SingStat Table Builder Unveiled

Launched in August 2013, this free interactive application allows users to build customised data tables, export data tables and plot graphs and charts.
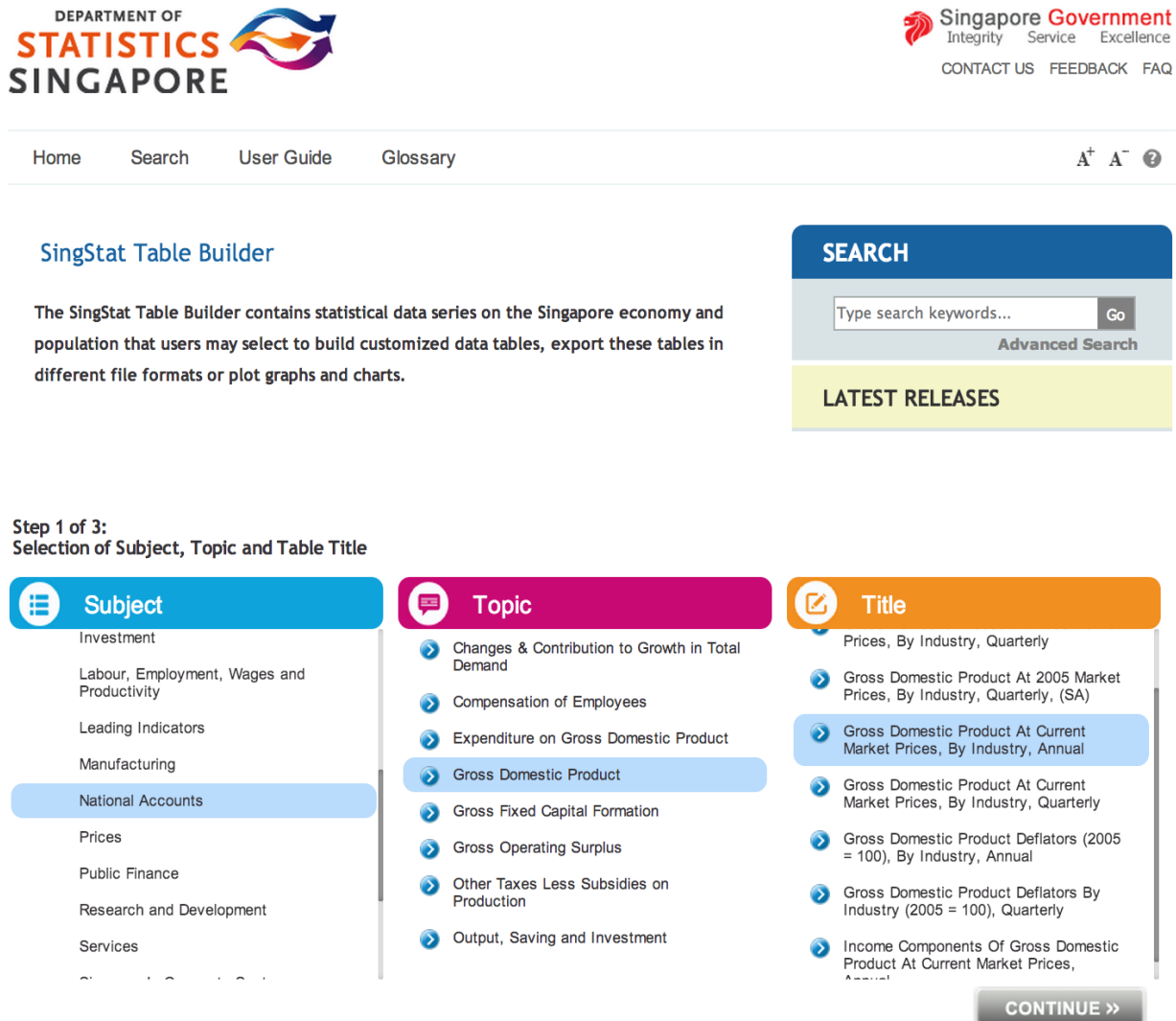
The SingStat Table Builder is a web-based application developed by the Singapore Department of Statistics to meet the needs of data users using statistics on Singapore's economy and population.

It contains 35 subjects that are broadly categorised under Population and Economy, covering more than 100 topics and 350 data tables.

Users may choose their required data table through the selection panel on the SingStat Table Builder homepage by clicking on the relevant Subject, Topic and Title, as shown in Figure 1.

FIGURE 1   SINGSTAT TABLE BUILDER HOMEPAGE

Once the data table is selected, users may transform the data and customise the data presentation through the various tools available in the SingStat Table Builder to help them in their analyses.

Display tools available in the Table Builder include Partial Display and Pivot, while tools for computation include basic arithmetic functions like Summation and Subtraction as well as a tool to convert data into percentages.

For instance, Figure 3 shows a new variable 'Manufacturing + Construction', created from the sum of two existing variables through engaging the 'Compute > Summation' function.

Users who wish to explore the period-on-period percentage growth of data variables may do so through the function 'Compute > Compute Percentage Change' (Figure 4).

FIGURE 2   SELECTED TABLE ON GROSS DOMESTIC PRODUCT AT CURRENT MARKET PRICES, BY INDUSTRY, ANNUAL

DEPARTMENT OF STATISTICS SINGAPORE

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Step 3 of 3:
Table Customisation and Chart Plotting

⬆ Export   ☰ Display   🖩 Compute   Chart   ↻ Reset

Subject : National Accounts
Topic   : Gross Domestic Product
Title   : M013461 - Gross Domestic Product At Current Market Prices, By Industry, Annual

Million Dollars

Variables	2007	2008	2009	2010	2011	2012	2013
Gross Domestic Product At Current Market Prices	268,654.6	269,273.5	276,596.9	318,096	342,512.6	355,281.2	370,064.5
Goods Producing Industries	73,003.9	67,819	71,655.6	81,939.1	83,686.2	87,326.5	85,336.6
Manufacturing	61,102	52,477	53,994.2	64,457.2	65,431.2	67,759.9	64,623.6
Construction	7,872.7	11,257	13,581.5	12,583.2	13,126.5	14,191.4	15,245.2
Utilities	3,918.5	3,977.2	3,970.6	4,780.3	5,006.7	5,256.2	5,348.5
Other Goods Industries	110.7	107.8	109.3	118.4	121.8	119	119.3
Services Producing Industries	172,003.9	176,843.1	180,382	206,611.6	224,679.2	231,078.7	245,526.4
Wholesale & Retail Trade	48,844.4	45,128.3	50,103	57,227.9	65,329.3	61,840.3	63,437.1
Transportation & Storage	24,754.2	25,517	21,567.7	25,515.3	22,396.3	23,713.1	24,321.3
Accommodation & Food Services	5,317	5,912.2	5,464.7	6,617.5	7,758.4	8,219	8,594.5
Information & Communications	8,989.1	9,608.6	10,469.7	11,223.5	12,237.4	13,283.2	13,823.1
Finance & Insurance	30,379.2	30,673.1	31,361.3	33,477.5	36,100.1	37,984.3	42,347.5
Business Services	30,235.3	35,157.3	35,715	41,333.7	46,001.5	50,027.7	54,349.9
Other Services Industries	23,484.7	24,846.6	25,700.6	31,216.2	34,856.2	36,011.1	38,653
Ownership Of Dwellings	8,127	10,379.4	10,617.7	11,612.2	14,260.8	15,830.5	17,142.8
Gross Value Added At Basic Prices	253,134.8	255,041.5	262,655.3	300,162.9	322,626.2	334,235.7	348,005.8
Add: Taxes On Products	15,519.8	14,232	13,941.6	17,933.1	19,886.4	21,045.5	22,058.7

Decimal places: [Select ⬍]

FIGURE 3   CREATING A NEW VARIABLE USING THE SUMMATION FUNCTION

Step 3 of 3:
Table Customisation and Chart Plotting

Export	Display	Compute	Chart	Reset

Subject : National Accounts
Topic : Gross Domestic Product
Title : M013461 - Gross Domestic Product At Current Market Prices, By Industry, Annual

Million Dollars

Variables	2007	2008	2009	2010	2011	2012	2013
Gross Domestic Product At Current Market Prices	268,654.6	269,273.5	276,596.9	318,096	342,512.6	355,281.2	370,064.5
Goods Producing Industries	73,003.9	67,819	71,655.6	81,939.1	83,686.2	87,326.5	85,336.6
Manufacturing	61,102	52,477	53,994.2	64,457.2	65,431.2	67,759.9	64,623.6
Construction	7,872.7	11,257	13,581.5	12,583.2	13,126.5	14,191.4	15,245.2
Manufacturing + Construction	68,974.7	63,734	67,575.7	77,040.4	78,557.7	81,951.3	79,868.8

FIGURE 4   CALCULATING YEAR-ON-YEAR PERCENTAGE CHANGE USING THE
COMPUTE PERCENTAGE CHANGE FUCTION

Step 3 of 3:
Table Customisation and Chart Plotting

Export	Display	Compute	Chart	Reset

Subject : National Accounts
Topic : Gross Domestic Product
Title : M013461 - Gross Domestic Product At Current Market Prices, By Industry, Annual (Year on Year)

☐ Show Original Value

Year on Year Percentage Change

%

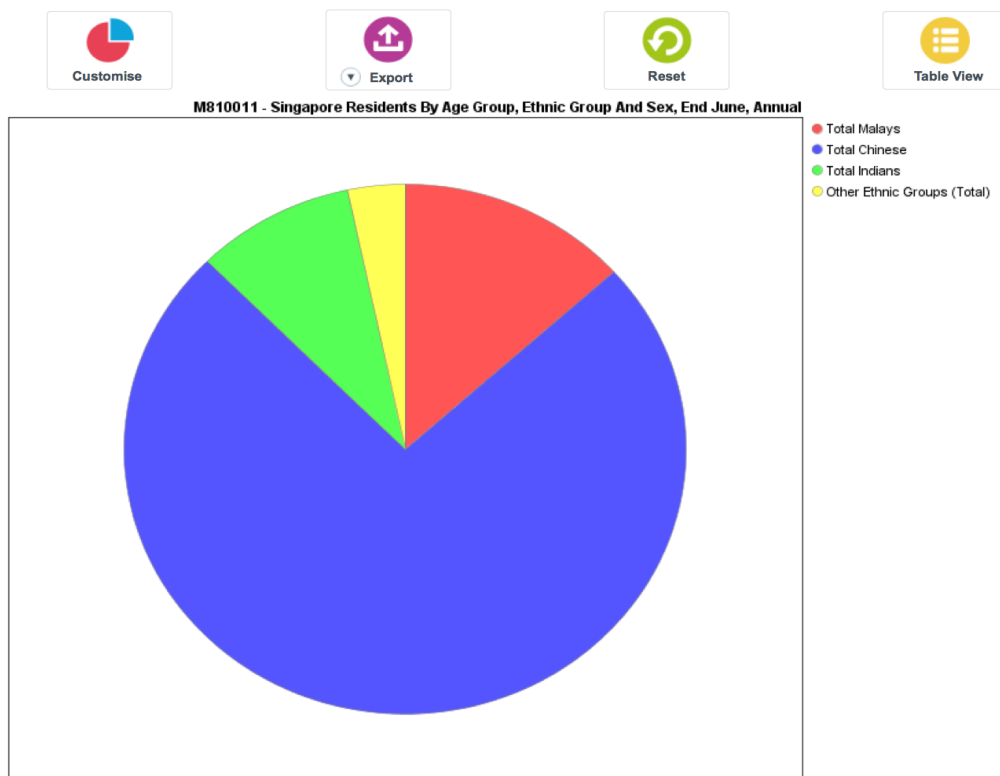| Variables	2008	2009	2010	2011	2012	2013
Gross Domestic Product At Current Market Prices	0.2	2.7	15.0	7.7	3.7	4.2
Goods Producing Industries	-7.1	5.7	14.4	2.1	4.3	-2.3
Manufacturing	-14.1	2.9	19.4	1.5	3.6	-4.6
Construction	43.0	20.6	-7.4	4.3	8.1	7.4
Utilities	1.5	-0.2	20.4	4.7	5.0	1.8
Other Goods Industries	-2.6	1.4	8.3	2.9	-2.3	0.3
Services Producing Industries	2.8	2.0	14.5	8.7	2.8	6.3
Wholesale & Retail Trade	-7.6	11.0	14.2	14.2	-5.3	2.6
Transportation & Storage	3.1	-15.5	18.3	-12.2	5.9	2.6
Accommodation & Food Services	11.2	-7.6	21.1	17.2	5.9	4.6
Information & Communications	6.9	9.0	7.2	9.0	8.5	4.1
Finance & Insurance	1.0	2.2	6.7	7.8	5.2	11.5
Business Services	16.3	1.6	15.7	11.3	8.8	8.6
Other Services Industries	5.8	3.4	21.5	11.7	3.3	7.3
Ownership Of Dwellings	27.7	2.3	9.4	22.8	11.0	8.3
Gross Value Added At Basic Prices	0.8	3.0	14.3	7.5	3.6	4.1
Add: Taxes On Products	-8.3	-2.0	28.6	10.9	5.8	4.8

Besides arithmetic functions, the SingStat Table Builder also offers a Chart tool, which allows users to translate selected data into various graphs and charts for data visualisation.

Users may choose from the list of charts available, including bar charts, pie chart and line graph. Figure 5 shows an example of a pie chart of the data on Singapore Residents by Ethnic Group, End June, 2013.

FIGURE 5   PIE CHART ON SINGAPORE RESIDENTS BY ETHNIC GROUP, END JUNE, 2013

Lastly, when the customisation of the data table or chart is complete, users may save the results through the Export function for offline usage.

Discover data patterns and trends through the free-play of the SingStat Table Builder.

Visit www.singstat.gov.sg/tablebuilder today!