

**PEMBUATAN**



**MANUFACTURING**

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### **Nota Keterangan**

1. Data sektor pembuatan diperoleh daripada survei dan banci bagi industri pembuatan. Banci pertama telah dilaksanakan bagi tahun rujukan 1959 manakala survei pertama dijalankan bagi tahun rujukan 1960. Banci seterusnya dijalankan pada tahun 1963, 1968, 1973, 1981, 1993, 2000, 2005, 2010 dan 2015.
2. Bagi tempoh antara banci, survei telah dilaksanakan secara tahunan kecuali bagi tahun rujukan 1980, 1998, 2011 dan 2013. Kaedah pensampelan digunakan dalam survei pembuatan mulai tahun 1995. Kaedah pensampelan berstrata satu peringkat menggunakan salah satu pemboleh ubah iaitu sama ada bilangan pekerja, nilai jualan atau output mengikut kesesuaian untuk menentukan bilangan liputan pada tahun survei dijalankan. Unit pensampelan adalah pertubuhan dengan liputan industri di peringkat MSIC 5 digit.
3. Data bagi tahun 1959 hingga 1979 adalah merujuk kepada Semenanjung Malaysia manakala data bagi tahun-tahun lain merujuk kepada Malaysia.
4. Data bagi nilai output kasar untuk tahun 1959 hingga 1978 merujuk kepada nilai jualan kasar manakala data bagi kos input merujuk kepada nilai bagi bahan-bahan yang dibeli. Bagi tahun 2005, input perantaraan termasuk bayaran terhadap perkhidmatan bukan perindustrian.
5. Data pekerja bagi tahun 1959 hingga 1969 merujuk kepada pekerja bergaji manakala data bagi tahun 1970 hingga 2015 merujuk kepada jumlah pekerja.

## **MANUFACTURING**

### **Explanatory Notes**

1. *Data on the manufacturing sector were collected from surveys and censuses of manufacturing industries. The first census was conducted for reference year 1959, while the first survey was for reference year 1960. Subsequent censuses were carried out in 1963, 1968, 1973, 1981, 1993, 2000, 2005, 2010 and 2015.*
2. *During the intercensal years, surveys were canvassed annually except for the reference year 1980, 1998, 2011 and 2013. The sampling method has been used in the manufacturing survey since 1995. Single-stage stratified method uses one of the variables i.e. number of employees, sales value or gross output accordingly to determine the number of coverage in the survey year. The sampling unit is the establishment with industry coverage at 5 digit level of MSIC.*
3. *Data for years 1959 to 1979 refer to Peninsular Malaysia while data for the other years refer to Malaysia.*
4. *Data on value of gross output for years 1959 to 1978 refer to gross value of sales, while data on cost of input refer to the value of materials purchased. For year 2005, value of intermediate input includes payments for non-industrial services.*
5. *Employment data for year 1959 to 1969 refer to paid employees while data for years 1970 to 2015 refer to total employment.*

6. Mulai tahun rujukan 2009, survei/ banci telah menggunakan Piawaian Klasifikasi Industri Malaysia 2008 (MSIC 2008 Ver. 1.0) bagi menggantikan Piawaian Klasifikasi Industri Malaysia 2000 (MSIC 2000).

7. Survei Pembuatan dilaksanakan secara dwitahunan selepas pelaksanaan Banci Ekonomi 2010. Survei terkini dijalankan adalah bagi tahun rujukan 2012 dan 2014.

6. *Starting reference year 2009, survey/ census have used Malaysia Standard Industrial Classification 2008 (MSIC 2008 Ver. 1.0) to replace the Malaysia Standard Industrial Classification 2000 (MSIC 2000).*

7. *Survey of Manufacturing was carried out biennially after the 2010 Economic Census. The latest surveys were conducted for reference year 2012 and 2014.*

JADUAL 16.1 : PERANGKAAAN UTAMA INDUSTRI PEMBUATAN, 1959 – 2019, MALAYSIA

Table 16.1 : Principal Statistics of Manufacturing Industries, 1959 – 2019, Malaysia

Tahun Year	Nilai Output Kasar <i>Value of Gross Output</i>	Nilai Input Perantaraan <i>Value of Intermediate Input</i>	Nilai Ditambah <i>Value Added</i>	Jumlah Pekerja Pada Bulan Disember Atau Pada Tempoh Gaji Akhir <i>Total Number of Persons Engaged During December or The Last Pay Period</i>	Gaji & Upah yang Dibayar <i>Salaries &amp; Wages Paid</i>	Nilai Harta Tetap Yang Dimiliki Pada Akhir Tahun <i>Value of Fixed Assets Owned As At The End of The Year</i>
	RM (Juta/ Million)	RM (Juta/ Million)	RM (Juta/ Million)		RM (Juta/ Million)	RM (Juta/ Million)
1959 <sup>a</sup>	1,218	1,013	234	60,570	91	..
1960	1,210	1,008	211	45,141	77	..
1961	1,055	863	221	47,525	83	..
1962	1,183	945	262	54,420	95	..
1963 <sup>a</sup>	1,689	1,302	420	87,450	154	..
1964	1,700	1,334	402	67,562	132	..
1965	1,955	1,483	501	89,886	183	..
1966	2,176	1,643	576	79,668	167	..
1967	2,302	1,691	709	92,289	201	..
1968 <sup>a</sup>	3,079	2,294	953	130,257	267	..
1969	3,280	2,359	1,081	121,652	261	..
1970	3,937	2,755	1,277	157,692	324	..
1971	4,164	2,898	1,358	173,749	363	..
1972	5,120	3,595	1,621	206,145	474	1,659
1973 <sup>a</sup>	7,678	5,351	2,476	297,934	587	2,295
1974	10,113	7,354	2,923	281,241	725	3,026
1975	10,733	7,708	3,181	289,154	810	3,576
1976	13,625	9,944	3,873	326,980	1,011	4,382
1977	15,725	11,289	4,635	349,444	1,178	4,782
1978	18,548	13,246	5,550	377,718	1,359	5,195
1979	24,671	17,928	7,051	418,010	1,685	5,974
1980	..	..	..	..	..	..
1981 <sup>a</sup>	36,454	27,054	9,490	578,682	2,817	10,437
1982	37,627	28,244	9,383	520,914	3,009	11,634
1983	41,474	30,887	10,587	493,158	3,177	15,792
1984	46,256	33,954	12,301	498,952	3,509	18,199
1985	45,586	33,470	12,115	476,260	3,622	21,386
1986	42,427	30,272	12,155	478,920	3,632	21,383

**JADUAL 16.1 : PERANGKAAN UTAMA INDUSTRI PEMBUATAN, 1959 – 2019, MALAYSIA (samb.)**

Table 16.1 : Principal Statistics of Manufacturing Industries, 1959 – 2019, Malaysia (cont'd.)

Tahun Year	Nilai Output Kasar <i>Value of Gross Output</i>	Nilai Input Perantaraan <i>Value of Intermediate Input</i>	Nilai Ditambah <i>Value Added</i>	Jumlah Pekerja Pada Bulan Disember Atau Pada Tempoh Gaji Akhir <i>Total Number of Persons Engaged During December or The Last Pay Period</i>	Gaji & Upah yang Dibayar <i>Salaries &amp; Wages Paid</i>	Nilai Harta Tetap Yang Dimiliki Pada Akhir Tahun <i>Value of Fixed Assets Owned As At The End of The Year</i>
	RM (Juta/ Million)	RM (Juta/ Million)	RM (Juta/ Million)		RM (Juta/ Million)	RM (Juta/ Million)
1987	50,700	37,383	13,317	517,773	3,872	23,032
1988	65,196	48,938	16,259	598,578	4,426	24,752
1989	80,802	60,211	20,591	698,060	5,258	27,216
1990	95,814	71,284	24,530	844,733	6,674	35,463
1991	120,298	89,158	31,140	976,937	8,411	45,944
1992	134,150	99,050	35,099	1,034,084	9,830	56,404
1993 <sup>a</sup>	164,974	120,767	44,207	1,266,727	12,397	69,445
1993	156,712	114,787	41,925	1,150,957	11,688	67,449
1994	196,912	147,380	49,532	1,225,396	13,603	80,777
1995	246,923	187,294	59,629	1,389,418	16,466	98,749
1996	273,439	201,901	71,538	1,448,771	19,171	112,831
1997	297,130	217,957	79,173	1,411,447	20,500	127,855
1998	..	..	..	..	..	..
1999	361,389	273,599	87,790	1,358,176	21,443	143,879
2000 <sup>a</sup>	438,485	350,244	88,241	1,574,797	26,123	164,077
2001	393,720	316,102	77,618	1,392,172	24,571	160,095
2002	455,240	364,762	90,478	1,489,056	27,214	176,999
2003	513,624	413,556	100,068	1,502,928	28,137	183,597
2004	597,009	483,983	113,026	1,542,542	30,259	184,838
2005 <sup>a</sup>	655,520	537,310	118,210	1,675,163	32,767	190,914
2006	710,238	580,370	129,868	1,721,433	34,910	193,383
2007	742,922	600,793	142,129	1,800,353	38,379	182,632
2008	817,710	660,539	157,170	1,771,331	40,298	201,509
2009	730,043	591,562	138,481	1,693,154	39,397	195,870
2010 <sup>a</sup>	836,494	665,821	170,673	1,812,360	43,745	210,406
2011	..	..	..	..	..	..
2012	908,067	703,834	204,233	1,998,075	50,320	204,924
2014	1,011,278	784,633	222,645	2,096,197	61,038	240,029
2015 <sup>a</sup>	1,141,963	884,845	257,118	2,119,158	65,495	296,801
2016	..	..	..	..	..	..
2017	1,275,758	981,714	294,044	2,214,883	74,881	335,704
2018	..	..	..	..	..	..
2019	..	..	..	..	..	..

B = Banci / Census

.. = Tiada banci/survey yang dijalankan