

**Jadual 6: Tenaga buruh mengikut pencapaian pendidikan, Malaysia, 1982–2021**

Table 6: Labour force by educational attainment, Malaysia, 1982–2021

Tahun Year	('000)				
	Jumlah <sup>1</sup> Total	Tiada pendidikan rasmi No formal education	Rendah Primary	Menengah Secondary	Tertiali Tertiary
1982	<b>5,431.4</b>	838.5	2,277.1	1,983.4	331.8
1983	<b>5,671.8</b>	830.4	2,327.2	2,171.0	343.1
1984	<b>5,862.5</b>	848.9	2,282.5	2,352.2	378.8
1985	<b>5,990.1</b>	815.2	2,323.1	2,437.1	414.1
1986	<b>6,222.1</b>	780.3	2,348.9	2,626.2	466.5
1987	<b>6,456.8</b>	776.6	2,338.1	2,841.4	500.6
1988	<b>6,637.0</b>	740.4	2,392.4	2,974.8	526.3
1989	<b>6,779.4</b>	730.1	2,336.0	3,153.8	559.3
1990	<b>7,000.2</b>	671.8	2,365.5	3,347.2	615.7
1992	<b>7,319.0</b>	659.8	2,215.7	3,707.5	736.0
1993	<b>7,700.1</b>	626.5	2,342.6	3,954.6	776.4
1995	<b>7,893.1</b>	676.8	2,179.9	4,161.8	874.2
1996	<b>8,616.0</b>	673.8	2,432.5	4,484.6	1,025.1
1997	<b>8,784.0</b>	632.5	2,428.7	4,601.0	1,121.9
1998	<b>8,883.6</b>	612.9	2,404.4	4,698.2	1,167.3
1999	<b>9,151.5</b>	592.5	2,380.6	4,969.9	1,208.4
2000	<b>9,556.1</b>	531.8	2,380.7	5,261.0	1,382.5
2001	<b>9,699.4</b>	494.1	2,337.1	5,371.3	1,492.2
2002	<b>9,886.2</b>	523.2	2,326.0	5,383.9	1,651.5
2003	<b>10,239.6</b>	488.2	2,290.4	5,665.0	1,794.5
2004	<b>10,346.2</b>	483.2	2,248.6	5,699.4	1,908.7
2005	<b>10,413.4</b>	476.3	2,144.8	5,795.2	1,995.0
2006	<b>10,628.9</b>	403.7	2,172.7	5,989.4	2,061.9
2007	<b>10,889.5</b>	432.6	2,104.0	6,133.9	2,210.0
2008	<b>11,028.1</b>	489.0	2,016.7	6,186.4	2,336.0
2009	<b>11,315.3</b>	438.9	1,970.5	6,262.0	2,643.8
2010	<b>12,303.9</b>	452.7	2,168.2	6,792.0	2,891.0
2011	<b>12,740.7</b>	418.7	2,168.9	7,050.9	3,102.1
2012	<b>13,221.7</b>	415.9	2,244.9	7,367.0	3,193.9
2013	<b>13,980.5</b>	436.0	2,388.5	7,779.5	3,376.5
2014	<b>14,263.6</b>	396.0	2,264.6	7,882.8	3,720.3
2015	<b>14,518.0</b>	446.3	2,229.6	7,836.6	4,005.4
2016	<b>14,667.8</b>	387.3	2,117.2	8,098.1	4,065.1
2017	<b>14,980.1</b>	390.8	1,992.0	8,359.7	4,237.6
2018	<b>15,280.3</b>	418.0	1,960.4	8,494.1	4,407.8
2019	<b>15,581.6</b>	454.3	1,852.9	8,658.0	4,616.4
2020	<b>15,667.7</b>	382.1	1,568.3	8,703.0	5,014.4
2021	<b>15,797.2</b>	550.9	1,352.8	8,870.1	5,023.4

Nota/Note:

**1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"**

Total includes "unknown" educational attainment

**Jadual 6: Tenaga buruh mengikut pencapaian pendidikan, Johor, 1982-2021**

Table 6: Labour force by educational attainment, Johor, 1982-2021

Tahun Year	('000)				
	Jumlah <sup>1</sup> Total	Tiada pendidikan rasmi No formal education	Rendah Primary	Menengah Secondary	Tertiari Tertiary
1982	653.1	71.8	317.1	230.5	33.6
1983	650.9	75.7	315.7	231.0	28.6
1984	688.2	66.4	313.2	269.4	39.3
1985	710.4	61.8	324.2	279.2	45.1
1986	751.2	61.8	324.2	319.2	46.0
1987	781.8	67.6	316.4	344.4	53.5
1988	837.0	64.4	345.4	370.3	56.5
1989	861.8	60.6	342.7	399.0	59.4
1990	949.1	56.3	372.2	450.2	70.4
1992	947.1	54.9	325.8	488.9	77.4
1993	1,003.0	44.0	363.6	510.7	84.7
1995	915.4	49.0	261.5	523.1	81.9
1996	1,018.4	38.6	310.4	572.9	96.4
1997	1,076.9	42.2	324.6	607.2	103.0
1998	1,044.3	31.7	297.2	617.6	97.9
1999	1,060.4	48.3	285.1	635.0	92.0
2000	1,222.4	36.2	317.3	749.2	119.7
2001	1,279.0	42.8	312.9	788.3	133.1
2002	1,259.0	41.1	303.9	768.3	145.3
2003	1,315.3	41.1	316.9	792.8	164.3
2004	1,278.8	37.1	294.4	777.5	169.8
2005	1,280.0	34.2	272.4	783.9	189.5
2006	1,285.8	28.4	271.6	786.9	198.8
2007	1,313.6	29.6	240.1	838.4	205.5
2008	1,313.1	36.4	245.0	799.0	232.6
2009	1,350.0	32.3	222.4	837.4	257.9
2010	1,453.5	20.2	248.3	934.1	250.9
2011	1,499.9	17.0	238.5	965.6	278.8
2012	1,529.4	19.2	219.1	1,005.2	285.9
2013	1,598.9	19.6	232.0	1,041.0	306.3
2014	1,621.1	15.9	231.3	1,031.3	342.7
2015	1,633.2	25.5	220.2	1,026.1	361.4
2016	1,639.1	20.6	213.5	1,048.5	356.5
2017	1,673.8	16.4	216.6	1,041.6	399.2
2018	1,745.1	20.1	214.4	1,067.1	443.4
2019	1,805.7	25.3	220.6	1,124.2	435.6
2020	1,840.6	21.1	135.7	1,230.2	453.6
2021	1,835.0	36.4	124.3	1,153.3	521.0

Nota/Note:

**1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"**

Total includes "unknown" educational attainment

**Jadual 6: Tenaga buruh mengikut pencapaian pendidikan, Kedah, 1982-2021**

Table 6: Labour force by educational attainment, Kedah, 1982-2021

Tahun Year	('000)				
	Jumlah <sup>1</sup> Total	Tiada pendidikan rasmi No formal education	Rendah Primary	Menengah Secondary	Tertiari Tertiary
1982	403.9	78.0	197.5	110.5	17.7
1983	388.2	76.2	177.7	112.2	22.1
1984	442.6	75.8	200.9	140.4	25.5
1985	445.4	68.9	204.2	145.0	27.3
1986	455.0	67.5	194.6	163.5	29.4
1987	456.5	64.3	185.9	175.8	30.5
1988	496.1	67.1	200.6	195.0	31.2
1989	470.0	60.7	184.8	193.5	31.1
1990	489.3	50.0	186.7	213.7	38.8
1992	514.0	50.6	190.8	233.4	39.2
1993	492.8	43.7	187.5	218.3	43.4
1995	531.7	50.0	182.7	255.1	44.0
1996	549.8	49.7	194.0	264.9	41.1
1997	616.6	54.9	207.1	300.6	54.0
1998	587.1	39.3	179.7	305.0	62.9
1999	701.4	60.8	214.4	354.3	71.9
2000	645.2	34.9	173.5	353.9	82.8
2001	727.4	31.0	201.7	411.7	82.6
2002	666.5	32.3	181.3	372.6	80.3
2003	680.1	30.6	157.9	389.6	102.0
2004	680.3	23.8	163.7	395.9	96.9
2005	677.8	24.8	152.5	392.6	108.0
2006	682.4	20.7	145.4	406.8	109.3
2007	693.1	23.9	138.9	413.7	116.6
2008	703.0	24.6	136.6	402.2	139.6
2009	732.6	19.8	129.3	425.7	157.7
2010	746.9	15.7	133.9	445.8	151.5
2011	770.0	15.1	136.6	454.5	163.8
2012	810.3	21.9	151.7	487.3	149.4
2013	862.8	21.8	159.0	512.0	169.9
2014	884.1	19.2	133.0	525.3	206.7
2015	905.3	27.4	126.4	540.3	211.2
2016	910.9	22.9	126.7	547.5	213.9
2017	932.7	14.5	113.6	585.0	219.7
2018	936.7	16.0	107.1	569.3	244.2
2019	950.0	15.7	97.6	594.3	242.3
2020	954.5	19.3	83.9	583.5	267.8
2021	972.6	28.7	72.0	574.9	297.0

Nota/Note:

**1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"**

Total includes "unknown" educational attainment

**Jadual 6: Tenaga buruh mengikut pencapaian pendidikan, Kelantan, 1982-2021**

Table 6: Labour force by educational attainment, Kelantan, 1982-2021

Tahun Year	('000)				
	Jumlah <sup>1</sup> Total	Tiada pendidikan rasmi No formal education	Rendah Primary	Menengah Secondary	Tertiari Tertiary
1982	319.4	100.5	119.2	81.3	18.5
1983	301.3	84.4	107.4	85.0	24.5
1984	341.0	102.5	112.9	100.1	25.5
1985	344.3	100.1	116.6	101.3	26.3
1986	365.1	84.1	131.4	119.0	30.7
1987	375.0	89.6	121.4	129.6	34.4
1988	393.9	89.2	127.4	142.2	35.0
1989	388.3	83.4	119.9	149.0	36.0
1990	390.7	75.6	123.9	151.0	40.2
1992	404.1	73.5	115.6	166.7	48.2
1993	413.7	70.9	120.1	173.9	48.8
1995	427.6	63.1	126.3	187.3	50.9
1996	460.8	76.9	127.1	200.1	56.6
1997	429.3	66.3	116.3	192.7	54.1
1998	449.1	63.4	125.1	206.2	54.4
1999	451.1	59.2	124.5	209.5	57.9
2000	437.2	50.0	116.9	214.0	56.3
2001	448.0	46.8	112.8	223.2	65.2
2002	439.7	46.5	105.1	222.7	65.5
2003	491.6	39.2	114.8	255.2	82.2
2004	455.1	32.3	101.6	240.6	80.6
2005	454.2	36.3	96.2	243.8	77.9
2006	469.8	29.8	98.3	256.4	85.4
2007	486.2	31.9	100.7	261.8	91.8
2008	500.9	32.9	86.2	267.3	114.5
2009	517.8	31.4	83.3	288.4	114.7
2010	547.2	32.1	98.3	297.4	119.5
2011	555.4	29.5	89.0	305.0	131.9
2012	592.3	32.3	102.7	323.5	133.8
2013	619.8	31.5	83.8	367.4	137.1
2014	646.2	27.3	83.8	375.1	159.9
2015	676.2	33.1	74.7	386.8	181.5
2016	657.8	34.3	63.0	380.2	180.3
2017	701.0	29.3	71.1	413.6	187.0
2018	712.0	29.0	58.4	418.3	206.2
2019	710.5	26.2	53.2	423.6	207.5
2020	711.2	25.8	50.5	418.4	216.4
2021	719.8	20.1	50.2	432.5	217.0

Nota/Note:

**1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"**

Total includes "unknown" educational attainment

**Jadual 6: Tenaga buruh mengikut pencapaian pendidikan, Melaka, 1982-2021**

Table 6: Labour force by educational attainment, Melaka, 1982-2021

Tahun Year	('000)				
	Jumlah <sup>1</sup> Total	Tiada pendidikan rasmi No formal education	Rendah Primary	Menengah Secondary	Tertiari Tertiary
1982	<b>174.1</b>	17.5	72.3	73.3	10.8
1983	<b>170.3</b>	12.3	77.6	69.7	10.8
1984	<b>171.8</b>	17.4	71.8	72.2	10.3
1985	<b>180.0</b>	16.7	72.0	79.7	11.6
1986	<b>187.7</b>	14.2	73.9	84.6	14.9
1987	<b>192.1</b>	14.0	77.4	84.9	15.8
1988	<b>190.9</b>	13.6	71.4	89.3	16.6
1989	<b>197.8</b>	10.6	71.2	98.7	17.2
1990	<b>187.8</b>	9.1	65.4	93.2	20.2
1992	<b>214.4</b>	10.4	70.2	115.5	18.3
1993	<b>225.6</b>	11.4	70.8	130.6	12.8
1995	<b>227.9</b>	10.2	60.6	135.0	22.1
1996	<b>240.6</b>	8.3	65.1	144.4	23.0
1997	<b>261.5</b>	11.2	66.5	151.3	32.5
1998	<b>248.6</b>	6.4	65.0	145.1	32.2
1999	<b>247.9</b>	6.2	58.5	151.1	32.1
2000	<b>256.9</b>	7.1	50.2	169.6	30.0
2001	<b>272.6</b>	5.0	48.9	182.7	36.1
2002	<b>236.2</b>	5.7	43.3	147.8	39.4
2003	<b>280.6</b>	6.6	49.2	182.3	42.3
2004	<b>269.5</b>	6.1	45.5	171.6	46.2
2005	<b>274.5</b>	7.4	44.5	174.1	48.4
2006	<b>276.7</b>	3.9	45.3	171.4	56.1
2007	<b>290.4</b>	5.9	44.2	175.1	65.1
2008	<b>290.0</b>	4.4	41.9	175.0	68.7
2009	<b>290.9</b>	6.5	37.7	176.1	70.6
2010	<b>338.6</b>	4.9	47.3	207.5	78.9
2011	<b>343.3</b>	4.2	43.0	211.8	84.2
2012	<b>358.8</b>	4.3	48.1	217.4	89.0
2013	<b>378.3</b>	3.8	48.8	234.7	91.0
2014	<b>398.3</b>	2.5	44.1	244.9	106.9
2015	<b>402.4</b>	4.7	37.2	242.7	117.8
2016	<b>400.8</b>	3.6	35.0	245.2	117.0
2017	<b>410.3</b>	4.1	30.3	239.5	136.3
2018	<b>421.2</b>	3.3	28.8	244.2	144.8
2019	<b>432.9</b>	2.8	30.4	247.2	152.6
2020	<b>426.8</b>	2.5	25.2	230.7	168.3
2021	<b>444.1</b>	4.4	17.1	248.2	174.4

Nota/Note:

**1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"**

Total includes "unknown" educational attainment

**Jadual 6: Tenaga buruh mengikut pencapaian pendidikan, Negeri Sembilan, 1982-2021**

Table 6: Labour force by educational attainment, Negeri Sembilan, 1982-2021

Tahun Year	('000)				
	Jumlah <sup>1</sup> Total	Tiada pendidikan rasmi No formal education	Rendah Primary	Menengah Secondary	Tertiari Tertiary
1982	<b>222.8</b>	20.7	109.6	79.0	13.6
1983	<b>223.5</b>	15.6	99.4	94.4	14.0
1984	<b>234.9</b>	18.6	106.3	94.2	15.7
1985	<b>221.1</b>	15.3	104.1	89.0	12.8
1986	<b>229.5</b>	16.1	103.6	93.7	16.1
1987	<b>240.0</b>	18.1	100.1	105.5	16.4
1988	<b>242.5</b>	13.4	99.3	113.7	16.1
1989	<b>241.0</b>	13.4	94.6	118.9	14.2
1990	<b>224.5</b>	12.8	92.4	101.8	17.4
1992	<b>259.8</b>	11.3	96.5	130.1	21.9
1993	<b>292.6</b>	14.0	94.0	150.2	34.5
1995	<b>305.6</b>	16.9	101.2	158.6	29.0
1996	<b>327.5</b>	12.4	103.5	180.6	31.0
1997	<b>315.7</b>	12.2	92.9	177.0	33.7
1998	<b>315.7</b>	13.5	87.8	176.4	38.0
1999	<b>285.8</b>	7.3	77.6	167.5	33.4
2000	<b>359.6</b>	11.0	88.2	212.0	48.3
2001	<b>362.8</b>	9.0	98.7	201.8	53.3
2002	<b>337.2</b>	10.8	85.5	192.1	48.7
2003	<b>352.3</b>	8.7	86.9	200.9	55.8
2004	<b>373.6</b>	8.1	83.5	217.5	64.5
2005	<b>386.7</b>	7.4	77.8	232.9	68.6
2006	<b>394.5</b>	7.8	80.1	232.8	73.9
2007	<b>395.8</b>	7.8	74.2	233.5	80.3
2008	<b>399.3</b>	9.1	72.5	237.2	80.4
2009	<b>402.2</b>	6.9	76.1	229.8	89.5
2010	<b>418.3</b>	7.4	76.6	238.4	95.9
2011	<b>429.1</b>	8.3	70.5	252.8	97.5
2012	<b>455.7</b>	8.9	79.9	269.4	97.5
2013	<b>478.9</b>	9.4	87.6	269.7	112.2
2014	<b>480.9</b>	6.7	82.2	269.0	123.0
2015	<b>483.6</b>	6.4	78.2	278.0	121.0
2016	<b>479.7</b>	4.1	77.9	267.3	130.4
2017	<b>491.2</b>	3.2	55.2	289.0	143.9
2018	<b>503.6</b>	5.1	57.9	290.5	150.1
2019	<b>497.8</b>	4.1	38.9	300.4	154.4
2020	<b>492.8</b>	4.4	38.8	282.6	167.0
2021	<b>487.8</b>	9.7	28.4	285.2	164.4

Nota/Note:

**1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"**

Total includes "unknown" educational attainment

**Jadual 6: Tenaga buruh mengikut pencapaian pendidikan, Pahang, 1982-2021**

Table 6: Labour force by educational attainment, Pahang, 1982-2021

Tahun Year	('000)				
	Jumlah <sup>1</sup> Total	Tiada pendidikan rasmi No formal education	Rendah Primary	Menengah Secondary	Tertiari Tertiary
1982	<b>279.6</b>	30.9	138.2	94.3	16.1
1983	<b>342.6</b>	34.9	170.3	120.2	17.2
1984	<b>321.7</b>	36.2	145.3	124.1	16.1
1985	<b>342.7</b>	36.4	156.3	131.7	17.9
1986	<b>331.6</b>	32.8	153.0	124.8	21.0
1987	<b>354.1</b>	32.1	155.2	141.7	25.0
1988	<b>374.8</b>	32.6	166.9	154.9	20.4
1989	<b>393.8</b>	32.7	160.4	174.1	26.7
1990	<b>442.5</b>	27.9	182.5	193.3	38.8
1992	<b>428.9</b>	33.1	159.0	203.4	33.3
1993	<b>393.2</b>	30.6	141.5	187.0	34.1
1995	<b>385.1</b>	36.5	134.8	183.4	30.4
1996	<b>417.0</b>	33.5	138.1	205.5	39.8
1997	<b>407.6</b>	27.5	143.3	195.8	41.1
1998	<b>374.8</b>	22.6	124.6	193.2	34.5
1999	<b>396.2</b>	17.6	135.6	207.8	35.1
2000	<b>459.1</b>	23.2	161.6	220.4	53.9
2001	<b>451.6</b>	24.0	144.2	234.2	49.3
2002	<b>419.0</b>	21.5	125.8	223.2	48.5
2003	<b>477.1</b>	22.1	138.5	256.8	59.7
2004	<b>544.0</b>	29.3	146.4	303.7	64.6
2005	<b>542.7</b>	28.1	132.0	314.9	67.7
2006	<b>571.3</b>	22.6	143.5	333.4	71.8
2007	<b>580.2</b>	26.9	139.8	326.7	86.8
2008	<b>605.7</b>	25.7	136.2	346.8	97.0
2009	<b>622.3</b>	24.1	139.0	347.4	111.7
2010	<b>608.4</b>	17.6	124.5	353.2	113.1
2011	<b>624.6</b>	14.9	117.1	372.1	120.4
2012	<b>650.9</b>	15.2	125.8	379.8	130.2
2013	<b>678.9</b>	19.1	141.0	381.2	137.5
2014	<b>702.1</b>	14.5	138.5	397.2	151.9
2015	<b>718.2</b>	19.6	130.5	406.0	162.0
2016	<b>710.5</b>	18.1	112.0	407.8	172.6
2017	<b>710.9</b>	14.7	106.9	426.2	163.0
2018	<b>735.6</b>	13.4	107.1	439.1	175.9
2019	<b>741.0</b>	12.4	101.2	435.6	191.8
2020	<b>739.1</b>	13.5	90.1	429.6	206.0
2021	<b>729.4</b>	17.9	69.3	414.9	227.2

Nota/Note:

**1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"**

Total includes "unknown" educational attainment

**Jadual 6: Tenaga buruh mengikut pencapaian pendidikan, Pulau Pinang, 1982-2021**

Table 6: Labour force by educational attainment, Pulau Pinang, 1982-2021

Tahun Year	('000)				
	Jumlah <sup>1</sup> Total	Tiada pendidikan rasmi No formal education	Rendah Primary	Menengah Secondary	Tertiari Tertiary
1982	396.0	28.5	165.7	177.4	24.3
1983	421.0	27.3	168.6	197.9	27.3
1984	397.9	26.7	152.4	192.0	26.8
1985	408.5	23.1	148.3	205.9	31.3
1986	427.2	21.3	146.9	224.7	34.4
1987	432.8	24.2	143.3	235.1	30.2
1988	427.8	16.9	138.3	234.3	38.3
1989	453.9	19.2	142.7	253.2	38.7
1990	470.3	16.2	137.2	275.9	41.0
1992	521.4	16.7	119.8	330.3	54.5
1993	543.1	24.6	106.7	355.8	56.0
1995	492.7	16.0	88.3	330.0	58.1
1996	452.4	10.7	75.1	311.2	55.4
1997	558.0	15.4	111.4	356.0	75.1
1998	599.3	17.8	130.8	366.4	84.3
1999	617.5	19.4	114.5	388.5	94.9
2000	682.3	19.8	131.9	425.6	105.0
2001	733.3	15.6	146.2	442.3	129.2
2002	657.2	16.6	110.9	402.9	126.6
2003	686.3	12.6	110.6	428.3	134.9
2004	636.7	11.7	114.9	391.1	118.8
2005	634.9	11.6	101.6	378.0	142.7
2006	658.9	11.0	101.6	398.9	147.2
2007	667.6	10.8	97.5	402.1	157.1
2008	688.4	11.3	98.3	404.2	174.6
2009	707.1	11.2	94.4	415.9	185.6
2010	759.0	9.6	99.9	450.3	199.2
2011	787.5	9.7	100.3	466.6	210.8
2012	795.8	8.3	105.1	469.3	213.1
2013	826.1	9.8	111.8	491.3	213.2
2014	852.5	8.0	85.6	515.8	243.1
2015	848.1	6.4	84.6	500.1	257.1
2016	845.5	5.7	70.7	495.4	273.7
2017	841.1	7.3	77.8	484.5	271.5
2018	849.4	13.0	72.9	482.8	280.8
2019	852.3	4.9	68.8	488.0	290.6
2020	863.4	6.0	45.9	497.2	314.3
2021	889.5	20.3	46.1	523.5	299.5

Nota/Note:

**1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"**

Total includes "unknown" educational attainment



**Jadual 6: Tenaga buruh mengikut pencapaian pendidikan, Perak, 1982-2021**

Table 6: Labour force by educational attainment, Perak, 1982-2021

Tahun Year	('000)				
	Jumlah <sup>1</sup> Total	Tiada pendidikan rasmi No formal education	Rendah Primary	Menengah Secondary	Tertiari Tertiary
1982	638.6	75.3	313.6	219.6	30.1
1983	704.9	87.5	323.6	265.9	27.9
1984	697.2	83.8	317.2	261.9	34.4
1985	713.1	81.1	315.4	277.3	39.2
1986	734.2	78.7	316.4	293.9	45.1
1987	728.8	68.5	309.5	306.6	44.2
1988	715.0	62.8	296.2	309.4	46.4
1989	726.5	60.3	297.9	320.3	48.0
1990	706.8	65.0	275.3	321.6	44.9
1992	719.7	53.9	270.2	337.6	57.9
1993	699.6	41.3	273.7	332.0	52.6
1995	659.9	39.9	234.5	338.2	47.3
1996	746.9	46.6	250.8	396.0	53.5
1997	760.6	41.9	224.8	423.8	70.1
1998	712.7	45.3	224.3	383.4	59.8
1999	715.4	37.2	211.2	411.6	55.3
2000	771.3	37.1	218.8	437.7	77.6
2001	761.3	29.5	213.9	449.1	68.8
2002	820.6	33.6	219.7	481.8	85.4
2003	771.4	23.4	198.1	467.7	82.1
2004	818.3	30.4	187.9	494.6	103.2
2005	828.8	29.4	185.2	508.3	105.9
2006	845.5	25.6	196.1	518.7	105.1
2007	877.9	25.3	182.5	551.4	118.7
2008	892.6	27.7	173.4	559.9	131.6
2009	923.7	27.3	160.0	572.5	163.9
2010	906.0	22.5	159.4	562.4	161.8
2011	944.6	17.0	163.9	582.0	181.8
2012	955.4	13.9	169.6	597.6	174.4
2013	985.2	16.7	168.7	620.3	179.5
2014	987.2	11.9	138.6	631.7	205.0
2015	1,014.3	21.2	141.2	628.0	223.9
2016	1,023.1	11.4	130.4	643.7	237.5
2017	1,052.4	20.8	134.7	650.1	246.9
2018	1,069.8	8.5	123.9	674.9	262.5
2019	1,080.3	14.4	117.3	669.9	278.7
2020	1,095.8	13.4	116.0	670.3	296.1
2021	1,100.6	20.7	92.6	668.2	319.1

Nota/Note:

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"

Total includes "unknown" educational attainment

**Jadual 6: Tenaga buruh mengikut pencapaian pendidikan, Perlis, 1982-2021**

Table 6: Labour force by educational attainment, Perlis, 1982-2021

Tahun Year	('000)				
	Jumlah <sup>1</sup> Total	Tiada pendidikan rasmi No formal education	Rendah Primary	Menengah Secondary	Tertiari Tertiary
1982	<b>58.1</b>	9.6	28.0	16.8	3.6
1983	<b>66.0</b>	7.6	35.4	20.8	2.2
1984	<b>64.8</b>	6.9	29.0	25.3	3.6
1985	<b>65.5</b>	7.4	28.0	25.2	4.9
1986	<b>62.6</b>	7.9	24.9	25.7	4.2
1987	<b>64.9</b>	6.3	26.1	27.7	4.8
1988	<b>70.9</b>	7.3	27.2	32.1	4.3
1989	<b>70.9</b>	7.0	24.2	33.9	5.8
1990	<b>59.7</b>	4.6	22.7	28.0	4.3
1992	<b>68.8</b>	6.6	24.7	30.8	6.6
1993	<b>71.7</b>	8.8	21.8	35.9	5.2
1995	<b>71.8</b>	8.4	22.4	35.0	6.0
1996	<b>71.5</b>	5.1	22.8	36.1	7.6
1997	<b>71.8</b>	5.0	22.3	37.2	7.3
1998	<b>74.2</b>	5.4	21.8	39.5	7.4
1999	<b>81.2</b>	6.2	23.0	42.9	9.2
2000	<b>77.0</b>	3.6	20.1	43.2	10.1
2001	<b>85.9</b>	5.0	23.2	48.7	9.0
2002	<b>58.8</b>	3.0	15.1	31.8	8.9
2003	<b>80.1</b>	4.3	17.2	47.7	10.8
2004	<b>76.3</b>	3.4	16.4	45.6	11.0
2005	<b>76.2</b>	3.1	13.5	46.2	13.4
2006	<b>77.0</b>	3.2	15.0	46.1	12.7
2007	<b>82.5</b>	2.5	14.0	50.2	15.8
2008	<b>84.0</b>	2.7	12.2	50.5	18.5
2009	<b>84.3</b>	2.7	11.4	50.2	20.0
2010	<b>83.6</b>	3.3	11.6	49.4	19.3
2011	<b>86.8</b>	2.3	12.9	51.4	20.2
2012	<b>90.6</b>	2.2	12.5	56.4	19.5
2013	<b>97.9</b>	2.3	12.4	62.6	20.7
2014	<b>98.5</b>	1.4	11.6	60.0	25.4
2015	<b>101.1</b>	1.1	9.6	64.1	26.3
2016	<b>103.2</b>	1.7	10.1	63.9	27.4
2017	<b>101.9</b>	1.5	7.5	60.7	32.2
2018	<b>107.6</b>	1.5	9.4	66.3	30.4
2019	<b>112.2</b>	1.1	9.2	65.7	36.2
2020	<b>110.3</b>	0.8	8.2	65.2	36.1
2021	<b>113.3</b>	1.0	5.6	70.8	35.9

Nota/Note:

**1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"**

Total includes "unknown" educational attainment

**Jadual 6: Tenaga buruh mengikut pencapaian pendidikan Selangor, 1982-2021**

Table 6: Labour force by educational attainment, Selangor, 1982-2021

Tahun Year	('000)				
	Jumlah <sup>1</sup> Total	Tiada pendidikan rasmi No formal education	Rendah Primary	Menengah Secondary	Tertiari Tertiary
1982	<b>691.9</b>	46.1	258.0	313.2	74.6
1983	<b>757.2</b>	55.3	265.8	361.5	74.5
1984	<b>718.8</b>	49.5	234.6	355.0	79.6
1985	<b>740.6</b>	42.3	243.6	371.9	82.8
1986	<b>823.7</b>	45.3	266.7	411.2	100.5
1987	<b>916.6</b>	49.8	283.1	470.6	113.2
1988	<b>949.0</b>	47.6	291.7	483.9	125.7
1989	<b>936.8</b>	45.1	254.9	503.4	133.4
1990	<b>1,060.0</b>	41.8	276.8	594.9	146.5
1992	<b>1,092.8</b>	41.9	236.1	636.3	178.6
1993	<b>1,110.1</b>	36.7	253.9	649.3	170.1
1995	<b>1,366.0</b>	57.0	259.7	795.2	254.0
1996	<b>1,371.1</b>	48.1	261.6	780.5	280.9
1997	<b>1,343.0</b>	38.9	268.4	754.3	281.4
1998	<b>1,457.0</b>	36.7	283.1	818.8	317.8
1999	<b>1,455.0</b>	36.7	272.0	836.2	310.2
2000	<b>1,715.3</b>	32.5	331.2	951.5	399.9
2001	<b>1,552.5</b>	25.5	246.1	873.3	405.1
2002	<b>1,803.2</b>	43.3	283.0	981.6	494.8
2003	<b>1,895.3</b>	41.2	278.0	1,039.4	536.0
2004	<b>2,028.1</b>	46.0	290.7	1,087.8	599.9
2005	<b>2,048.8</b>	50.4	265.0	1,122.1	610.5
2006	<b>2,084.4</b>	26.9	253.2	1,179.4	624.3
2007	<b>2,128.0</b>	33.2	249.9	1,190.3	646.0
2008	<b>2,159.8</b>	53.4	257.0	1,222.0	627.4
2009	<b>2,173.3</b>	37.5	240.9	1,156.7	738.1
2010	<b>2,634.4</b>	47.7	293.6	1,379.8	913.2
2011	<b>2,710.8</b>	39.3	328.7	1,405.2	937.6
2012	<b>2,842.6</b>	30.6	321.7	1,485.2	1,005.1
2013	<b>3,006.2</b>	23.2	337.0	1,573.6	1,072.5
2014	<b>3,096.0</b>	21.7	332.2	1,619.7	1,122.4
2015	<b>3,212.9</b>	26.9	365.4	1,562.9	1,257.7
2016	<b>3,325.0</b>	28.2	289.4	1,757.2	1,250.2
2017	<b>3,457.5</b>	35.5	292.3	1,806.9	1,322.7
2018	<b>3,546.3</b>	26.0	317.5	1,915.5	1,287.3
2019	<b>3,592.9</b>	33.1	259.5	1,879.8	1,420.4
2020	<b>3,602.7</b>	20.8	187.0	1,873.0	1,521.9
2021	<b>3,676.9</b>	29.0	147.1	2,094.6	1,406.1

Nota/Note:

**1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"**

Total includes "unknown" educational attainment

**Jadual 6: Tenaga buruh mengikut pencapaian pendidikan, Terengganu, 1982-2021**

Table 6: Labour force by educational attainment, Terengganu, 1982-2021

Tahun Year	('000)				
	Jumlah <sup>1</sup> Total	Tiada pendidikan rasmi No formal education	Rendah Primary	Menengah Secondary	Tertiari Tertiary
1982	227.2	61.0	93.8	61.3	11.0
1983	243.1	50.3	106.7	69.1	17.1
1984	219.3	44.9	88.3	73.1	13.0
1985	228.9	47.8	87.9	76.7	16.5
1986	241.4	44.0	90.7	88.6	18.1
1987	236.5	42.7	84.5	90.5	18.8
1988	253.6	44.6	91.2	95.9	21.8
1989	262.1	43.2	88.5	109.4	21.0
1990	244.6	38.5	82.6	104.9	18.6
1992	267.7	33.4	85.6	119.5	29.2
1993	302.1	28.8	95.0	149.9	28.4
1995	284.9	29.6	83.9	137.2	34.2
1996	308.1	33.8	97.7	144.4	32.2
1997	292.9	28.5	79.2	152.8	32.4
1998	305.6	33.9	83.0	154.4	34.3
1999	312.3	24.4	83.4	167.3	37.2
2000	315.4	24.1	81.2	167.2	43.0
2001	307.1	18.5	77.6	169.1	41.8
2002	288.9	14.7	73.4	158.6	42.3
2003	355.1	19.3	88.1	190.4	57.3
2004	347.9	17.0	81.9	189.7	59.2
2005	353.1	15.1	80.3	192.6	65.0
2006	364.6	16.8	75.4	203.5	68.9
2007	372.7	13.5	75.1	208.2	75.9
2008	388.8	14.4	74.1	209.7	90.5
2009	405.6	13.9	70.3	224.1	97.3
2010	380.6	10.6	65.7	214.3	90.1
2011	403.2	14.6	64.2	220.6	103.8
2012	401.8	11.8	61.2	230.5	98.3
2013	421.3	11.1	73.2	238.4	98.6
2014	432.8	14.5	58.1	243.3	116.9
2015	438.0	11.8	53.5	252.3	120.4
2016	447.2	10.7	50.3	252.1	134.1
2017	458.8	11.3	42.4	262.1	143.0
2018	470.3	13.6	42.5	261.0	153.2
2019	488.2	12.8	43.1	270.1	162.2
2020	484.9	13.3	38.3	277.4	155.9
2021	488.5	14.8	24.3	300.0	149.4

Nota/Note:

**1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"**

Total includes "unknown" educational attainment

**Jadual 6: Tenaga buruh mengikut pencapaian pendidikan, Sabah, 1982-2021**

Table 6: Labour force by educational attainment, Sabah, 1982-2021

Tahun Year	('000)				
	Jumlah <sup>1</sup> Total	Tiada pendidikan rasmi No formal education	Rendah Primary	Menengah Secondary	Tertiari Tertiary
1982	<b>354.3</b>	91.7	126.8	124.8	10.9
1983	<b>393.8</b>	100.2	142.2	139.4	12.0
1984	<b>425.9</b>	109.2	158.9	144.4	13.4
1985	<b>431.0</b>	109.7	161.9	146.4	13.0
1986	<b>441.6</b>	102.1	168.9	156.0	14.6
1987	<b>466.5</b>	106.5	170.7	172.1	17.1
1988	<b>462.6</b>	96.5	171.8	178.5	15.8
1989	<b>477.5</b>	96.4	182.7	183.6	14.8
1990	<b>479.9</b>	92.1	166.4	202.1	19.3
1992	<b>524.3</b>	107.3	179.4	214.1	23.4
1993	<b>725.3</b>	120.9	224.2	340.2	39.9
1995	<b>764.7</b>	134.4	268.4	317.6	44.4
1996	<b>1,032.3</b>	150.8	388.7	433.3	59.4
1997	<b>1,048.5</b>	139.3	398.2	443.9	67.2
1998	<b>1,123.7</b>	147.2	433.7	472.3	70.3
1999	<b>1,167.2</b>	140.2	419.2	527.0	80.8
2000	<b>991.6</b>	116.2	323.9	462.7	88.8
2001	<b>1,048.0</b>	114.3	345.9	491.8	96.1
2002	<b>1,093.2</b>	116.6	369.5	496.5	110.2
2003	<b>1,134.5</b>	120.6	376.1	522.0	115.6
2004	<b>1,156.9</b>	118.4	369.8	541.7	126.8
2005	<b>1,181.9</b>	119.2	399.0	531.1	132.4
2006	<b>1,230.4</b>	104.4	403.8	574.8	147.5
2007	<b>1,267.7</b>	119.8	401.7	569.6	176.6
2008	<b>1,294.2</b>	153.4	361.4	592.9	186.5
2009	<b>1,345.3</b>	133.0	386.8	612.0	213.6
2010	<b>1,480.7</b>	159.5	471.1	637.9	212.2
2011	<b>1,562.5</b>	164.6	467.8	681.3	248.7
2012	<b>1,627.9</b>	151.6	486.2	744.3	245.7
2013	<b>1,801.7</b>	171.2	555.0	806.0	269.5
2014	<b>1,831.6</b>	169.4	579.2	786.2	296.8
2015	<b>1,863.4</b>	191.3	564.5	796.3	311.4
2016	<b>1,927.1</b>	163.2	622.4	831.2	310.2
2017	<b>1,903.8</b>	175.9	557.5	844.1	326.4
2018	<b>1,937.6</b>	210.6	517.7	882.6	326.7
2019	<b>2,025.7</b>	245.3	537.3	897.4	345.8
2020	<b>2,032.6</b>	179.8	493.0	911.2	448.6
2021	<b>2,022.0</b>	283.4	476.9	906.8	354.9

Nota/Note:

**1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"**

Total includes "unknown" educational attainment

**Jadual 6: Tenaga buruh mengikut pencapaian pendidikan, Sarawak, 1982-2021**

Table 6: Labour force by educational attainment, Sarawak, 1982-2021

Tahun Year	('000)				
	Jumlah <sup>1</sup> Total	Tiada pendidikan rasmi No formal education	Rendah Primary	Menengah Secondary	Tertiari Tertiary
1982	<b>539.7</b>	187.7	189.4	141.2	21.4
1983	<b>569.5</b>	184.4	195.2	167.2	22.7
1984	<b>616.7</b>	185.0	209.2	196.5	25.9
1985	<b>632.7</b>	182.8	215.5	204.6	29.6
1986	<b>674.8</b>	185.0	220.2	235.4	34.2
1987	<b>712.2</b>	175.6	237.0	267.0	32.5
1988	<b>710.3</b>	168.1	233.4	276.1	32.8
1989	<b>760.0</b>	181.1	241.5	298.4	39.0
1990	<b>775.4</b>	167.2	254.3	311.1	42.8
1992	<b>771.1</b>	150.3	236.6	335.6	48.7
1993	<b>810.2</b>	136.4	261.3	350.6	62.0
1995	<b>828.6</b>	145.8	242.4	374.4	66.0
1996	<b>869.5</b>	133.6	270.4	388.9	76.5
1997	<b>864.9</b>	127.7	259.0	401.4	76.8
1998	<b>868.1</b>	130.8	248.9	408.0	80.4
1999	<b>906.9</b>	111.2	244.6	455.0	96.1
2000	<b>915.7</b>	125.4	267.2	439.6	83.6
2001	<b>918.0</b>	111.8	266.2	441.3	98.6
2002	<b>955.8</b>	128.0	284.4	443.3	100.1
2003	<b>946.4</b>	110.1	262.5	466.0	107.8
2004	<b>955.2</b>	105.5	260.3	463.4	126.1
2005	<b>950.3</b>	100.2	244.0	475.4	130.7
2006	<b>958.0</b>	91.1	259.9	479.1	127.9
2007	<b>997.4</b>	93.3	258.3	491.8	153.9
2008	<b>973.0</b>	82.5	245.2	499.3	145.9
2009	<b>1,024.2</b>	83.8	244.6	521.9	173.9
2010	<b>1,093.7</b>	93.5	261.5	557.1	181.6
2011	<b>1,103.4</b>	73.7	239.9	594.9	194.8
2012	<b>1,184.9</b>	86.2	272.3	609.1	217.3
2013	<b>1,234.2</b>	85.9	294.8	639.0	214.5
2014	<b>1,271.4</b>	73.1	270.9	691.5	235.9
2015	<b>1,258.3</b>	65.8	278.3	657.3	256.9
2016	<b>1,260.1</b>	59.0	259.2	685.4	256.5
2017	<b>1,292.6</b>	49.5	229.3	746.6	267.1
2018	<b>1,316.7</b>	51.2	256.5	728.3	280.7
2019	<b>1,346.8</b>	47.6	226.4	767.3	305.5
2020	<b>1,319.5</b>	49.7	201.3	761.7	306.8
2021	<b>1,338.6</b>	42.2	170.2	787.4	338.8

Nota/Note:

**1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"**

Total includes "unknown" educational attainment

**Jadual 6: Tenaga buruh mengikut pencapaian pendidikan, W.P. Kuala Lumpur, 1982-2021**

Table 6: Labour force by educational attainment, W.P. Kuala Lumpur, 1982-2021

Tahun Year	('000)				
	Jumlah <sup>1</sup> Total	Tiada pendidikan rasmi No formal education	Rendah Primary	Menengah Secondary	Tertiari Tertiary
1982	472.6	19.0	147.8	260.2	45.5
1983	439.6	18.8	141.7	236.7	42.4
1984	504.5	24.2	136.6	294.9	48.8
1985	509.7	19.9	139.6	295.2	55.0
1986	481.3	18.2	128.5	278.0	56.5
1987	485.5	16.1	123.0	282.9	63.5
1988	498.7	15.1	127.2	291.8	64.7
1989	524.3	14.9	125.6	310.4	73.4
1990	503.9	14.1	121.4	297.5	70.9
1992	569.6	14.9	99.9	356.6	98.1
1993	598.6	12.9	124.4	358.4	102.8
1995	598.4	17.5	103.8	373.4	103.7
1996	710.8	23.7	113.1	405.7	168.2
1997	700.7	18.4	105.1	388.4	188.9
1998	685.6	17.3	90.6	388.0	189.6
1999	710.4	15.0	100.7	395.5	199.2
2000	680.4	9.5	91.0	399.4	180.6
2001	723.2	13.7	93.1	395.8	220.6
2002	816.9	7.5	117.1	441.5	250.8
2003	740.3	7.6	88.2	406.0	238.6
2004	691.6	11.3	83.8	361.4	235.1
2005	691.4	6.4	73.0	381.6	230.1
2006	696.1	9.7	74.8	382.8	228.5
2007	702.4	5.3	79.5	403.0	214.5
2008	701.0	6.5	70.0	402.0	222.4
2009	698.3	5.6	68.0	383.5	241.2
2010	812.9	7.2	71.1	441.3	293.3
2011	837.6	7.1	89.0	451.8	289.7
2012	842.9	7.9	82.0	456.9	296.1
2013	907.3	9.1	76.6	506.8	314.7
2014	877.0	8.3	68.8	452.0	347.9
2015	882.6	3.5	60.5	459.0	359.6
2016	855.4	2.6	51.2	436.4	365.2
2017	871.4	5.6	51.6	472.4	341.8
2018	844.9	5.4	41.6	415.3	382.6
2019	863.4	6.1	45.2	458.2	353.9
2020	910.6	9.8	50.1	432.9	417.8
2021	893.3	19.5	24.6	370.5	478.8

Nota/Note:

**1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"**

Total includes "unknown" educational attainment

**Jadual 6: Tenaga buruh mengikut pencapaian pendidikan, W.P. Labuan, 1984-2021**

Table 6: Labour force by educational attainment, W.P. Labuan, 1984-2021

Tahun Year	('000)				
	Jumlah <sup>1</sup> Total	Tiada pendidikan rasmi No formal education	Rendah Primary	Menengah Secondary	Tertiali Tertiary
1984	17.3	1.9	6.0	8.6	0.8
1985	16.3	1.9	5.6	8.0	0.8
1986	15.3	1.5	5.0	8.0	0.9
1987	13.6	1.3	4.4	7.1	0.8
1988	13.8	1.2	4.4	7.5	0.7
1989	14.7	1.6	4.3	8.1	0.7
1990	15.7	0.6	5.8	7.9	1.4
1992	15.4	0.9	5.3	8.6	0.5
1993	18.4	1.5	4.1	11.9	1.0
1995	32.6	2.6	9.3	18.3	2.4
1996	39.4	1.9	14.1	20.0	3.4
1997	35.9	3.1	9.7	18.8	4.3
1998	37.9	1.7	8.9	24.0	3.4
1999	42.9	2.7	16.4	20.7	3.1
2000	26.7	1.2	7.5	15.1	2.8
2001	28.7	1.4	5.9	17.9	3.5
2002	34.0	2.1	8.0	19.3	4.7
2003	33.3	1.0	7.3	20.0	5.0
2004	34.0	2.8	8.1	17.1	5.9
2005	32.2	2.6	7.7	17.7	4.2
2006	33.7	1.8	8.8	18.5	4.5
2007	34.1	2.9	7.6	18.2	5.5
2008	34.5	4.0	6.4	18.3	5.7
2009	37.6	2.9	6.2	20.4	8.1
2010	40.0	1.0	5.5	23.1	10.5
2011	40.3	1.6	5.7	21.7	11.3
2012	41.3	1.6	5.7	21.8	12.3
2013	41.8	1.3	5.4	22.4	12.6
2014	43.0	1.5	6.0	25.0	10.5
2015	41.5	1.6	4.3	24.7	11.0
2016	43.6	1.3	4.7	24.5	13.1
2017	42.0	1.3	4.2	25.2	11.3
2018	44.6	1.1	4.2	25.7	13.6
2019	43.3	2.3	3.5	23.5	13.9
2020	46.1	1.8	4.0	26.0	14.4
2021	48.0	2.6	3.3	24.6	17.5

Nota/Note:

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"

Total includes "unknown" educational attainment



**Jadual 6: Tenaga buruh mengikut pencapaian pendidikan, W.P. Putrajaya, 2011-2021**

Table 6: Labour force by educational attainment, W.P. Putrajaya, 2011-2021

Tahun Year	('000)				
	Jumlah <sup>1</sup> Total	Tiada pendidikan rasmi No formal education	Rendah Primary	Menengah Secondary	Tertiari Tertiary
2011	41.9	0.0	1.7	13.4	26.7
2012	40.9	-	1.4	13.3	26.2
2013	41.2	0.1	1.5	12.9	26.6
2014	40.8	-	0.7	14.7	25.4
2015	38.9	0.1	0.5	12.0	26.3
2016	38.9	-	0.7	11.9	26.4
2017	38.6	-	0.9	12.1	25.6
2018	38.9	0.0	0.4	13.1	25.3
2019	38.6	-	0.8	12.8	25.0
2020	36.7	-	0.2	13.1	23.4
2021	37.8	0.0	0.8	14.6	22.4

Nota/Note:

**1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"***Total includes "unknown" educational attainment***2. Mulai 2011, data tenaga buruh W.P. Putrajaya diterbitkan berasingan daripada negeri Selangor***Starting 2011, labour force data for W.P Putrajaya was published separately from Selangor*