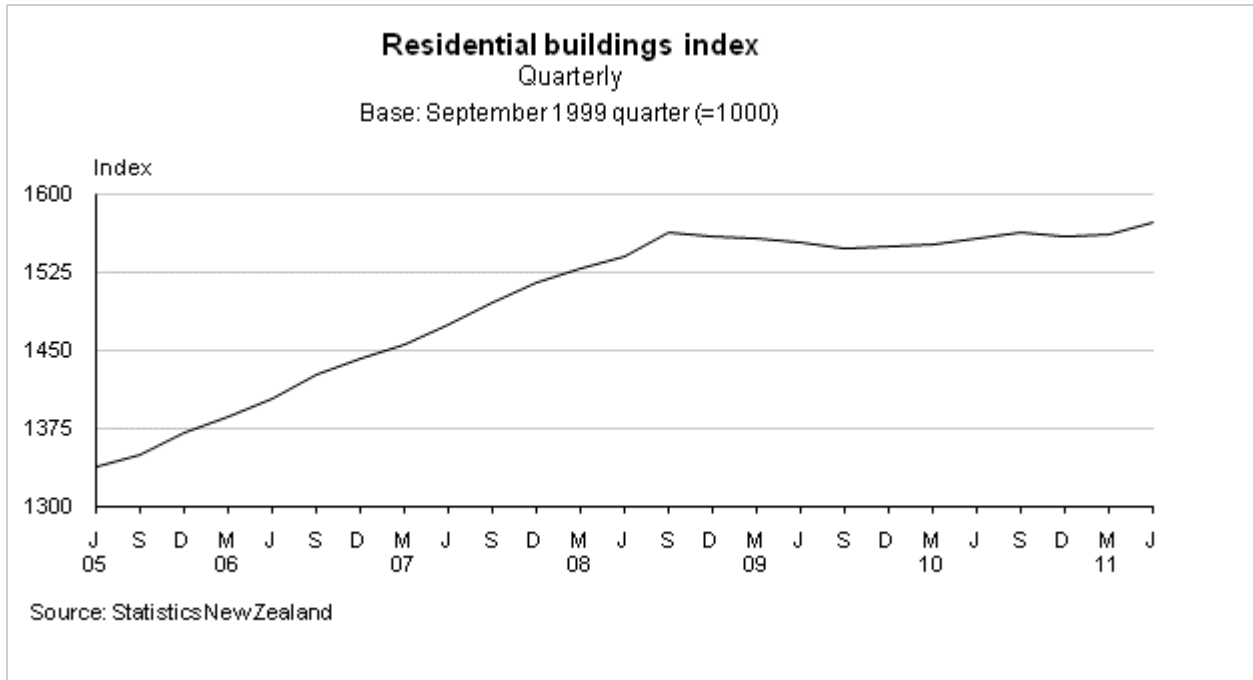
Annual change from same quarter of previous year



Source: StatisticsNewZealand

## Residential buildings

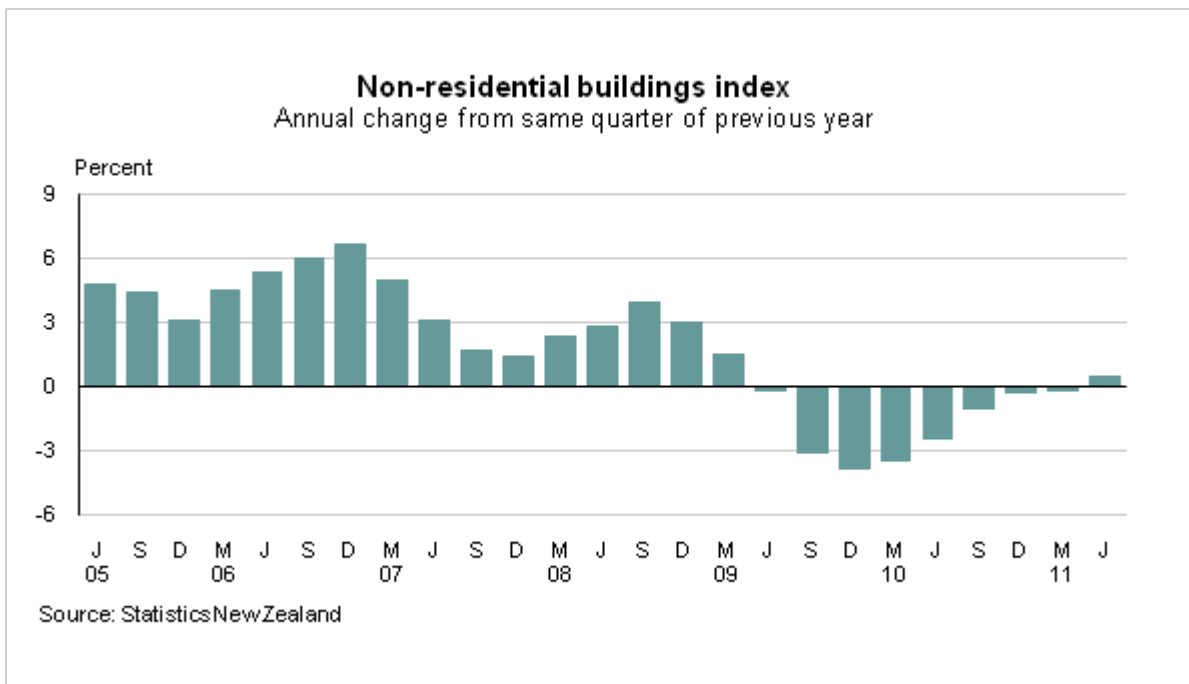
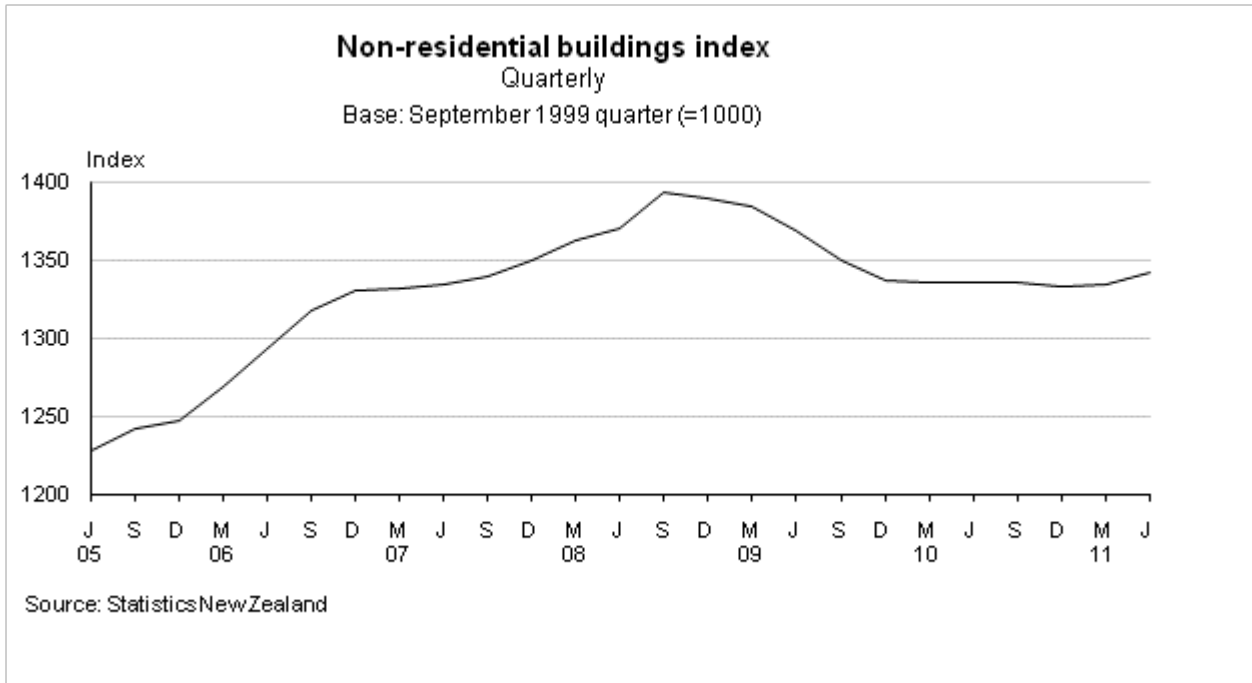
The residential buildings price index has remained relatively flat since late 2008. However, the June 2011 quarter saw a slight upturn, with an increase of 0.8 percent from the previous quarter and 1.1 percent when compared with the June 2010 quarter.



## Non-residential buildings

The non-residential buildings price index has generally been flat since the downwards movement seen in the December 2008 quarter and during 2009. In the June 2011 quarter it rose 0.6 percent, after a rise of 0.1 percent in the March 2011 quarter.

The increase in prices related to the construction of non-residential buildings in the June 2011 quarter was seen across all types of non-residential buildings. Prices relating to warehouses and factories rose 1.1 percent, while prices relating to farm buildings were up 0.8 percent.

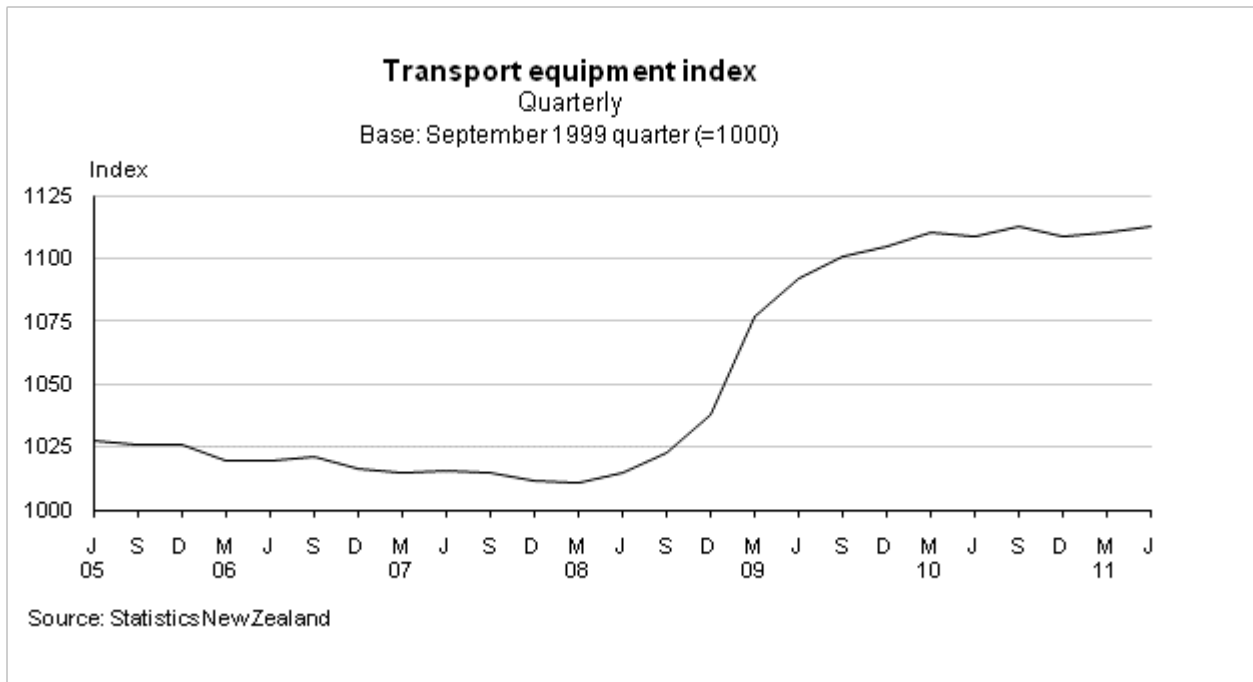


## Transport equipment

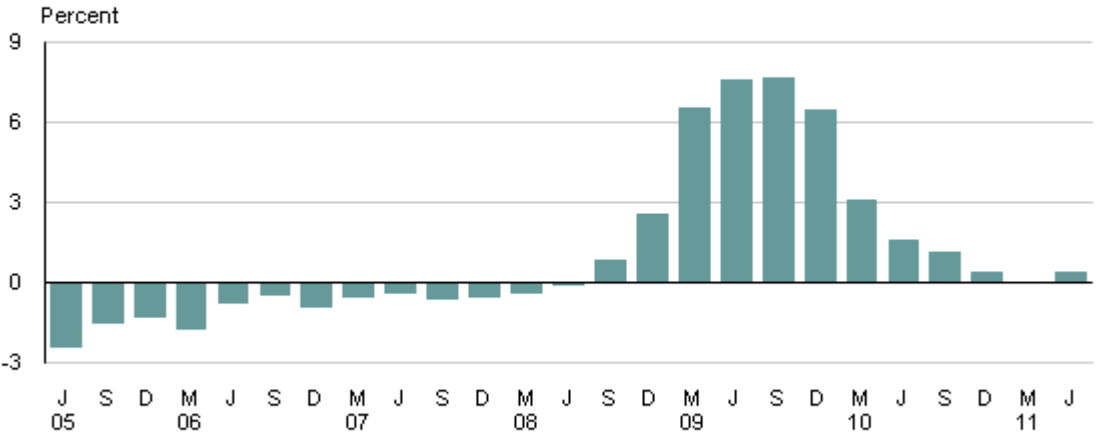
The transport equipment price index was up 0.3 percent when compared with the March 2011 quarter, and up 0.4 percent when compared with the June 2010 quarter. Prices for smaller cars (with engines up to 1600cc) were 1.4 percent lower than a year earlier.

Compared with the March 2011 quarter, the index reflected no change across a wide range of light commercial vehicles (up to 3500kg), but their prices were down marginally on a year ago (down 0.2 percent).

Prices for heavy commercial vehicles (over 3500kg) were up marginally (by 0.4 percent) when compared with the March 2011 quarter, and 0.7 percent higher than in the June 2010 quarter.



**Transport equipment index**  
Annual change from same quarter of previous year



Source: StatisticsNewZealand

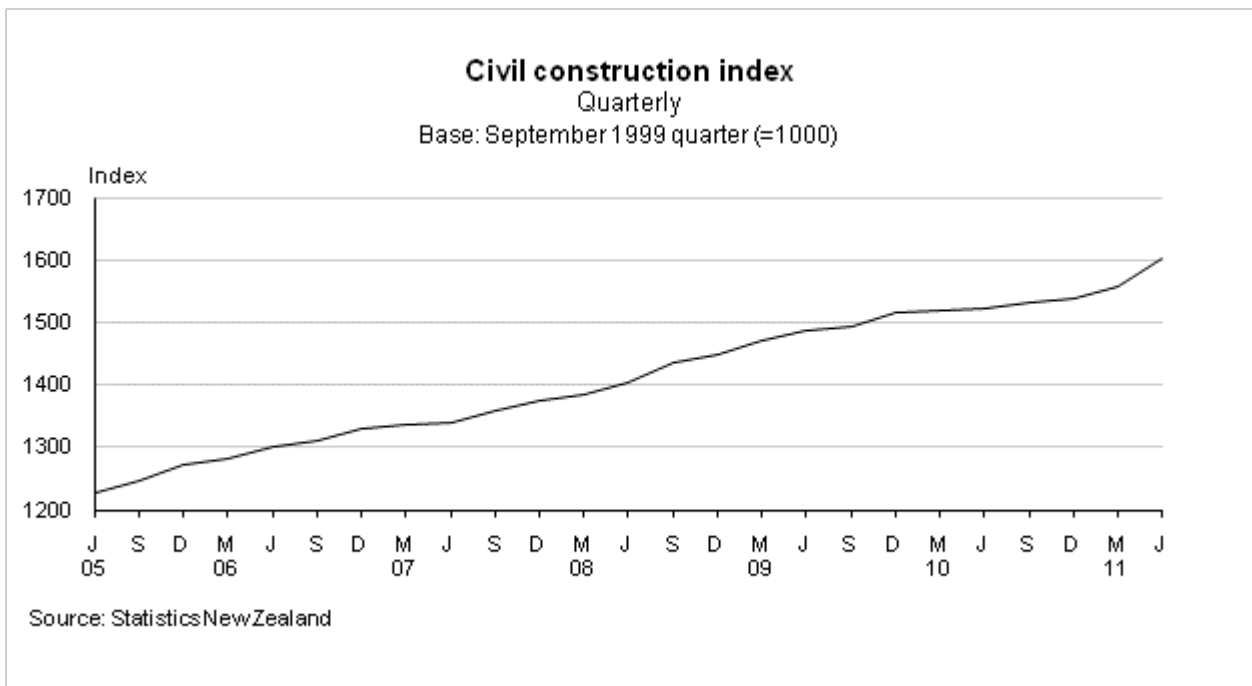


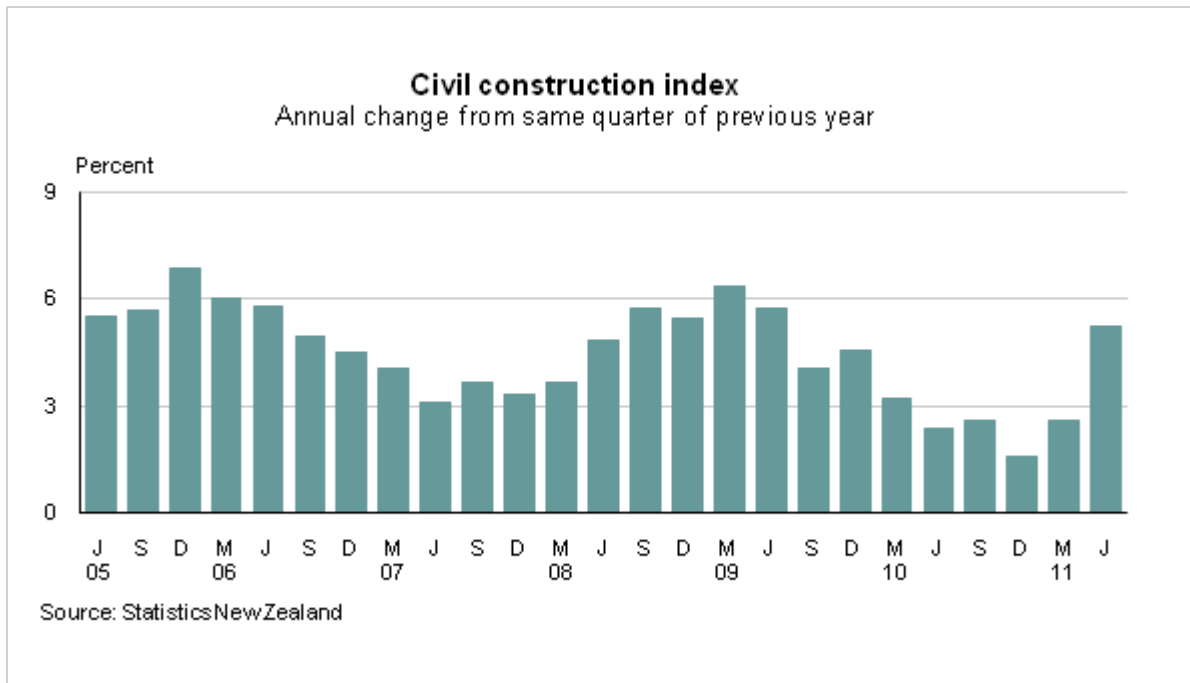
## Civil construction

The civil construction price index (previously named 'other construction') was up 2.8 percent in the June 2011 quarter. This follows quarterly rises of 1.2 percent in the March 2011 quarter and 0.4 percent in the December 2010 quarter.

The rise in the price index for civil construction was mainly influenced by the transport ways sub-index, which showed higher prices primarily for roading-related construction. The index for transport ways was up 3.8 percent for the quarter, and up 5.4 percent from the June 2010 quarter.

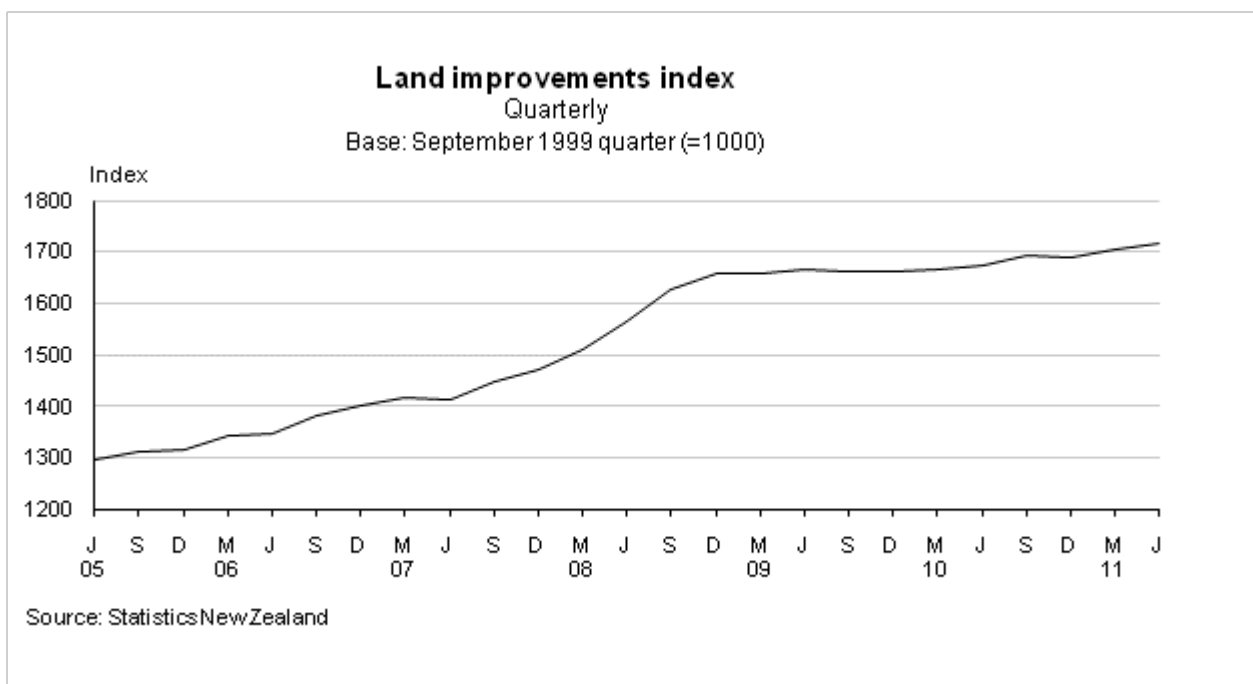
Prices for civil construction related to pipelines (gas, water, drainage, sewerage, and well digging) have been rising. These prices were up 0.9 percent from the March 2011 quarter, and increased 5.3 percent from the June 2010 quarter.

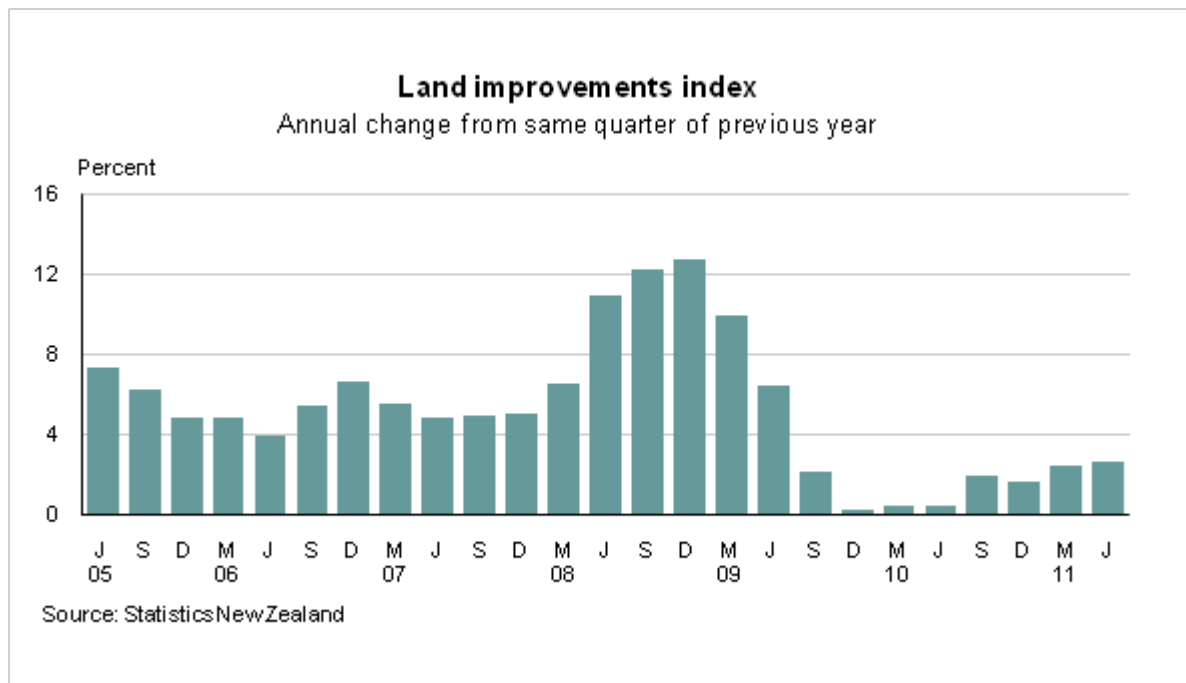




## Land improvements

The land improvements price index had a quarterly rise of 0.6 percent and an annual increase of 2.6 percent in the June 2011 quarter. The price index for land improvements includes four sub-indices: land clearing and establishment, fencing, irrigation and land drainage, and reclamation and river control. Of these, only irrigation and land drainage recorded a decrease. The sub-index with the largest contribution to the higher land improvements price index was for land clearing and establishment, which increased 1.4 percent on a quarterly basis and 1.5 percent when compared with the June 2010 quarter.





## Impact of exchange rates

When calculating the CGPI, prices collected on the 15th of the middle month in the quarter are generally used to represent the entire quarter. Prices collected for imported goods are often denominated in foreign currencies. These currencies are converted to New Zealand dollars using the exchange rate at the time of pricing.

In the June 2011 quarter, the New Zealand dollar appreciated against three key currencies of the country's five major trading partners. An appreciating New Zealand dollar has a downward influence on New Zealand dollar prices of goods denominated in foreign currencies. The table below shows changes in the value of the New Zealand dollar, in foreign currency denominations from the March 2011 quarter to the June 2011 quarter

<b>Exchange rates</b>					
Bank selling rates for NZ\$1.00					
	USA (NZ\$:US\$)	UK (NZ\$:pound)	Australia (NZ\$:AUS\$)	Japan (NZ\$:yen)	Europe (NZ\$:euro)
15 February 2011	0.7475	0.4658	0.7447	61.9877	0.5512
15 May 2011	0.7854	0.4818	0.7362	63.2166	0.5483
Percentage change	5.1	3.4	-1.1	2.0	-0.5

Source: Westpac Banking Corporation

For technical information contact:  
Suchindra Nanayakkara or Bernard Pullon  
Wellington 04 931 4600  
**Email:** [info@stats.govt.nz](mailto:info@stats.govt.nz)

## Next release...

*Capital Goods Price Index: September 2011 quarter* is due to be released on 17 November 2011.

## Technical notes

### Index coverage

The capital goods price index (CGPI) provides a measure of the price level changes for physical capital assets purchased by producers of goods and services throughout the economy.

### Exclusions from index

Large value items that are non-recurring and/or manufactured to customer specifications (such as aircraft and ships) are excluded from the price survey. Second-hand equipment (such as cars) is also excluded from the index.

### Calculation

The CGPI is a Laspeyres base-weighted price index series. The weights of the commodities are determined by the relative importance within each of the asset type indexes. Weighting information has been derived from statistics on external trade, manufacturing and building, and vehicle registrations, as well as discussions with manufacturers, importers, wholesalers, and retailers. Data for several years have been used, as expenditure on capital goods can be irregular. GST is excluded from prices used in this index because it is recoverable for GST-registered businesses.

### Data quality

All care has been used in surveying, processing, analysing, and extracting the data for the CGPI. However, all data are subject to possible statistical uncertainty. These variations may result, for example, from uncertainty introduced during non-response imputation, or from reporting difficulties for respondents, or errors made during processing survey results. Statistics New Zealand adopts procedures to detect and minimise avoidable variation and eliminate errors, but they may still occur and they are not quantifiable. At higher levels of aggregation, much of the individual variability often cancels out. The CGPI data have been checked at published and underlying level indexes to identify any remaining detectable errors and uncertainty, and these are corrected or re-estimated where possible. Ongoing work to redevelop, reweight, and enhance price indexes has the potential to change the underlying indexes. Accordingly, these data may be subject to revisions in the future.

### Coverage

The index is calculated quarterly primarily from price quotes collected by postal survey. Approximately 13,000 individual commodity items are surveyed from about 3,000 respondents, to provide prices for use in the CGPI and other business price indexes. When calculating the CGPI, prices collected on the 15th day of the middle month of the quarter are generally used to represent the entire quarter. Prices collected for imported goods are often denominated in foreign currencies. These currencies are converted to New Zealand dollars using the exchange rate at the time of pricing.

## Contract indexation

Parties that engage in commercial contracts sometimes use a range of price indexes produced by Statistics NZ in their indexation clauses (also known as contract escalation clauses). An indexation clause provides both parties to a contract with an agreed procedure for adjusting an originally contracted price to reflect changes in costs or prices during the life of the contract.

Contract indexation: A Guide for Businesses provides information on the price indexes Statistics NZ produces and issues – relating to their use in indexation clauses. The guide also outlines some points to consider when preparing an indexation clause, and includes an example of the mechanics of a simple indexation formula.

## Index series available online

To access more data from the CGPI series, go to [Infoshare](#) on the Statistics NZ website ([www.stats.govt.nz](http://www.stats.govt.nz)) and choose:

Subject category: **Economic indicators**  
Group: **Capital Goods Price Index.**

The time series can be downloaded in Excel or comma delimited format, where percentage movements can be calculated using the following formula: ((Index number for later period minus index number for earlier period) divided by index number for earlier period) multiplied by 100.

More information about [Infoshare](#) can be found on our website.

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## Timing

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## Tables

The following tables are printed with this information release and can also be downloaded from the Statistics New Zealand website in Excel format. If you do not have access to Excel, you may use the [Excel file viewer](#) to view, print and export the contents of the file

1. Capital goods price index
2. Capital goods price index, percentage change from previous quarter
3. Capital goods price index, percentage change from same quarter of previous year

**Capital Goods Price Index: June 2011 quarter**

Table 1

**Capital Goods Price Index**  
*Base: September 1999 quarter (=1000)*  
 (Indexes relate to price levels ruling at the mid-point of each quarter)

Asset type	Series ref. CEPQ	Quarter								
		2009			2010				2011	
		Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun
<b>Residential buildings<sup>(1)</sup></b>	<i>S2GA</i>	1553	1547	1549	1551	1556	1562	1559	1560	1573
Dwellings and out-buildings	<i>S2AA</i>	1599	1598	1606	1609	1616	1623	1620	1619	1634
Hostels, boarding houses <sup>(1)</sup>	<i>S2AB</i>	1190	1172	1158	1157	1157	1157	1157	1159	1169
<b>Non-residential buildings<sup>(1)</sup></b>	<i>S2GB</i>	1369	1350	1337	1336	1336	1336	1333	1334	1342
Shops, offices <sup>(1)</sup>	<i>S2BA</i>	1306	1293	1281	1280	1280	1280	1273	1274	1281
Warehouses, factories <sup>(1)</sup>	<i>S2BB</i>	1458	1411	1396	1394	1394	1394	1389	1391	1406
Farm buildings	<i>S2BF</i>	1524	1502	1474	1459	1461	1468	1465	1465	1476
Other non-residential buildings <sup>(1)</sup>	<i>S2BI</i>	1394	1388	1379	1378	1379	1379	1378	1380	1385
<b>Civil construction</b>	<i>S2GC</i>	1486	1494	1515	1519	1521	1533	1539	1558	1601
Transport ways	<i>S2CA</i>	1495	1523	1573	1575	1570	1574	1567	1594	1654
Pipelines	<i>S2CB</i>	1636	1627	1631	1640	1653	1690	1716	1724	1740
Electrical works	<i>S2CC</i>	1332	1343	1364	1374	1381	1392	1400	1422	1482
Earthmoving and site work	<i>S2CD</i>	1502	1507	1516	1514	1516	1522	1535	1546	1574
<b>Land improvements</b>	<i>S2GD</i>	1667	1661	1662	1666	1673	1692	1688	1706	1716
Land clearing and establishment	<i>S2DA</i>	1432	1431	1421	1408	1405	1393	1396	1406	1426
Fencing	<i>S2DB</i>	1567	1539	1561	1552	1573	1654	1613	1625	1638
Irrigation and land drainage	<i>S2DC</i>	2484	2493	2473	2549	2555	2542	2564	2631	2618
Reclamation and river control	<i>S2DD</i>	1393	1397	1409	1411	1413	1415	1432	1438	1441
<b>Transport equipment</b>	<i>S2GE</i>	1092	1101	1105	1110	1109	1113	1109	1110	1113
Cars 1600cc and under	<i>S2EA</i>	1047	1049	1049	1053	1054	1055	1034	1038	1039
Cars over 1600cc	<i>S2EB</i>	1034	1055	1066	1065	1067	1071	1067	1060	1065
Commercial vehicles 3500kg and under	<i>S2EC</i>	1129	1132	1135	1143	1143	1143	1141	1141	1141
Commercial vehicles over 3500kg	<i>S2ED</i>	1201	1207	1210	1210	1204	1201	1201	1207	1212
Buses	<i>S2EE</i>	1176	1139	1106	1108	1108	1132	1132	1132	1132
Trailers	<i>S2EF</i>	1472	1469	1469	1472	1472	1487	1489	1489	1519
Motorcycles	<i>S2EG</i>	1184	1196	1147	1148	1152	1159	1163	1136	1134
Helicopters	<i>S2EJ</i>	1469	1293	1181	1266	1262	1282	1169	1215	1158
<b>Plant, machinery, and equipment</b>	<i>S2GF</i>	1133	1126	1114	1107	1106	1109	1087	1085	1078
Glass and glass products	<i>S2371</i>	1124	1120	1116	1118	1120	1120	1135	1147	1144
Furniture	<i>S2381</i>	1306	1316	1336	1297	1338	1333	1339	1309	1307
Other manufactured articles	<i>S2389</i>	1220	1236	1240	1238	1297	1300	1300	1244	1244
Structural metal products	<i>S2421</i>	1738	1685	1649	1649	1731	1765	1750	1786	1787
Metal tanks, reservoirs, and containers	<i>S2422</i>	1633	1713	1682	1683	1691	1690	1677	1672	1696
Steam generators	<i>S2423</i>	1649	1405	1378	1322	1412	1404	1404	1384	1403
Other fabricated metal products	<i>S2429</i>	1307	1310	1307	1295	1307	1324	1314	1320	1314

For footnotes, see end of table.

**Capital Goods Price Index: June 2011 quarter**

Table 1  
Continued

**Capital Goods Price Index**  
*Base: September 1999 quarter (=1000)*  
(Indexes relate to price levels ruling at the mid-point of each quarter)

	Series ref: CEPQ	Quarter								
		2009			2010				2011	
		Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun
<b>Plant, machinery, and equipment (continued)</b>										
Engines and turbines	S2431	1123	1115	1112	1110	1110	1102	1087	1098	1107
Pumping and compressing equipment	S2432	1349	1341	1337	1349	1345	1385	1372	1385	1365
Ovens and furnace burners	S2434	1228	1228	1228	1222	1237	1237	1184	1204	1273
Lifting and handling equipment	S2435	1223	1207	1199	1203	1186	1194	1177	1192	1192
Other general purpose machinery	S2439	1344	1351	1350	1356	1356	1353	1339	1347	1334
Agricultural and forestry equipment	S2441	1296	1291	1295	1270	1269	1271	1265	1224	1224
Machine tools	S2442	1201	1196	1191	1186	1181	1183	1189	1194	1197
Machinery for mining, quarrying, and construction	S2444	1283	1239	1210	1195	1194	1194	1198	1215	1204
Machinery for food, beverage, and tobacco processing	S2445	1376	1407	1395	1410	1412	1436	1422	1400	1400
Machinery for textile, apparel, and leather production	S2446	1134	1194	1174	1160	1152	1156	1140	1142	1128
Domestic appliances	S2448	1297	1296	1304	1279	1278	1258	1247	1223	1217
Other special purpose machinery	S2449	1152	1112	1180	1188	1139	1154	1145	1155	1154
Office and accounting machinery	S2451	936	929	931	917	913	923	919	919	926
Computer machinery	S2452	537	528	485	493	476	477	427	432	408
Electric motors, generators, and transformers	S2461	1150	1162	1176	1164	1180	1153	1158	1182	1188
Electricity distribution and control apparatus	S2462	1273	1275	1262	1256	1207	1211	1212	1242	1246
Insulated wire and cable; optical fibre cables	S2463	1822	1854	1880	1877	1914	1905	1875	1891	1927
Accumulators, primary cells, and primary batteries	S2464	1418	1442	1442	1468	1512	1535	1515	1515	1514
Other electrical equipment	S2469	1293	1289	1292	1281	1268	1278	1294	1302	1292
Television and radio transmitters and apparatus	S2472	909	908	895	866	864	858	841	834	836
Medical and surgical equipment	S2481	1252	1243	1246	1247	1255	1246	1184	1186	1190
Measuring, testing, and navigating instruments	S2482	1152	1156	1158	1153	1154	1147	1142	1132	1144
Optical instruments and photographic equipment	S2483	1087	1089	1075	1066	1081	1054	1044	1044	1046
Bodies for motor vehicles and trailers	S2492	1529	1526	1461	1402	1375	1385	1419	1420	1427
Other plant, machinery, and equipment	S2999	1141	1128	1121	1089	1079	1128	1144	1107	1105
<b>All groups</b>	<b>S2GG</b>	<b>1317</b>	<b>1312</b>	<b>1309</b>	<b>1308</b>	<b>1309</b>	<b>1314</b>	<b>1305</b>	<b>1307</b>	<b>1314</b>

(1) This index does not purport to reflect all price changes in building work because of measurement difficulties, particularly with respect to margins and discounts on labour and material prices.



Table 2

**Capital Goods Price Index**  
Percentage change from previous quarter

Asset type	Series ref: CEPQ	Quarter								
		2009			2010			2011		
		Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun
<b>Residential buildings<sup>(1)</sup></b>	<b>S2GA</b>	-0.3	-0.4	0.1	0.1	0.3	0.4	-0.2	0.1	0.8
Dwellings and out-buildings	S2AA	0.1	-0.1	0.5	0.2	0.4	0.4	-0.2	-0.1	0.9
Hostels, boarding houses <sup>(1)</sup>	S2AB	-1.7	-1.5	-1.2	-0.1	0.0	0.0	0.0	0.2	0.9
<b>Non-residential buildings<sup>(1)</sup></b>	<b>S2GB</b>	-1.1	-1.4	-1.0	-0.1	0.0	0.0	-0.2	0.1	0.6
Shops, offices <sup>(1)</sup>	S2BA	-1.4	-1.0	-0.9	-0.1	0.0	0.0	-0.5	0.1	0.5
Warehouses, factories <sup>(1)</sup>	S2BB	-1.0	-3.2	-1.1	-0.1	0.0	0.0	-0.4	0.1	1.1
Farm buildings	S2BF	-0.9	-1.4	-1.9	-1.0	0.1	0.5	-0.2	0.0	0.8
Other non-residential buildings <sup>(1)</sup>	S2BI	-0.9	-0.4	-0.6	-0.1	0.1	0.0	-0.1	0.1	0.4
<b>Civil construction</b>	<b>S2GC</b>	1.0	0.5	1.4	0.3	0.1	0.8	0.4	1.2	2.8
Transport ways	S2CA	2.6	1.9	3.3	0.1	-0.3	0.3	-0.4	1.7	3.8
Pipelines	S2CB	0.1	-0.6	0.2	0.6	0.8	2.2	1.5	0.5	0.9
Electrical works	S2CC	0.2	0.8	1.6	0.7	0.5	0.8	0.6	1.6	4.2
Earthmoving and site work	S2CD	1.6	0.3	0.6	-0.1	0.1	0.4	0.9	0.7	1.8
<b>Land improvements</b>	<b>S2GD</b>	0.5	-0.4	0.1	0.2	0.4	1.1	-0.2	1.1	0.6
Land clearing and establishment	S2DA	0.6	-0.1	-0.7	-0.9	-0.2	-0.9	0.2	0.7	1.4
Fencing	S2DB	0.3	-1.8	1.4	-0.6	1.4	5.1	-2.5	0.7	0.8
Irrigation and land drainage	S2DC	0.2	0.4	-0.8	3.1	0.2	-0.5	0.9	2.6	-0.5
Reclamation and river control	S2DD	0.9	0.3	0.9	0.1	0.1	0.1	1.2	0.4	0.2
<b>Transport equipment</b>	<b>S2GE</b>	1.4	0.8	0.4	0.5	-0.1	0.4	-0.4	0.1	0.3
Cars 1600cc and under	S2EA	2.4	0.2	0.0	0.4	0.1	0.1	-2.0	0.4	0.1
Cars over 1600cc	S2EB	1.3	2.0	1.0	-0.1	0.2	0.4	-0.4	-0.7	0.5
Commercial vehicles 3500kg and under	S2EC	2.3	0.3	0.3	0.7	0.0	0.0	-0.2	0.0	0.0
Commercial vehicles over 3500kg	S2ED	2.2	0.5	0.2	0.0	-0.5	-0.2	0.0	0.5	0.4
Buses	S2EE	-6.2	-3.1	-2.9	0.2	0.0	2.2	0.0	0.0	0.0
Trailers	S2EF	-0.1	-0.2	0.0	0.2	0.0	1.0	0.1	0.0	2.0
Motorcycles	S2EG	0.9	1.0	-4.1	0.1	0.3	0.6	0.3	-2.3	-0.2
Helicopters	S2EJ	-12.6	-12.0	-8.7	7.2	-0.3	1.6	-8.8	3.9	-4.7
<b>Plant, machinery, and equipment</b>	<b>S2GF</b>	0.9	-0.6	-1.1	-0.6	-0.1	0.3	-2.0	-0.2	-0.6
Glass and glass products	S2371	0.0	-0.4	-0.4	0.2	0.2	0.0	1.3	1.1	-0.3
Furniture	S2381	2.0	0.8	1.5	-2.9	3.2	-0.4	0.5	-2.2	-0.2
Other manufactured articles	S2389	0.5	1.3	0.3	-0.2	4.8	0.2	0.0	-4.3	0.0
Structural metal products	S2421	3.7	-3.0	-2.1	0.0	5.0	2.0	-0.8	2.1	0.1
Metal tanks, reservoirs, and containers	S2422	-0.8	4.9	-1.8	0.1	0.5	-0.1	-0.8	-0.3	1.4
Steam generators	S2423	-1.3	-14.8	-1.9	-4.1	6.8	-0.6	0.0	-1.4	1.4
Other fabricated metal products	S2429	0.3	0.2	-0.2	-0.9	0.9	1.3	-0.8	0.5	-0.5

For footnotes, see end of table.

**Capital Goods Price Index: June 2011 quarter**

Table 2  
Continued

**Capital Goods Price Index**  
*Percentage change from previous quarter*

	Series ref: CEPQ	Quarter									
		2009			2010				2011		
		Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	
<b>Plant, machinery, and equipment (continued)</b>											
Engines and turbines	S2431	3.7	-0.7	-0.3	-0.2	0.0	-0.7	-1.4	1.0	0.8	
Pumping and compressing equipment	S2432	1.0	-0.6	-0.3	0.9	-0.3	3.0	-0.9	0.9	-1.4	
Ovens and furnace burners	S2434	0.0	0.0	0.0	-0.5	1.2	0.0	-4.3	1.7	5.7	
Lifting and handling equipment	S2435	-2.5	-1.3	-0.7	0.3	-1.4	0.7	-1.4	1.3	0.0	
Other general purpose machinery	S2439	3.9	0.5	-0.1	0.4	0.0	-0.2	-1.0	0.6	-1.0	
Agricultural and forestry equipment	S2441	1.1	-0.4	0.3	-1.9	-0.1	0.2	-0.5	-3.2	0.0	
Machine tools	S2442	1.7	-0.4	-0.4	-0.4	-0.4	0.2	0.5	0.4	0.3	
Machinery for mining, quarrying, and construction	S2444	-1.4	-3.4	-2.3	-1.2	-0.1	0.0	0.3	1.4	-0.9	
Machinery for food, beverage, and tobacco processing	S2445	0.0	2.3	-0.9	1.1	0.1	1.7	-1.0	-1.5	0.0	
Machinery for textile, apparel, and leather production	S2446	-2.8	5.3	-1.7	-1.2	-0.7	0.3	-1.4	0.2	-1.2	
Domestic appliances	S2448	2.2	-0.1	0.6	-1.9	-0.1	-1.6	-0.9	-1.9	-0.5	
Other special purpose machinery	S2449	0.0	-3.5	6.1	0.7	-4.1	1.3	-0.8	0.9	-0.1	
Office and accounting machinery	S2451	0.1	-0.7	0.2	-1.5	-0.4	1.1	-0.4	0.0	0.8	
Computer machinery	S2452	-1.8	-1.7	-8.1	1.6	-3.4	0.2	-10.5	1.2	-5.6	
Electric motors, generators, and transformers	S2461	0.2	1.0	1.2	-1.0	1.4	-2.3	0.4	2.1	0.5	
Electricity distribution and control apparatus	S2462	7.2	0.2	-1.0	-0.5	-3.9	0.3	0.1	2.5	0.3	
Insulated wire and cable; optical fibre cables	S2463	-3.0	1.8	1.4	-0.2	2.0	-0.5	-1.6	0.9	1.9	
Accumulators, primary cells, and primary batteries	S2464	-0.4	1.7	0.0	1.8	3.0	1.5	-1.3	0.0	-0.1	
Other electrical equipment	S2469	2.7	-0.3	0.2	-0.9	-1.0	0.8	1.3	0.6	-0.8	
Television and radio transmitters and apparatus	S2472	0.3	-0.1	-1.4	-3.2	-0.2	-0.7	-2.0	-0.8	0.2	
Medical and surgical equipment	S2481	-0.1	-0.7	0.2	0.1	0.6	-0.7	-5.0	0.2	0.3	
Measuring, testing, and navigating instruments	S2482	1.1	0.3	0.2	-0.4	0.1	-0.6	-0.4	-0.9	1.1	
Optical instruments and photographic equipment	S2483	-2.3	0.2	-1.3	-0.8	1.4	-2.5	-0.9	0.0	0.2	
Bodies for motor vehicles and trailers	S2492	-0.1	-0.2	-4.3	-4.0	-1.9	0.7	2.5	0.1	0.5	
Other plant, machinery, and equipment	S2999	5.5	-1.1	-0.6	-2.9	-0.9	4.5	1.4	-3.2	-0.2	
<b>All groups</b>	<b>S2GG</b>	<b>0.3</b>	<b>-0.4</b>	<b>-0.2</b>	<b>-0.1</b>	<b>0.1</b>	<b>0.4</b>	<b>-0.7</b>	<b>0.2</b>	<b>0.5</b>	

(1) This index does not purport to reflect all price changes in building work because of measurement difficulties, particularly with respect to margins and discounts on labour and material prices.

**Capital Goods Price Index: June 2011 quarter**

Table 3

**Capital Goods Price Index**  
Percentage change from same quarter of previous year

Asset type	Series ref: CEPQ	Quarter								
		2009			2010			2011		
		Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun
<b>Residential buildings<sup>(1)</sup></b>	<b>S2GA</b>	0.8	-1.0	-0.6	-0.4	0.2	1.0	0.6	0.6	1.1
Dwellings and out-buildings	S2AA	1.4	0.0	0.6	0.8	1.1	1.6	0.9	0.6	1.1
Hostels, boarding houses <sup>(1)</sup>	S2AB	-1.2	-4.2	-4.8	-4.4	-2.8	-1.3	-0.1	0.2	1.0
<b>Non-residential buildings<sup>(1)</sup></b>	<b>S2GB</b>	-0.1	-3.1	-3.8	-3.5	-2.4	-1.0	-0.3	-0.1	0.4
Shops, offices <sup>(1)</sup>	S2BA	-0.3	-2.8	-3.6	-3.3	-2.0	-1.0	-0.6	-0.5	0.1
Warehouses, factories <sup>(1)</sup>	S2BB	0.1	-5.4	-5.9	-5.3	-4.4	-1.2	-0.5	-0.2	0.9
Farm buildings	S2BF	0.9	-2.4	-4.4	-5.1	-4.1	-2.3	-0.6	0.4	1.0
Other non-residential buildings <sup>(1)</sup>	S2BI	0.9	-1.6	-2.2	-2.0	-1.1	-0.6	-0.1	0.1	0.4
<b>Civil construction</b>	<b>S2GC</b>	5.8	4.0	4.6	3.2	2.4	2.6	1.6	2.6	5.3
Transport ways	S2CA	4.8	7.8	11.0	8.1	5.0	3.3	-0.4	1.2	5.4
Pipelines	S2CB	10.3	3.5	2.4	0.3	1.0	3.9	5.2	5.1	5.3
Electrical works	S2CC	1.7	1.7	2.7	3.4	3.7	3.6	2.6	3.5	7.3
Earthmoving and site work	S2CD	5.6	4.0	2.9	2.4	0.9	1.0	1.3	2.1	3.8
<b>Land improvements</b>	<b>S2GD</b>	6.4	2.1	0.2	0.4	0.4	1.9	1.6	2.4	2.6
Land clearing and establishment	S2DA	5.4	2.3	-2.4	-1.1	-1.9	-2.7	-1.8	-0.1	1.5
Fencing	S2DB	4.1	-0.8	-0.3	-0.7	0.4	7.5	3.3	4.7	4.1
Irrigation and land drainage	S2DC	11.1	5.1	2.5	2.9	2.9	2.0	3.7	3.2	2.5
Reclamation and river control	S2DD	3.6	1.3	1.8	2.2	1.4	1.3	1.6	1.9	2.0
<b>Transport equipment</b>	<b>S2GE</b>	7.6	7.6	6.5	3.1	1.6	1.1	0.4	0.0	0.4
Cars 1600cc and under	S2EA	8.9	9.0	7.5	3.0	0.7	0.6	-1.4	-1.4	-1.4
Cars over 1600cc	S2EB	5.5	7.3	7.6	4.3	3.2	1.5	0.1	-0.5	-0.2
Commercial vehicles 3500kg and under	S2EC	7.1	6.8	7.3	3.5	1.2	1.0	0.5	-0.2	-0.2
Commercial vehicles over 3500kg	S2ED	12.1	10.7	8.7	3.0	0.2	-0.5	-0.7	-0.2	0.7
Buses	S2EE	10.9	3.4	-8.1	-11.6	-5.8	-0.6	2.4	2.2	2.2
Trailers	S2EF	4.5	2.5	0.8	-0.1	0.0	1.2	1.4	1.2	3.2
Motorcycles	S2EG	10.7	12.1	8.4	-2.1	-2.7	-3.1	1.4	-1.0	-1.6
Helicopters	S2EJ	27.1	1.2	-27.1	-24.7	-14.1	-0.9	-1.0	-4.0	-8.2
<b>Plant, machinery, and equipment</b>	<b>S2GF</b>	8.4	6.5	1.9	-1.4	-2.4	-1.5	-2.4	-2.0	-2.5
Glass and glass products	S2371	6.4	6.1	1.9	-0.5	-0.4	0.0	1.7	2.6	2.1
Furniture	S2381	9.9	4.2	5.0	1.2	2.5	1.3	0.2	0.9	-2.3
Other manufactured articles	S2389	3.7	4.5	2.6	2.0	6.3	5.2	4.8	0.5	-4.1
Structural metal products	S2421	17.0	6.7	-2.0	-1.6	-0.4	4.7	6.1	8.3	3.2
Metal tanks, reservoirs, and containers	S2422	5.9	4.8	2.1	2.2	3.6	-1.3	-0.3	-0.7	0.3
Steam generators	S2423	-6.1	-23.4	-24.5	-20.8	-14.4	-0.1	1.9	4.7	-0.6
Other fabricated metal products	S2429	8.0	4.9	1.0	-0.6	0.0	1.1	0.5	1.9	0.5

For footnotes, see end of table.

**Capital Goods Price Index: June 2011 quarter**

Table 3  
Continued

**Capital Goods Price Index**  
*Percentage change from same quarter of previous year*

	Series ref: CEPQ	Quarter									
		2009			2010				2011		
		Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	
<b>Plant, machinery, and equipment (continued)</b>											
Engines and turbines	S2431	12.1	9.7	4.9	2.5	-1.2	-1.2	-2.2	-1.1	-0.3	
Pumping and compressing equipment	S2432	11.3	9.6	3.3	1.0	-0.3	3.3	2.6	2.7	1.5	
Ovens and furnace burners	S2434	11.3	11.1	9.7	-0.5	0.7	0.7	-3.6	-1.5	2.9	
Lifting and handling equipment	S2435	21.3	16.3	0.8	-4.1	-3.0	-1.1	-1.8	-0.9	0.5	
Other general purpose machinery	S2439	10.9	9.7	7.1	4.9	0.9	0.1	-0.8	-0.7	-1.6	
Agricultural and forestry equipment	S2441	10.8	6.3	5.0	-0.9	-2.1	-1.5	-2.3	-3.6	-3.5	
Machine tools	S2442	8.5	7.1	3.5	0.4	-1.7	-1.1	-0.2	0.7	1.4	
Machinery for mining, quarrying, and construction	S2444	24.0	18.7	3.7	-8.1	-6.9	-3.6	-1.0	1.7	0.8	
Machinery for food, beverage, and tobacco processing	S2445	7.0	8.4	5.7	2.5	2.6	2.1	1.9	-0.7	-0.8	
Machinery for textile, apparel, and leather production	S2446	8.3	13.1	4.2	-0.6	1.6	-3.2	-2.9	-1.6	-2.1	
Domestic appliances	S2448	9.2	6.1	4.2	0.8	-1.5	-2.9	-4.4	-4.4	-4.8	
Other special purpose machinery	S2449	9.2	5.6	6.1	3.1	-1.1	3.8	-3.0	-2.8	1.3	
Office and accounting machinery	S2451	-0.6	-0.3	0.3	-1.9	-2.5	-0.6	-1.3	0.2	1.4	
Computer machinery	S2452	1.9	-0.4	-10.7	-9.9	-11.4	-9.7	-12.0	-12.4	-14.3	
Electric motors, generators, and transformers	S2461	3.6	3.2	4.4	1.4	2.6	-0.8	-1.5	1.5	0.7	
Electricity distribution and control apparatus	S2462	10.1	11.1	9.5	5.8	-5.2	-5.0	-4.0	-1.1	3.2	
Insulated wire and cable; optical fibre cables	S2463	-21.8	-0.1	-0.6	-0.1	5.0	2.8	-0.3	0.7	0.7	
Accumulators, primary cells, and primary batteries	S2464	4.4	5.6	5.6	3.1	6.6	6.4	5.1	3.2	0.1	
Other electrical equipment	S2469	4.7	2.9	2.6	1.7	-1.9	-0.9	0.2	1.6	1.9	
Television and radio transmitters and apparatus	S2472	3.8	5.0	0.2	-4.4	-5.0	-5.5	-6.0	-3.7	-3.2	
Medical and surgical equipment	S2481	6.2	3.7	1.1	-0.5	0.2	0.2	-5.0	-4.9	-5.2	
Measuring, testing, and navigating instruments	S2482	16.2	15.0	10.4	1.1	0.2	-0.8	-1.4	-1.8	-0.9	
Optical instruments and photographic equipment	S2483	2.4	1.8	0.5	-4.2	-0.6	-3.2	-2.9	-2.1	-3.2	
Bodies for motor vehicles and trailers	S2492	5.5	3.5	-3.3	-8.4	-10.1	-9.2	-2.9	1.3	3.8	
Other plant, machinery, and equipment	S2999	5.3	4.4	4.2	0.6	-5.4	0.0	2.1	1.7	2.4	
<b>All groups</b>	<b>S2GG</b>	<b>4.1</b>	<b>2.3</b>	<b>0.9</b>	<b>-0.4</b>	<b>-0.6</b>	<b>0.2</b>	<b>-0.3</b>	<b>-0.1</b>	<b>0.4</b>	

(1) This index does not purport to reflect all price changes in building work because of measurement difficulties, particularly with respect to margins and discounts on labour and material prices.