

**LAPORAN STATISTIK JPK 2020**  
**JABATAN PEMBANGUNAN KEMAHIRAN (JPK)**  
**BULAN : OGOS 2020**



Jabatan Pembangunan Kemahiran  
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**1) Standard Kemahiran Pekerjaan Kebangsaan (NOSS)**

Rujuk Lampiran 1

|                                                      |         |      |
|------------------------------------------------------|---------|------|
| Bil. Standard Keterampilan Kebangsaan (NCS)          | 29      |      |
| Bil. Kurikulum Sistem Latihan Dual Nasional (K-SLDN) | 29      |      |
| Pembangunan NOSS                                     | Tahap 1 | 126  |
|                                                      | Tahap 2 | 405  |
|                                                      | Tahap 3 | 695  |
|                                                      | Tahap 4 | 345  |
|                                                      | Tahap 5 | 337  |
|                                                      | Jumlah  | 1908 |
| Bil. NOSS aktif (NOSS + NCS + K-SLDN)                | 1,966   |      |

**2) Personel Pentauliahan**

Rujuk Lampiran 2

|                       | Kategori                        | Tahun 2020 | Keseluruhan |
|-----------------------|---------------------------------|------------|-------------|
| Personel Pentauliahan | Pengurus Pusat Bertauliah (PPB) | 270        | 1,554       |
|                       | Pegawai Pengesah Dalam (PPD)    | 2,445      | 20,810      |
|                       | Pegawai Penilai (PP)            | 4,340      | 35,384      |
|                       | PPB-SLDN                        | 29         | 131         |
|                       | Coach                           | 196        | 838         |
|                       | Pengajar-SLDN (P-SLDN)          | 67         | 665         |
|                       | Jumlah                          | 7,347      | 59,382      |

**3) Occupational Framework (OF)**

Rujuk Lampiran 3

|                     |     |
|---------------------|-----|
| Bil. OF Keseluruhan | 131 |
|---------------------|-----|

**4) Kajian Latihan Kemahiran**

Rujuk Lampiran 4

|                         |    |
|-------------------------|----|
| Bil. Kajian Keseluruhan | 43 |
|-------------------------|----|

**5) Industrial Lead Body (ILB)**

Rujuk Lampiran 5

|                      |    |
|----------------------|----|
| Bil. ILB Keseluruhan | 32 |
|----------------------|----|

**6) Program Promosi Latihan Kemahiran**

Rujuk Lampiran 6

|                                              |       |
|----------------------------------------------|-------|
| Bil. Keseluruhan Program Promosi 2011 - 2020 | 9,610 |
|----------------------------------------------|-------|

**7) Pentauliahan Sistem Latihan Program Bertauliah (SLaPB)**

Rujuk Lampiran 7

|    |      | Tahun 2020 |        | PB Aktif* |        |        |
|----|------|------------|--------|-----------|--------|--------|
|    | Awam | Swasta     | Jumlah | Awam      | Swasta | Jumlah |
| PB | 16   | 14         | 30     | 794       | 531    | 1,325  |

  

| Program |         | Awam  | Swasta | Jumlah |
|---------|---------|-------|--------|--------|
|         | Tahap 1 | 86    | 64     | 150    |
|         | Tahap 2 | 1,093 | 563    | 1,656  |
|         | Tahap 3 | 1,558 | 780    | 2,338  |
|         | Tahap 4 | 787   | 275    | 1,062  |
|         | Tahap 5 | 30    | 7      | 37     |
|         | NCS     | 2     | 6      | 8      |
|         | Modular | 56    | 68     | 124    |
| Jumlah  |         | 3,612 | 1,763  | 5,375  |

\* Pusat Bertauliah (PB) masih sah tempoh pentauliahan

**8) Sistem Latihan Dual Nasional (SLDN)**

**a. Pentauliahan**

|               |                                   | Tahun 2020 | PB Aktif* | Keseluruhan** |
|---------------|-----------------------------------|------------|-----------|---------------|
| Pusat Latihan | Awam                              | 3          | 68        | 353           |
|               | Swasta                            | 8          | 172       | 2,342         |
| Jumlah        |                                   | 11         | 240       | 2,695         |
| Syarikat      | Government-Linked Company (GLC)   | 2          | 64        | 194           |
|               | Multinational Corporation (MNC)   | 68         | 574       | 1,499         |
|               | Small and Medium Enterprise (SME) | 47         | 557       | 4,164         |
|               | Agensi Kerajaan                   | 3          | 83        | 201           |
|               | Pertubuhan/ Persatuan             | 0          | 4         | 30            |
| Jumlah        |                                   | 120        | 1,282     | 6,088         |

\* Pusat Bertauliah masih sah tempoh pentauliahan

\*\* Jumlah Pusat Bertauliah yang pernah ditauliah

**9) Pendaftaran Sistem Persijilan Kemahiran Malaysia (SPKM)**

Rujuk Lampiran 9

|         | Tahun 2020 |       |       |        | Keseluruhan       |                    |                 |           |
|---------|------------|-------|-------|--------|-------------------|--------------------|-----------------|-----------|
|         | SLaPB      | SLDN  | PPT   | Jumlah | SLaPB (2002-2020) | SLDN (2005 - 2020) | PPT (1997-2020) | Jumlah    |
| Tahap 1 | 404        | 266   | 259   | 929    | 1,862,170         | 119,959            | 199,018         | 2,181,147 |
| Tahap 2 | 12,269     | 1,710 | 1,708 | 15,687 |                   |                    |                 |           |
| Tahap 3 | 24,158     | 631   | 3,743 | 28,532 |                   |                    |                 |           |
| Tahap 4 | 3,780      | 139   | 1,145 | 5,064  |                   |                    |                 |           |
| Tahap 5 | 172        | 42    | 129   | 343    |                   |                    |                 |           |
| Jumlah  | 40,783     | 2,788 | 6,984 | 50,555 |                   |                    |                 |           |

**10) Persijilan Sistem Persijilan Kemahiran Malaysia (SPKM)**

Rujuk Lampiran 10

|         | Tahun 2020 |       |       |        | Keseluruhan |        |         |           |       |
|---------|------------|-------|-------|--------|-------------|--------|---------|-----------|-------|
|         | SLaPB      | SLDN  | PPT   | Jumlah | SLaPB       | SLDN   | PPT     | Jumlah    | %     |
| Tahap 1 | 517        | 96    | 309   | 922    | 599,080     | 22,403 | 33,224  | 654,707   | 33.7  |
| Tahap 2 | 9,933      | 1,643 | 1,608 | 13,184 | 667,896     | 43,347 | 52,783  | 764,026   | 39.4  |
| Tahap 3 | 12,680     | 1,110 | 2,958 | 16,748 | 310,925     | 22,456 | 79,066  | 412,447   | 21.2  |
| Tahap 4 | 12,876     | 35    | 1,103 | 14,014 | 75,248      | 867    | 26,980  | 103,095   | 5.3   |
| Tahap 5 | 117        | 0     | 177   | 294    | 1,681       | 93     | 5,410   | 7,184     | 0.4   |
| Jumlah  | 36,123     | 2,884 | 6,155 | 45,162 | 1,654,830   | 89,166 | 197,463 | 1,941,459 | 100.0 |



**PERSIJILAN  
SKM**



**\*MAHIR**

**110,279**

**\*SEPARA MAHIR**

**1,831,180**



**TAHUN  
2020**

**\*MAHIR**

**14,308**

**\*SEPARA MAHIR**

**30,854**

**NOTA:**

Tahap kemahiran diklasifikasikan berdasarkan Malaysia Standard Classification of Occupations (MASCO) 2013.  
 Pekerja Mahir :  
 \*Manager, Professionals, Technicians & Associate Professionals (\*\* Kumpulan Major MASCO 1-3;  
 \*Tahap pendidikan Ketiga dan Keempat DKM & DLKM);  
 Pekerja Separa Mahir:  
 \* Clerical Support Workers, Service & Sales Workers, Skilled Agricultural, Forestry, Livestock and Fishery Workers, Craft & Related Trades Workers, Plant & Machine Operators & Assemblers  
 (\*\*Kumpulan Major MASCO 4-8; \*Tahap Pendidikan Kedua SKM Tahap 1-3)

Sumber:  
 \* MASCO 2013  
 \*\*Department of Statistics Malaysia (DOSM)

**1. STANDARD KEMAHIRAN PEKERJAAN KEBANGSAAN (NOSS)**

Lampiran 1

a. Senarai bidang NOSS (21 Seksyen + Jumlah NOSS yang ada/ aktif sehingga 31 OGOS 2020)

| BIL                                                         | KOD    | BAHAGIAN A: NOSS                                                          |                                                                      | T1    | T2  | T3  | T4  | T5  | NCS | JUMLAH |
|-------------------------------------------------------------|--------|---------------------------------------------------------------------------|----------------------------------------------------------------------|-------|-----|-----|-----|-----|-----|--------|
| 1                                                           | A      | PERTANIAN, PERHUTANAN DAN PERIKANAN                                       | AGRICULTURE, FORESTRY AND FISHING                                    | 5     | 25  | 42  | 18  | 17  | 0   | 107    |
| 2                                                           | B      | PERLOMBONGAN DAN PENGKUARIAN                                              | MINING AND QUAARRYING                                                | 4     | 5   | 15  | 9   | 9   | 0   | 42     |
| 3                                                           | C      | PEMBUATAN                                                                 | MANUFACTURING                                                        | 28    | 119 | 181 | 85  | 84  | 0   | 497    |
| 4                                                           | D      | BEKALAN ELEKTRIK, GAS, WAP DAN PENDINGIN UDARA                            | ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY                  | 2     | 6   | 8   | 3   | 3   | 0   | 22     |
| 5                                                           | E      | BEKALAN AIR; PEMBENTUNGAN, PENGURUSAN SISA DAN AKTIVITI PEMULIHAN         | WATER SUPPLY; SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES  | 2     | 18  | 19  | 11  | 11  | 0   | 61     |
| 6                                                           | F      | PEMBINAAN                                                                 | CONSTRUCTION                                                         | 33    | 77  | 79  | 14  | 10  | 0   | 213    |
| 7                                                           | G      | PERDAGANGAN BORONG DAN RUNCIT, PEMBAIKAN KENDERAAN BERMOTOR DAN MOTOSIKAL | WHOLESALE AND RETAIL TRADE, REPAIR OF MOTOR VEHICLES AND MOTORCYCLES | 3     | 9   | 28  | 12  | 12  | 0   | 64     |
| 8                                                           | H      | PENGANGKUTAN DAN PENYIMPANAN                                              | TRANSPORTATION AND STORAGE                                           | 9     | 25  | 47  | 25  | 25  | 0   | 131    |
| 9                                                           | I      | PENGINAPAN DAN AKTIVITI PERKHIDMATAN MAKANAN DAN MINUMAN                  | ACCOMMODATION AND FOOD SERVICE ACTIVITIES                            | 0     | 7   | 11  | 6   | 5   | 0   | 29     |
| 10                                                          | J      | MAKLUMAT DAN KOMUNIKASI                                                   | INFORMATION AND COMMUNICATION                                        | 5     | 18  | 49  | 42  | 41  | 0   | 155    |
| 11                                                          | K      | AKTIVITI KEWANGAN DAN INSURANS/ TAKAFUL                                   | FINANCIAL AND INSURANCE/ TAKAFUL ACTIVITIES                          | 0     | 0   | 8   | 8   | 8   | 0   | 24     |
| 12                                                          | L      | AKTIVITI HARTANAH                                                         | REAL ESTATE ACTIVITIES                                               | 0     | 1   | 1   | 1   | 0   | 0   | 3      |
| 13                                                          | M      | AKTIVITI PROFESIONAL, SAINTIFIK DAN TEKNIKAL                              | PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES                    | 18    | 38  | 66  | 42  | 43  | 0   | 207    |
| 14                                                          | N      | AKTIVITI PENTADBIRAN DAN KHIDMAT SOKONGAN                                 | ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES                        | 3     | 14  | 32  | 21  | 21  | 0   | 91     |
| 15                                                          | O      | PENTADBIRAN AWAM DAN PERTAHANAN; AKTIVITI KESELAMATAN SOSIAL WAJIB        | PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY        | 1     | 5   | 9   | 5   | 5   | 0   | 25     |
| 16                                                          | P      | PENDIDIKAN                                                                | EDUCATION                                                            | 1     | 4   | 14  | 8   | 9   | 0   | 36     |
| 17                                                          | Q      | AKTIVITI KESIHATAN KEMANUSIAAN DAN KERJA SOSIAL                           | HUMAN HEALTH AND SOCIALWORK ACTIVITIES                               | 5     | 9   | 35  | 13  | 12  | 0   | 74     |
| 18                                                          | R      | KESENIAN, HIBURAN DAN REKREASI                                            | ARTS ENTERTAINMENT AND RECREATION                                    | 6     | 18  | 40  | 15  | 16  | 0   | 95     |
| 19                                                          | S      | AKTIVITI PERKHIDMATAN LAIN                                                | OTHER SERVICE ACTIVITIES                                             | 1     | 6   | 9   | 6   | 5   | 0   | 27     |
| 20                                                          | T      | AKTIVITI ISI RUMAH SEBAGAI MAJIKAN;                                       | ACTIVITIES OF HOUSEHOLDS AS                                          | 0     | 1   | 2   | 1   | 1   | 0   | 5      |
| 21                                                          | U      | AKTIVITI BADAN DAN PERTUBUHAN LUAR                                        | ACTIVITIES OF EXTRATERRITORIAL                                       | 0     | 0   | 0   | 0   | 0   | 0   | 0      |
| 31                                                          | NCS    | BAHAGIAN B: NCS                                                           |                                                                      | 0     | 0   | 0   | 0   | 0   | 29  | 29     |
| 32                                                          | K-SLDN | BAHAGIAN C: K-SLDN                                                        |                                                                      | 0     | 2   | 27  | 0   | 0   | 0   | 29     |
| JUMLAH NOSS MENGIKUT TAHAP                                  |        |                                                                           |                                                                      | 126   | 405 | 695 | 345 | 337 | 0   | 1,908  |
| JUMLAH KESELURUHAN NOSS + NCS AKTIF + K-SLDN                |        |                                                                           |                                                                      | 126   | 407 | 722 | 345 | 337 | 29  | 1,966  |
| BILANGAN NOSS + NCS (KAJI SEMULA/ JUMUD)                    |        |                                                                           |                                                                      | 1,374 |     |     |     |     |     |        |
| JUMLAH KESELURUHAN NOSS + NCS + K-SLDN (KAJI SEMULA/ JUMUD) |        |                                                                           |                                                                      | 3,340 |     |     |     |     |     |        |

(semakin Daftar : Ogos 2019)

b. NOSS yang diluluskan mengikut tahun (Tahun 1990 - 2019)

| Tahun         | Jumlah NOSS yang diluluskan |
|---------------|-----------------------------|
| 1990          | 3                           |
| 1991          | 0                           |
| 1992          | 0                           |
| 1993          | 18                          |
| 1994          | 45                          |
| 1995          | 71                          |
| 1996          | 36                          |
| 1997          | 59                          |
| 1998          | 87                          |
| 1999          | 51                          |
| 2000          | 66                          |
| 2001          | 80                          |
| 2002          | 97                          |
| 2003          | 99                          |
| 2004          | 24                          |
| 2005          | 33                          |
| 2006          | 23                          |
| 2007          | 42                          |
| 2008          | 212                         |
| 2009          | 271                         |
| 2010          | 283                         |
| 2011          | 147                         |
| 2012          | 346                         |
| 2013          | 270                         |
| 2014          | 310                         |
| 2015          | 69                          |
| 2016          | 220                         |
| 2017          | 179                         |
| 2018          | 88                          |
| 2019          | 125                         |
| <b>JUMLAH</b> | <b>3,340</b>                |

**STATISTIK PERAKUAN PERSONEL JPK MASIH SAH DAN AKTIF BAGI LANTIKAN SEHINGGA 31 OGOS 2020**

| BIL    | NEGERI          | JUMLAH        | JUMLAH |        | PPB  |        | PPD    |        | PP     |        | PPB-SLDN | COACH | P-SLDN | JUMLAH KESELURUHAN |
|--------|-----------------|---------------|--------|--------|------|--------|--------|--------|--------|--------|----------|-------|--------|--------------------|
|        |                 | AWAM & SWASTA | AWAM   | SWASTA | AWAM | SWASTA | AWAM   | SWASTA | AWAM   | SWASTA |          |       |        |                    |
| 1      | PUTRAJAYA       | 671           | 671    | 0      | 122  | 0      | 180    | 0      | 369    | 0      | 7        | 19    | 5      | 702                |
| 2      | KUALA LUMPUR    | 3,717         | 2,026  | 1,691  | 43   | 81     | 922    | 567    | 1,061  | 1,043  | 16       | 28    | 35     | 3,796              |
| 3      | KELANTAN        | 2,440         | 2,162  | 278    | 49   | 8      | 722    | 102    | 1,391  | 168    | 10       | 115   | 25     | 2,590              |
| 4      | TERENGGANU      | 3,590         | 3,199  | 391    | 52   | 18     | 1,284  | 100    | 1,863  | 273    | 7        | 46    | 29     | 3,672              |
| 5      | PAHANG          | 3,779         | 3,570  | 209    | 62   | 12     | 1,237  | 77     | 2,271  | 120    | 1        | 4     | 6      | 3,790              |
| 6      | PERAK           | 4,696         | 3,352  | 1,344  | 87   | 42     | 1,200  | 475    | 2,065  | 827    | 8        | 96    | 70     | 4,870              |
| 7      | PULAU PINANG    | 4,891         | 3,574  | 1,317  | 51   | 40     | 1,093  | 359    | 2,430  | 918    | 11       | 72    | 54     | 5,028              |
| 8      | KEDAH           | 4,222         | 3,640  | 582    | 68   | 21     | 1,404  | 168    | 2,168  | 393    | 11       | 88    | 39     | 4,360              |
| 9      | SELANGOR        | 8,324         | 3,761  | 4,563  | 79   | 180    | 1,393  | 1,286  | 2,289  | 3,097  | 10       | 58    | 61     | 8,453              |
| 10     | JOHOR           | 7,751         | 6,783  | 968    | 134  | 39     | 2,793  | 311    | 3,856  | 618    | 17       | 62    | 48     | 7,878              |
| 11     | PERLIS          | 1,760         | 1,744  | 16     | 12   | 0      | 764    | 0      | 968    | 16     | 7        | 40    | 92     | 1,899              |
| 12     | SABAH           | 3,149         | 2,591  | 558    | 47   | 52     | 980    | 189    | 1,564  | 317    | 13       | 129   | 67     | 3,358              |
| 13     | SARAWAK         | 3,117         | 2,334  | 783    | 60   | 32     | 931    | 212    | 1,343  | 539    | 5        | 38    | 58     | 3,218              |
| 14     | NEGERI SEMBILAN | 3,251         | 2,609  | 642    | 42   | 40     | 1,042  | 214    | 1,525  | 388    | 7        | 40    | 30     | 3,328              |
| 15     | MELAKA          | 1,963         | 1,563  | 400    | 55   | 23     | 499    | 152    | 1,009  | 225    | 0        | 3     | 46     | 2,012              |
| 16     | LABUAN          | 427           | 427    | 0      | 3    | 0      | 154    | 0      | 270    | 0      | 1        | 0     | 0      | 428                |
| JUMLAH |                 | 57,748        | 44,006 | 13,742 | 966  | 588    | 16,598 | 4,212  | 26,442 | 8,942  | 131      | 838   | 665    | 59,382             |

**NOTA :**

1. Bermula **Mac 2019** data perakuan personel adalah **dijana** daripada Sistem Pengurusan Integrasi Kemahiran Malayisa (**MySpike**) atau dulu dikenali sebagai SKKM.
2. Data yang dijana adalah **jawatan personel** dan **program NOSS** yang telah diperaku serta **tempoh pentauliahan yang masih sah**.
3. Personel SLDN (PPB-PSLDN, COACH dan P-SLDN) tiada rekod PB Awam atau PB Swasta.
4. Kategori Personel Pengajar adalah bagi jawatan PP dan P-SLDN.

### 3) OCCUPATIONAL FRAMEWORK (OF)

### Lampiran 3

#### Senarai Occupational Framework (OF)

| BIL | TAHUN | TAJUK                                                                |
|-----|-------|----------------------------------------------------------------------|
| 1   | 2005  | Agrobased & food product                                             |
| 2   |       | Biotechnology (biotech)                                              |
| 3   |       | Building & construction                                              |
| 4   |       | Chemical                                                             |
| 5   |       | Electrical and electronic, telecommunication & broadcasting industry |
| 6   |       | Finance, banking & insurance                                         |
| 7   |       | Hospitality and tourism                                              |
| 8   |       | Teknologi maklumat dan komunikasi (ict)                              |
| 9   |       | Interior decor                                                       |
| 10  |       | Landscaping & environmental                                          |
| 11  |       | Material                                                             |
| 12  |       | Machinery and equipment                                              |
| 13  |       | Mechanical & electrical service and maintenance                      |
| 14  |       | Medical & pharmaceuticals                                            |
| 15  |       | Packaging                                                            |
| 16  |       | Printing                                                             |
| 17  |       | Souvenir & small enterprise                                          |
| 18  |       | Textile & apparel                                                    |
| 19  |       | Transportation                                                       |
| 20  | 2006  | Medical engineering industry                                         |
| 21  |       | Microelectronic industry                                             |
| 22  |       | Nanotechnology industry                                              |
| 23  |       | Telecommunication                                                    |
| 24  | 2007  | Waste management                                                     |
| 25  |       | Healthcare and industrial biotechnology                              |
| 26  |       | Biotechnology – agro based and ICT industry                          |
| 27  |       | Education and training services industry                             |
| 28  |       | Food processing industry                                             |
| 29  |       | Health services sector                                               |
| 30  |       | Metal based industry                                                 |
| 31  |       | Rubber based industry                                                |
| 32  |       | Tourism industry                                                     |
| 33  |       | Wood based industry                                                  |
| 34  | 2008  | Business and professional services industry sector                   |
| 35  |       | Distributive trade services industry                                 |
| 36  |       | Halal industry                                                       |
| 37  |       | Information and Communication Technology (ICT) Industry              |
| 38  |       | Integrated logistic services industry                                |
| 39  |       | Machinery and equipment industry                                     |
| 40  |       | Manufacturing sector – oil palm based industry                       |
| 41  | 2009  | Transport equipment industry                                         |
| 42  |       | Electronic industry sector                                           |
| 43  |       | Mechatronics industry sector                                         |
| 44  |       | Production industry sector                                           |
| 45  |       | Welding industry sector                                              |
| 46  |       | Agriculture & agro based industry                                    |
| 47  |       | Health and pharmaceutical manufacturing / support services sector    |
| 48  |       | The mining industry sector                                           |
| 49  |       | Tourism and hospitality sector                                       |
| 50  |       | Building construction industry sector                                |
| 51  | 2010  | Material manufacturing – non-metal sector                            |
| 52  |       | Biotechnology based industry (agriculture, healthcare, industrial)   |
| 53  |       | Green technology industry                                            |
| 54  |       | Oil, gas and petrochemical industry                                  |
| 55  | 2011  | Textile and apparel sector                                           |
| 56  |       | The coastal and maritime surveillance                                |
| 57  |       | Rail industry                                                        |
| 58  | 2012  | Telecommunications industry                                          |
| 59  |       | Sports tourism                                                       |
| 60  | 2012  | Wood based industry                                                  |
| 61  |       | Community services sector                                            |
| 62  |       | Information and communication technology                             |
| 63  |       | Cleaning industry                                                    |
| 64  |       | Printing industry                                                    |
| 65  |       | Automotive industry                                                  |
| 66  |       | Medical & pharmaceutical healthcare industry                         |
| 67  |       | Non-destructive testing industrial sector                            |

| BIL | TAHUN | TAJUK                                                               |
|-----|-------|---------------------------------------------------------------------|
| 68  | 2013  | Insurance and takaful industry                                      |
| 69  |       | Marine engineering industry                                         |
| 70  |       | Entertainment industry                                              |
| 71  |       | Distributive trade                                                  |
| 72  |       | Plastics industry                                                   |
| 73  | 2014  | Environmental management and pollution control                      |
| 74  |       | Aviation industry                                                   |
| 75  |       | Security                                                            |
| 76  |       | Chemical                                                            |
| 77  |       | Handicraft souvenir industry                                        |
| 78  | 2015  | Textile & apparel                                                   |
| 79  |       | Building and construction industry                                  |
| 80  |       | Education and training services industry                            |
| 81  |       | Mechanical & electrical services and maintenance                    |
| 82  |       | Electrical and electronics industry                                 |
| 83  |       | Hospitality and tourism industry                                    |
| 84  |       | IT industry                                                         |
| 85  |       | Palm oil plantation industry                                        |
| 86  |       | Oil & gas                                                           |
| 87  |       | Iron & steel industry                                               |
| 88  | 2016  | Sports activities industry                                          |
| 89  |       | Port services industry                                              |
| 90  |       | Transport via railways                                              |
| 91  |       | Water services industry                                             |
| 92  |       | Military & civil defence services                                   |
| 93  |       | Banking industry                                                    |
| 94  |       | Automotive                                                          |
| 95  |       | Social care sector                                                  |
| 96  |       | Creative content industry for film, television and cgi production   |
| 97  |       | Printing & service activities related to printing                   |
| 98  | 2017  | Landscape care & maintenance service activities                     |
| 99  |       | Police service                                                      |
| 100 |       | Logistic                                                            |
| 101 |       | Halal                                                               |
| 102 |       | Textile & apparel                                                   |
| 103 |       | Pemesinan & peralatan                                               |
| 104 |       | Green technology                                                    |
| 105 |       | Aerospace industry                                                  |
| 106 |       | Wholesale and retail trade and repair of motor vehicles and         |
| 107 |       | Retail sale in non-specialized store                                |
| 108 | 2018  | Repair and installation of machinery & equipment                    |
| 109 |       | Manufacturing of electrical equipment                               |
| 110 |       | Manufacturing of computer, electronic & optical products            |
| 111 |       | Manufacturing of other food products                                |
| 112 |       | Manufacturing of tobacco                                            |
| 113 |       | Growing of perennial crops                                          |
| 114 |       | Support activities to agriculture and post-harvest crops activities |
| 115 |       | Seni & budaya                                                       |
| 116 |       | Pengembaraan & pelancongan                                          |
| 117 |       | Shipping service industry                                           |
| 118 | 2019  | Farmaseutikal                                                       |
| 119 |       | Plastic products                                                    |
| 120 |       | Food and beverage service activities                                |
| 121 |       | Information service activities                                      |
| 122 |       | Telecommunications                                                  |
| 123 |       | Computer programming, consultancy and related activities            |
| 124 |       | Manufacture of machinery and equipment N.E.C                        |
| 125 |       | Manufacture of furniture                                            |
| 126 |       | Electricity, gas, steam and air conditioning supply                 |
| 127 |       | Construction of buildings                                           |
| 128 | 2019  | Specialized construction activities                                 |
| 129 |       | Warehousing and support activities for transportation               |
| 130 |       | Postal and courier activities                                       |
| 131 |       | Office administrative, office support and other business support    |

Bilangan OF Dibangunkan = 131

Bilangan OF Kaji semula = 24

Bilangan OF Aktif = 88

Bilangan OF Tidak Aktif = 43

#### 4. KAJIAN LATIHAN KEMAHIRAN

##### SENARAI KAJIAN JPK

##### KAJIAN BERSAMA PERUNDING

| BIL. | TAHUN | TAJUK KAJIAN                                                                                                                             |
|------|-------|------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | 2018  | Kajian Pelaksanaan Terbaik Persijilan Berkonsepan Pembelajaran Sepanjang Hayat (PSH) Melalui Kaedah Penilaian Pencapaian Terdahulu (PPT) |
| 2    | 2017  | Kajian Penerimaan Kurikulum Latihan Kemahiran Terhadap Kebolehkeraan Graduan Sistem Persijilan Kemahiran Malaysia (SPKM)                 |
| 3    | 2013  | Pembangunan Kapasiti-Rasionalisasi Penawaran Dan Permintaan Tenaga Kerja Vokasional Dan Teknikal Negara                                  |
| 4    | 2012  | Tahap Penerimaan Masyarakat Terhadap Latihan Kemahiran Di Malaysia                                                                       |
| 5    | 2011  | Kajian Tahap Kebolehkeraan Graduan Persijilan Kemahiran Malaysia Di Institut Latihan Kemahiran Awam (ILKA)                               |
| 6    | 2011  | Rasionalisasi Pelaksanaan Latihan Vokasional dan Pendidikan Teknik (TEVT)                                                                |
| 7    | 2010  | Laluan Kejayaan Dikalangan "Late Bloomers" Dari Bidang Teknikal Dan Vokasional                                                           |
| 8    | 2010  | Nilai Kerja Dalam Kalangan Perantis Sistem Latihan Dual Nasional (SLDN)                                                                  |
| 9    | 2010  | Imej Dan Kesetiaan Pelajar Terhadap Pendidikan Teknikal Dan Latihan Vokasional                                                           |
| 10   | 2010  | Pendidikan Teknikal Dan Latihan Vokasional Daripada Perspektif Ibu Bapa Dan Guru                                                         |
| 11   | 2010  | Kebanggaan Kerja Dan Penjenamaan Semula Pendidikan Teknikal Dan Latihan Vokasional Daripada Perspektif Ibu Bapa, Guru Dan Perantis       |
| 12   | 2008  | Kajian Penyertaan Industri Dalam Sistem Latihan Dual Nasional (SLDN)                                                                     |

##### KAJIAN SECARA DALAMAN

| BIL. | TAHUN | TAJUK KAJIAN                                                                                                                                                                                                                              |
|------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | 2015  | Kajian Permintaan dan Penawaran Pekerja Mahir Di Koridor Iskandar Malaysia (IM)                                                                                                                                                           |
| 2    | 2014  | Kajian Keberkesanan Pelaksanaan Promosi SkillsMalaysia, Jabatan Pembangunan Kemahiran (JPK) Bagi Zon Utara                                                                                                                                |
| 3    | 2014  | Kajian keberkesanan Sistem Penilaian Akhir Latihan Kemahiran Pusat Bertauliah (PB) di bawah Jabatan Pembangunan Kemahiran (JPK) dalam Program Automotif Dan Elektrik berdasarkan Kepada Laporan Verifikasi Pegawai Pengesah Luaran (PPL). |
| 4    | 2012  | Keberkesanan Pelaksanaan SLDN Dari Perspektif Pusat Latihan                                                                                                                                                                               |
| 5    | 2012  | Tahap Penerimaan Perantis SLDN Di Alam Pekerjaan                                                                                                                                                                                          |
| 6    | 2012  | Tahap Penerimaan Masyarakat Terhadap Program SLDN                                                                                                                                                                                         |
| 7    | 2012  | Penglibatan GLC Dan MNC Dalam Program SLDN: Model Pelaksanaan Berkesan                                                                                                                                                                    |
| 8    | 2012  | Tahap Penggunaan NOSS Sehingga 2011                                                                                                                                                                                                       |
| 9    | 2011  | Kebolehkeraan Graduan Persijilan Kemahiran Malaysia Yang Dibiayai Oleh PTPK                                                                                                                                                               |
| 10   | 2010  | Tahap Kebolehkeraan Di Kalangan Perantis Sistem Latihan Dual Nasional (SLDN)                                                                                                                                                              |
| 11   | -     | Kajian Pegawai Penilai (PP) Pusat Bertauliah                                                                                                                                                                                              |
| 12   | -     | Lulusan Sijil Kemahiran Malaysia (SKM) Di Industri                                                                                                                                                                                        |
| 13   | -     | Kekompetenan Pegawai Pengesah Dalaman (PPD)                                                                                                                                                                                               |
| 14   | -     | Keberkesanan Persijilan Kemahiran Malaysia (SKM) Di Industri                                                                                                                                                                              |

##### KAJIAN PERINGKAT PHD

| BIL. | TAHUN | TAJUK KAJIAN                                                                                                                                                                         |
|------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | 2016  | <i>The Development of an Assessment Framework for Vocational Education Training Programmes in the NOSS Based Training System (NBTS) and The National Dual Training system (NDTS)</i> |
| 2    | 2012  | <i>Evaluation of collaboration between public training institutions and private industries and its importance in improving the quality of training delivery in TVET in Malaysia</i>  |
| 3    | 2011  | <i>Effectiveness Of Learning Transfer In National Dual Training System (NDTS).</i>                                                                                                   |
| 4    | 2011  | <i>The Role Of Learning Organization In Department Of Skills Development (DSD) To Enhance The Implementation Of National Dual Training System (NDTS) In Malaysia.</i>                |
| 5    | 2010  | <i>The Integration Of The National Occupational Skills Standard (NOSS)-Based Training System And The National Dual Training System (NDTS) In Malaysia.</i>                           |
| 6    | 2010  | <i>Competencies Required By The Industry Coaches To Perform New Task In The Implementation Of The National Dual Training System In Malaysia</i>                                      |

##### KAJIAN BERSAMA ILB

| BIL. | TAHUN | TAJUK KAJIAN                                                                                                                                  |
|------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | 2019  | <i>Supply &amp; Demand of TVET Workforce in Malaysia Aerospace Industry</i>                                                                   |
| 2    | 2018  | <i>Malaysia Oil &amp; Gas Industry Workforce Are We Tuned-Up for The Rebound (MOGSC)</i>                                                      |
| 3    | 2017  | <i>Digital Talent Report 2017 (MDEC)</i>                                                                                                      |
| 4    | 2016  | <i>Skills Gap Among Takaful Agents In The Takaful Sector In Malaysia (AIF)</i>                                                                |
| 5    | 2016  | <i>A Study Of The Malaysian Plastics Industry Skills Need (MPMA)</i>                                                                          |
| 6    | 2015  | Kaji Selidik Status SKM NDT di Malaysia untuk Industri Minyak & Gas (MSNT)                                                                    |
| 7    | 2015  | <i>Survey Research On Demand &amp; Supply Of Skill Workers in Malaysia Shipbuilding &amp; Shiprepair Industry (AMIM)</i>                      |
| 8    | 2013  | Kajian Perbandingan Kesesuaian Kurikulum Kemahiran Pelatih Mengikut Keperluan Industri Bagi Program Latihan Kemahiran Bidang Pertanian (NATC) |
| 9    | 2013  | Kajian Mengenai Kekurangan Kemahiran Dalam Industri Tekstil Dan Pakaian (MTMA)                                                                |
| 10   | 2013  | Penawaran Dan Permintaan Untuk Pelatih Skm Dalam Bidang ICT (MDEC)                                                                            |
| 11   | 2013  | Kajian Keperluan Tenaga Kerja Bagi Sektor Industri Perakayuan (MTIB)                                                                          |

**JUMLAH KAJIAN TERKUMPUL = 43 KAJIAN**

## 5. **INDUSTRY LEAD BODY (ILB)**

### **SENARAI INDUSTRY LEAD BODY**

| <b>BIL.</b> | <b>ORGANISASI</b>                                       | <b>SINGKATAN</b> |
|-------------|---------------------------------------------------------|------------------|
| 1           | Association of Marine Industry of Malaysia              | AMIM             |
| 2           | Bahagian Latihan Kemahiran Pertanian                    | BLKP             |
| 3           | Lembaga Pembangunan Industri Pembinaan Malaysia         | CIDB             |
| 4           | Federation of Malaysian Freight Forwarders              | FMFF             |
| 5           | Malaysia Automotive Robotics and IoT Institute          | MARii            |
| 6           | Perbadanan Ekonomi Digital Malaysia                     | MDEC             |
| 7           | Machinery and Equipment Manufacturers Association       | MEMA             |
| 8           | Malaysia Steel Institute                                | MSI              |
| 9           | Malaysian Association of Hotels                         | MAH              |
| 10          | Malaysian Bioeconomy Development Corporation            | BIOECO           |
| 11          | Malaysian Plastics Manufacturers Association            | MPMA             |
| 12          | Malaysian Oil & Gas Services Council                    | MOGSC            |
| 13          | Agensi Penyelarasan Aeroangkasa Kebangsaan              | NAICO            |
| 14          | Malaysia Retailers Association                          | MRA              |
| 15          | Malaysian Association of Tour and Travel Agents         | MATTA            |
| 16          | Malaysian Organisation of Pharmaceutical Industries     | MOPI             |
| 17          | Institut Perladangan dan Komoditi Malaysia              | IMPAC            |
| 18          | Halal Development Corporation                           | HDC              |
| 19          | Jabatan Kebajikan Masyarakat                            | JKM              |
| 20          | Malaysian Institute of Human Resource Management        | MIHRM            |
| 21          | Malaysian Green Technology & Climate Change Centre      | MGTC             |
| 22          | Malaysian Society For Non-Destructive Testing           | MSNT             |
| 23          | Malaysian Textile and Apparel Centre                    | MATAC            |
| 24          | Jabatan Laut Malaysia                                   | JLM              |
| 25          | Jabatan Kebudayaan dan Kesenian Negara                  | JKKN             |
| 26          | Finance Accreditation Agency                            | FAA              |
| 27          | Perbadanan Pengurusan Sisa Pepejal dan Pembersihan Awam | SWCORP           |
| 28          | Malaysian Water Association                             | MWA              |
| 29          | Perbadanan Kemajuan Filem Nasional Malaysia             | FINAS            |
| 30          | Malaysian Technical Standards Forum Berhad              | MTSFB            |
| 31          | Persatuan Industri Keselamatan Malaysia                 | PIKM             |
| 32          | CyberSecurity Malaysia                                  | CYSEC            |

Lampiran 6

6. PROGRAM PROMOSI LATIHAN KEMAHIRAN

Program promosi yang telah dijalankan mengikut tahun dari 2011 sehingga 31 OGOS 2020

| JENIS PROMOSI    | AKTIVITI                         | TAHUN |      |      |      |       |       |      |      |      |      | Jumlah |
|------------------|----------------------------------|-------|------|------|------|-------|-------|------|------|------|------|--------|
|                  |                                  | 2011  | 2012 | 2013 | 2014 | 2015  | 2016  | 2017 | 2018 | 2019 | 2020 |        |
| Roadshows        | 1. Karnival                      | 6     | 9    | 2    | 3    | 6     | 6     | 6    | 1    | 8    | 0    | 47     |
|                  | 2. Mini Karnival/ MySkills Fair  | 0     | 3    | 14   | 8    | 0     | 6     | 4    | 5    | 1    | 0    | 41     |
|                  | 3. Pameran jemputan              | 27    | 38   | 38   | 35   | 27    | 34    | 23   | 15   | 19   | 2    | 258    |
|                  | 4. Ceramah jemputan              | 0     | 0    | 4    | 0    | 0     | 0     | 5    | 1    | 3    | 0    | 13     |
|                  | 5. Seminar Kemahiran             | 1     | 4    | 4    | 6    | 6     | 0     | 1    | 4    | 9    | 0    | 35     |
|                  | 6. Jelajah Kemahiran             | 0     | 0    | 1    | 6    | 0     | 0     | 0    | 0    | 0    | 0    | 7      |
|                  | 7. Majlis Khas Promosi           | 0     | 0    | 0    | 0    | 0     | 2     | 0    | 0    | 0    | 0    | 2      |
| JUMLAH           |                                  |       |      |      |      |       |       |      |      |      |      | 403    |
| Media Cetak      | 1. Laporan Akhbar                | 58    | 86   | 33   | 157  | 24    | 38    | 62   | 101  | 96   | 41   | 696    |
|                  | 2. Iklan akhbar                  | 0     | 0    | 0    | 0    | 0     | 46    | 5    | 3    | 12   | 0    | 66     |
| JUMLAH           |                                  |       |      |      |      |       |       |      |      |      |      | 762    |
| Media Elektronik | 1. Temuramah Radio               | 8     | 15   | 4    | 3    | 2     | 0     | 3    | 0    | 11   | 0    | 46     |
|                  | 2. Iklan Radio                   | 2,947 | 60   | 30   | 0    | 300   | 0     | 316  | 0    | 0    | 0    | 3,653  |
|                  | 3. Dokumentari TV                | 0     | 13   | 0    | 0    | 0     | 0     | 1    | 0    | 0    | 0    | 14     |
|                  | 4. Temuramah TV                  | 8     | 6    | 2    | 8    | 1     | 8     | 2    | 1    | 3    | 0    | 39     |
|                  | 5. Iklan TV                      | 0     | 0    | 6    | 661  | 273   | 87    | 0    | 0    | 0    | 0    | 1,027  |
|                  | 6. Berita online/ Artikel Online | 0     | 0    | 0    | 0    | 0     | 85    | 151  | 127  | 158  | 44   | 565    |
|                  | 7. Berita TV/ Rancangan TV       | 0     | 0    | 0    | 0    | 0     | 8     | 21   | 5    | 40   | 2    | 76     |
| JUMLAH           |                                  |       |      |      |      |       |       |      |      |      |      | 5,420  |
| Outdoor Ad       | 1. Billboard                     | 0     | 0    | 0    | 13   | 0     | 382   | 0    | 144  | 36   | 0    | 575    |
|                  | 2. Iklan di Pengangkutan Awam    | 0     | 0    | 0    | 0    | 0     | 22    | 0    | 0    | 0    | 0    | 22     |
| JUMLAH           |                                  |       |      |      |      |       |       |      |      |      |      | 597    |
| Media Sosial     | 1. FB Post                       | 12    | 115  | 60   | 87   | 196   | 424   | 244  | 255  | 376  | 60   | 1,829  |
|                  | 2. Instagram Post                | 0     | 0    | 0    | 5    | 2     | 88    | 9    | 4    | 12   | 0    | 120    |
|                  | 3. Twitter Tweet                 | 0     | 0    | 0    | 0    | 174   | 209   | 36   | 39   | 15   | 6    | 479    |
| JUMLAH           |                                  |       |      |      |      |       |       |      |      |      |      | 2,428  |
| Jumlah           |                                  | 3,067 | 349  | 198  | 992  | 1,011 | 1,445 | 889  | 705  | 799  | 155  | 9,610  |

**7. PENTAULIAHAN PUSAT BERTAULIAH SISTEM LATIHAN PROGRAM BERTAULIAH (SLaPB)****a. Bilangan PB mengikut negeri dan jenis pusat sehingga 31 OGOS 2020**

| NEGERI           | AWAM       | SWASTA     | JUMLAH PB    |
|------------------|------------|------------|--------------|
| Selangor         | 78         | 165        | 243          |
| Johor            | 94         | 42         | 136          |
| Kuala Lumpur     | 37         | 80         | 117          |
| Perak            | 79         | 43         | 122          |
| Sarawak          | 64         | 22         | 86           |
| Sabah            | 59         | 31         | 90           |
| Pulau Pinang     | 41         | 38         | 79           |
| Negeri Sembilan  | 51         | 26         | 77           |
| Terengganu       | 53         | 23         | 76           |
| Kedah            | 57         | 17         | 74           |
| Pahang           | 59         | 12         | 71           |
| Kelantan         | 58         | 10         | 68           |
| Melaka           | 41         | 21         | 62           |
| Perlis           | 16         | 1          | 17           |
| Labuan           | 5          | 0          | 5            |
| Putrajaya        | 2          | 0          | 2            |
| <b>JUMLAH PB</b> | <b>794</b> | <b>531</b> | <b>1,325</b> |

**b. Bilangan Program mengikut negeri dan jenis pemilikan bagi Pusat Bertauliah sehingga 31 OGOS 2020**

| NEGERI                | AWAM           |               |           |          | SWASTA         |               |           |          | JUMLAH PROGRAM |
|-----------------------|----------------|---------------|-----------|----------|----------------|---------------|-----------|----------|----------------|
|                       | Mengikut Tahap | Tahap Tunggal | Modular   | NCS      | Mengikut Tahap | Tahap Tunggal | Modular   | NCS      |                |
| Johor                 | 212            | 176           | 16        | 0        | 124            | 6             | 11        | 0        | 545            |
| Kedah                 | 163            | 123           | 0         | 0        | 73             | 5             | 0         | 0        | 364            |
| Kelantan              | 99             | 111           | 0         | 0        | 31             | 1             | 0         | 0        | 242            |
| Kuala Lumpur          | 63             | 52            | 0         | 0        | 195            | 10            | 12        | 2        | 334            |
| Labuan                | 15             | 13            | 0         | 0        | 0              | 0             | 0         | 0        | 28             |
| Melaka                | 88             | 72            | 3         | 0        | 57             | 4             | 2         | 1        | 227            |
| Negeri Sembilan       | 122            | 97            | 5         | 1        | 83             | 2             | 5         | 0        | 315            |
| Pahang                | 172            | 127           | 8         | 0        | 11             | 2             | 0         | 0        | 320            |
| Perlis                | 37             | 58            | 0         | 0        | 3              | 0             | 0         | 0        | 98             |
| Pulau Pinang          | 131            | 99            | 4         | 0        | 113            | 14            | 1         | 0        | 362            |
| Perak                 | 156            | 167           | 3         | 0        | 109            | 5             | 12        | 0        | 452            |
| Sabah                 | 157            | 137           | 1         | 0        | 71             | 4             | 0         | 0        | 370            |
| Selangor              | 252            | 149           | 8         | 1        | 551            | 36            | 25        | 3        | 1,025          |
| Sarawak               | 145            | 136           | 0         | 0        | 94             | 2             | 0         | 0        | 377            |
| Terengganu            | 109            | 114           | 8         | 0        | 80             | 3             | 0         | 0        | 314            |
| Putrajaya             | 2              | 0             | 0         | 0        | 0              | 0             | 0         | 0        | 2              |
| <b>JUMLAH PROGRAM</b> | <b>1,923</b>   | <b>1,631</b>  | <b>56</b> | <b>2</b> | <b>1,595</b>   | <b>94</b>     | <b>68</b> | <b>6</b> | <b>5,375</b>   |

**c. Bilangan PB swasta mengikut taraf pemilikan sehingga 31 OGOS 2020**

| NEGERI           | BUMIPUTERA | BUKAN BUMIPUTERA | JUMLAH PB  |
|------------------|------------|------------------|------------|
| Selangor         | 87         | 78               | 165        |
| Kuala Lumpur     | 32         | 48               | 80         |
| Johor            | 20         | 22               | 42         |
| Perak            | 19         | 24               | 43         |
| Pulau Pinang     | 16         | 22               | 38         |
| Sabah            | 18         | 13               | 31         |
| Terengganu       | 23         | 0                | 23         |
| Negeri Sembilan  | 14         | 12               | 26         |
| Sarawak          | 11         | 11               | 22         |
| Kedah            | 12         | 5                | 17         |
| Melaka           | 11         | 10               | 21         |
| Pahang           | 11         | 1                | 12         |
| Kelantan         | 8          | 2                | 10         |
| Perlis           | 1          | 0                | 1          |
| Labuan           | 0          | 0                | 0          |
| Putrajaya        | 0          | 0                | 0          |
| <b>Jumlah PB</b> | <b>283</b> | <b>248</b>       | <b>531</b> |

## 7. PENTAULIAHAN PUSAT BERTAULIAH SISTEM LATIHAN PROGRAM BERTAULIAH (SLaPB).. (Sambungan)

d. Statistik Program Bertauliah Mengikut Seksyen sehingga 31 OGOS 2020

| NO. SEKSYEN   | SEKSYEN                                                                                                                                              | BILANGAN PROGRAM BERTAULIAH |             | JUMLAH      |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|-------------|
|               |                                                                                                                                                      | KERAJAAN                    | SWASTA      |             |
| A             | PERTANIAN, PERHUTANAN DAN PERIKANAN                                                                                                                  | 119                         | 6           | 125         |
| B             | PERLOMBONGAN DAN PENGKUARIAN                                                                                                                         | 7                           | 1           | 8           |
| <b>C</b>      | <b>PEMBUATAN</b>                                                                                                                                     | <b>1564</b>                 | <b>540</b>  | 2104        |
| D             | BEKALAN ELEKTRIK, GAS, WAP DAN PENDINGIN UDARA                                                                                                       | 1                           | 3           | 4           |
| E             | BEKALAN AIR; PEMBENTUNGAN, PENGURUSAN SISA DAN AKTIVITI PEMULIHAN                                                                                    | 0                           | 10          | 10          |
| <b>F</b>      | <b>PEMBINAAN</b>                                                                                                                                     | <b>745</b>                  | <b>156</b>  | 901         |
| <b>G</b>      | <b>PERDAGANGAN BORONG DAN RUNCIT, PEMBAIKAN KENDERAAN BERMOTOR DAN MOTOSIKAL</b>                                                                     | <b>448</b>                  | <b>218</b>  | 666         |
| H             | PENGANGKUTAN DAN PENYIMPANAN                                                                                                                         | 1                           | 12          | 13          |
| I             | PENGINAPAN DAN AKTIVITI PERKHIDMATAN MAKANAN DAN MINUMAN                                                                                             | 25                          | 89          | 114         |
| <b>J</b>      | <b>MAKLUMAT DAN KOMUNIKASI</b>                                                                                                                       | <b>240</b>                  | <b>190</b>  | 430         |
| K             | AKTIVITI KEWANGAN DAN INSURANS / TAKAFUL                                                                                                             | 18                          | 1           | 19          |
| L             | AKTIVITI HARTANAH                                                                                                                                    | 0                           | 0           | 0           |
| M             | AKTIVITI PROFESIONAL, SAINTIFIK DAN TEKNIKAL                                                                                                         | 134                         | 80          | 214         |
| <b>N</b>      | <b>AKTIVITI PENTADBRAN DAN KHIDMAT SOKONGAN</b>                                                                                                      | <b>126</b>                  | <b>182</b>  | 308         |
| O             | PENTADBIRAN AWAM DAN PERTAHANAN; AKTIVITI KESELAMATAN SOSIAL WAJIB                                                                                   | 4                           | 0           | 4           |
| P             | PENDIDIKAN                                                                                                                                           | 26                          | 38          | 64          |
| Q             | AKTIVITI KESIHATAN DAN KEMANUSIAAN DAN KERJA SOSIAL                                                                                                  | 7                           | 11          | 18          |
| R             | KESENIAN, HIBURAN DAN REKREASI                                                                                                                       | 10                          | 2           | 12          |
| S             | AKTIVITI PERKHIDMATAN LAIN                                                                                                                           | 126                         | 184         | 310         |
| T             | AKTIVITI ISI RUMAH SEBAGAI MAJIKAN; AKTIVITI MENGELUARKAN BARANGAN DAN PERKHIDMATAN YANG TIDAK DAPAT DIBEZAKAN OLEH ISI RUMAH UNTUK KEGUNAAN SENDIRI | 9                           | 34          | 43          |
| U             | AKTIVITI BADAN DAN PERTUBUHAN LUAR WILAYAH                                                                                                           | 0                           | 0           | 0           |
| NCS           | STANDARD KETERAMPILAN KEBANGSAAN (NCS)                                                                                                               | 2                           | 6           | 8           |
| <b>JUMLAH</b> |                                                                                                                                                      | <b>3612</b>                 | <b>1763</b> | <b>5375</b> |

Program  
Paling  
Tinggi  
Ditauliahkan

**8. SISTEM LATIHAN DUAL NATIONAL (SLDN)**

Data Penyertaan Perantis &amp; Syarikat bagi SLDN &amp; SLDN Khas mengikut tahun daripada 2005 sehingga 31 OGOS 2020

**a. Penyertaan Perantis daripada 2005 sehingga 31 OGOS 2020**

| Tahun         | **SLDN        |               |              | Jumlah        | *SLDN         |                   |              | Jumlah        | JUMLAH KESELURUHAN |
|---------------|---------------|---------------|--------------|---------------|---------------|-------------------|--------------|---------------|--------------------|
|               | Biasa         | In-house      | Insentif     |               | Khas          | Peningkatan Tahap | Modular      |               |                    |
| 2005          | 70            |               |              |               |               |                   |              |               | 70                 |
| 2006          | 163           |               |              |               |               |                   |              |               | 163                |
| 2007          | 1,878         |               |              |               |               |                   |              |               | 1,878              |
| 2008          | 5,912         |               |              |               |               |                   |              |               | 5,912              |
| 2009          | 15,705        |               |              |               |               |                   |              |               | 15,705             |
| 2010          | 1,293         |               |              |               |               |                   |              |               | 1,293              |
| 2011          | 1,117         | 574           |              |               | 5,256         |                   |              |               | 6,947              |
| 2012          | 1,661         | 3,487         | 979          | 6,127         | 0             |                   |              |               | 6,127              |
| 2013          | 2,369         | 4,627         | 812          | 7,808         | 4,953         | 875               |              | 5,828         | 13,636             |
| 2014          | 3,186         | 4,148         | 498          | 7,832         | 2,627         | 812               | 876          | 4,315         | 12,147             |
| 2015          | 2,746         | 2,775         | 526          | 6,047         | 2,701         | 1,116             | 2,434        | 6,251         | 12,298             |
| 2016          | 2,032         | 3,316         | 321          | 5,669         | 4,544         | 1,793             | 0            | 6,337         | 12,006             |
| 2017          | 1,375         | 2,939         | 0            | 4,314         | 3,696         | 1,610             | 0            | 5,306         | 9,620              |
| 2018          | 1,847         | 2,309         | 0            | 4,156         | 4,967         | 1,811             | 0            | 6,778         | 10,934             |
| 2019          | 2,061         | 278           | 0            | 2,339         | 4,336         | 1,760             | 0            | 6,096         | 8,435              |
| 2020          | 665           | 187           | 0            | 852           | 1,371         | 550               | 15           | 1,936         | 2,788              |
| <b>JUMLAH</b> | <b>44,080</b> | <b>24,640</b> | <b>3,136</b> | <b>45,144</b> | <b>34,451</b> | <b>10,327</b>     | <b>3,325</b> | <b>42,847</b> | <b>119,959</b>     |

**b. Syarikat dari 2005 sehingga 31 OGOS 2020**

| Tahun         | **SLDN       |              |            | Jumlah       | *SLDN        |                   |            | Jumlah       | JUMLAH KESELURUHAN |
|---------------|--------------|--------------|------------|--------------|--------------|-------------------|------------|--------------|--------------------|
|               | Biasa        | In-house     | Insentif   |              | Khas         | Peningkatan Tahap | Modular    |              |                    |
| 2005          | 4            |              |            |              |              |                   |            |              | 4                  |
| 2006          | 3            |              |            |              |              |                   |            |              | 3                  |
| 2007          | 36           |              |            |              |              |                   |            |              | 36                 |
| 2008          | 297          |              |            |              |              |                   |            |              | 297                |
| 2009          | 642          |              |            |              |              |                   |            |              | 642                |
| 2010          | 46           |              |            |              |              |                   |            |              | 46                 |
| 2011          | 91           | 9            |            |              | 253          |                   |            |              | 353                |
| 2012          | 138          | 56           | 55         | 249          | 0            |                   |            |              | 249                |
| 2013          | 257          | 361          | 61         | 679          | 276          | 79                |            | 355          | 1,034              |
| 2014          | 279          | 430          | 39         | 748          | 236          | 99                | 91         | 426          | 1,174              |
| 2015          | 265          | 376          | 58         | 699          | 250          | 107               | 46         | 403          | 1,102              |
| 2016          | 224          | 407          | 26         | 657          | 360          | 184               | 0          | 544          | 1,201              |
| 2017          | 124          | 364          | 0          | 488          | 351          | 186               | 0          | 537          | 1,025              |
| 2018          | 115          | 203          | 0          | 318          | 462          | 181               | 0          | 643          | 961                |
| 2019          | 290          | 29           | 0          | 319          | 436          | 178               | 0          | 614          | 933                |
| 2020          | 51           | 42           | 0          | 93           | 116          | 52                | 2          | 170          | 263                |
| <b>JUMLAH</b> | <b>2,862</b> | <b>2,277</b> | <b>239</b> | <b>4,250</b> | <b>2,740</b> | <b>1,066</b>      | <b>139</b> | <b>3,692</b> | <b>9,323</b>       |

**NOTA:**

- Program SLDN Biasa dan In-House adalah program SLDN yang tidak menggunakan peruntukan kerajaan.
- Program SLDN Insentif sehingga tahun 2016 adalah menggunakan peruntukan mengurus.
- Program SLDN Khas, Peningkatan Tahap dan program Modular (sehingga tahun 2015) adalah menggunakan peruntukan Pembangunan.

## 8 SLDN (sambungan)

Data Penyertaan Perantis & Syarikat bagi SLDN (Biasa, In-House & Insentif) mengikut Negeri bagi tahun 2020 sehingga tarikh berakhir 31 OGOS 2020

### SLDN - PERANTIS

c. Data perantis SLDN mengikut negeri sehingga 31 OGOS 2020

| NEGERI    | PERAK  | SELANGOR | KUALA LUMPUR | KELANTAN | PAHANG | TERENGGANU | KEDAH  | PERLIS | PULAU PINANG | JOHOR  | MELAKA | NEGERI SEMBILAN | SABAH  | SARAWAK | JUMLAH |
|-----------|--------|----------|--------------|----------|--------|------------|--------|--------|--------------|--------|--------|-----------------|--------|---------|--------|
| BULAN     | JUMLAH | JUMLAH   | JUMLAH       | JUMLAH   | JUMLAH | JUMLAH     | JUMLAH | JUMLAH | JUMLAH       | JUMLAH | JUMLAH | JUMLAH          | JUMLAH | JUMLAH  | JUMLAH |
| JANUARI   | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 20           | 0      | 0      | 0               | 0      | 0       | 20     |
| FEBRUARI  | 25     | 35       | 39           | 0        | 0      | 0          | 1      | 0      | 0            | 0      | 41     | 67              | 12     | 12      | 232    |
| MAC       | 24     | 37       | 17           | 0        | 0      | 0          | 15     | 0      | 54           | 0      | 4      | 0               | 16     | 3       | 170    |
| APRIL     | 0      | 7        | 2            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 5      | 0               | 5      | 0       | 19     |
| MEI       | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 60     | 2               | 0      | 27      | 89     |
| JUN       | 0      | 5        | 0            | 0        | 0      | 0          | 65     | 0      | 4            | 0      | 2      | 0               | 0      | 0       | 76     |
| JULAI     | 0      | 4        | 64           | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 17     | 10      | 95     |
| OGOS      | 91     | 63       | 20           | 9        | 49     | 0          | 0      | 0      | 19           | 78     | 29     | 0               | 0      | 0       | 358    |
| SEPTEMBER | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| OKTOBER   | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| NOVEMBER  | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| DISEMBER  | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| JUMLAH    | 140    | 151      | 142          | 9        | 49     | 0          | 81     | 0      | 97           | 78     | 141    | 69              | 50     | 52      | 1,059  |

### SLDN - SYARIKAT

d. Data syarikat SLDN mengikut negeri sehingga 31 OGOS 2020

| NEGERI    | PERAK  | SELANGOR | KUALA LUMPUR | KELANTAN | PAHANG | TERENGGANU | KEDAH  | PERLIS | PULAU PINANG | JOHOR  | MELAKA | NEGERI SEMBILAN | SABAH  | SARAWAK | JUMLAH |
|-----------|--------|----------|--------------|----------|--------|------------|--------|--------|--------------|--------|--------|-----------------|--------|---------|--------|
| BULAN     | JUMLAH | JUMLAH   | JUMLAH       | JUMLAH   | JUMLAH | JUMLAH     | JUMLAH | JUMLAH | JUMLAH       | JUMLAH | JUMLAH | JUMLAH          | JUMLAH | JUMLAH  | JUMLAH |
| JANUARI   | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 1            | 0      | 0      | 0               | 0      | 0       | 1      |
| FEBRUARI  | 1      | 4        | 10           | 0        | 0      | 0          | 1      | 0      | 0            | 0      | 2      | 1               | 1      | 1       | 21     |
| MAC       | 1      | 3        | 14           | 0        | 0      | 0          | 3      | 0      | 6            | 0      | 1      | 0               | 2      | 1       | 31     |
| APRIL     | 0      | 2        | 2            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 1      | 0               | 2      | 0       | 7      |
| MEI       | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 1      | 1               | 0      | 3       | 5      |
| JUN       | 0      | 3        | 0            | 0        | 0      | 0          | 1      | 0      | 1            | 0      | 1      | 0               | 0      | 0       | 6      |
| JULAI     | 0      | 3        | 0            | 0        | 0      | 0          | 1      | 0      | 1            | 0      | 1      | 0               | 0      | 0       | 6      |
| OGOS      | 5      | 9        | 5            | 1        | 1      | 0          | 0      | 0      | 3            | 6      | 2      | 0               | 0      | 0       | 32     |
| SEPTEMBER | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| OKTOBER   | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| NOVEMBER  | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| DISEMBER  | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| JUMLAH    | 7      | 24       | 31           | 1        | 1      | 0          | 6      | 0      | 12           | 6      | 9      | 2               | 5      | 5       | 109    |

## 8 SLDN (sambungan)

### SLDN KHAS, SLDN PENINGKATAN TAHAP DAN MODULAR - PERANTIS

e. Data perantis SLDN Khas, Peningkatan Tahap dan Modular mengikut negeri sehingga 31 OGOS 2020

| NEGERI    | PERAK  | SELANGOR | KUALA LUMPUR | KELANTAN | PAHANG | TERENGGANU | KEDAH  | PERLIS | PULAU PINANG | JOHOR  | MELAKA | NEGERI SEMBILAN | SABAH  | SARAWAK | JUMLAH |
|-----------|--------|----------|--------------|----------|--------|------------|--------|--------|--------------|--------|--------|-----------------|--------|---------|--------|
| BULAN     | JUMLAH | JUMLAH   | JUMLAH       | JUMLAH   | JUMLAH | JUMLAH     | JUMLAH | JUMLAH | JUMLAH       | JUMLAH | JUMLAH | JUMLAH          | JUMLAH | JUMLAH  | JUMLAH |
| JANUARI   | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| FEBRUARI  | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 15     | 0       | 15     |
| MAC       | 43     | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 15     | 30              | 0      | 0       | 88     |
| APRIL     | 142    | 100      | 29           | 115      | 0      | 40         | 0      | 0      | 0            | 0      | 0      | 0               | 173    | 46      | 645    |
| MEI       | 0      | 2        | 0            | 68       | 15     | 36         | 3      | 0      | 0            | 230    | 0      | 54              | 0      | 195     | 603    |
| JUN       | 66     | 100      | 0            | 0        | 0      | 0          | 102    | 3      | 94           | 5      | 0      | 5               | 0      | 3       | 378    |
| JULAI     | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| OGOS      | 91     | 34       | 5            | 0        | 0      | 0          | 0      | 0      | 0            | 48     | 29     | 0               | 0      | 0       | 207    |
| SEPTEMBER | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| OKTOBER   | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| NOVEMBER  | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| DISEMBER  | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| JUMLAH    | 342    | 236      | 34           | 183      | 15     | 76         | 105    | 3      | 94           | 283    | 44     | 89              | 188    | 244     | 1,936  |

### SLDN KHAS, SLDN PENINGKATAN TAHAP DAN MODULAR - SYARIKAT

f. Data syarikat SLDN Khas, Peningkatan Tahap dan Modular mengikut negeri sehingga 31 OGOS 2020

| NEGERI    | PERAK  | SELANGOR | KUALA LUMPUR | KELANTAN | PAHANG | TERENGGANU | KEDAH  | PERLIS | PULAU PINANG | JOHOR  | MELAKA | NEGERI SEMBILAN | SABAH  | SARAWAK | JUMLAH |
|-----------|--------|----------|--------------|----------|--------|------------|--------|--------|--------------|--------|--------|-----------------|--------|---------|--------|
| BULAN     | JUMLAH | JUMLAH   | JUMLAH       | JUMLAH   | JUMLAH | JUMLAH     | JUMLAH | JUMLAH | JUMLAH       | JUMLAH | JUMLAH | JUMLAH          | JUMLAH | JUMLAH  | JUMLAH |
| JANUARI   | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| FEBRUARI  | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 1      | 0       | 1      |
| MAC       | 4      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 1      | 1               | 0      | 0       | 6      |
| APRIL     | 15     | 7        | 2            | 11       | 0      | 4          | 0      | 0      | 0            | 0      | 0      | 0               | 19     | 4       | 62     |
| MEI       | 0      | 2        | 0            | 6        | 2      | 4          | 1      | 0      | 0            | 20     | 0      | 5               | 0      | 14      | 54     |
| JUN       | 2      | 8        | 0            | 0        | 0      | 0          | 12     | 1      | 5            | 1      | 0      | 1               | 0      | 1       | 31     |
| JULAI     | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| OGOS      | 5      | 3        | 1            | 0        | 0      | 0          | 0      | 0      | 0            | 5      | 2      | 0               | 0      | 0       | 16     |
| SEPTEMBER | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| OKTOBER   | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| NOVEMBER  | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| DISEMBER  | 0      | 0        | 0            | 0        | 0      | 0          | 0      | 0      | 0            | 0      | 0      | 0               | 0      | 0       | 0      |
| JUMLAH    | 26     | 20       | 3            | 17       | 2      | 8          | 13     | 1      | 5            | 26     | 3      | 7               | 20     | 19      | 170    |

**9. PENDAFTARAN SISTEM PERSIJILAN KEMAHIRAN MALAYSIA (SPKM)****a. Sistem Latihan Program Bertauliah (SLaPB)**

| NEGERI          | NCS       | MODULAR   | TAHAP 1    | TAHAP 2       | TAHAP 3       | TAHAP 4      | TAHAP 5    | JUMLAH        |
|-----------------|-----------|-----------|------------|---------------|---------------|--------------|------------|---------------|
| JOHOR           | 0         | 0         | 19         | 1186          | 2987          | 530          | 19         | <b>4741</b>   |
| KEDAH           | 1         | 0         | 67         | 863           | 1713          | 308          | 31         | <b>2983</b>   |
| KELANTAN        | 0         | 0         | 15         | 628           | 1441          | 247          | 28         | <b>2359</b>   |
| KUALA LUMPUR    | 34        | 0         | 10         | 593           | 1091          | 191          | 8          | <b>1927</b>   |
| LABUAN          | 0         | 0         | 0          | 19            | 156           | 3            | 0          | <b>178</b>    |
| MELAKA          | 1         | 0         | 3          | 396           | 1221          | 296          | 12         | <b>1929</b>   |
| NEGERI SEMBILAN | 5         | 0         | 28         | 667           | 1248          | 92           | 6          | <b>2046</b>   |
| PAHANG          | 0         | 0         | 64         | 883           | 1236          | 170          | 6          | <b>2359</b>   |
| PERAK           | 1         | 0         | 38         | 1004          | 1992          | 266          | 11         | <b>3312</b>   |
| PERLIS          | 0         | 0         | 2          | 175           | 169           | 16           | 14         | <b>376</b>    |
| PULAU PINANG    | 1         | 0         | 17         | 776           | 1271          | 352          | 9          | <b>2426</b>   |
| PUTRAJAYA       | 0         | 0         | 1          | 13            | 38            | 9            | 0          | <b>61</b>     |
| SABAH           | 2         | 0         | 2          | 1002          | 2452          | 158          | 0          | <b>3616</b>   |
| SARAWAK         | 4         | 0         | 40         | 1183          | 2143          | 305          | 0          | <b>3675</b>   |
| SELANGOR        | 2         | 15        | 67         | 2332          | 3880          | 713          | 19         | <b>7028</b>   |
| TERENGGANU      | 2         | 0         | 6          | 527           | 1120          | 124          | 9          | <b>1788</b>   |
| <b>JUMLAH</b>   | <b>53</b> | <b>15</b> | <b>379</b> | <b>12,247</b> | <b>24,158</b> | <b>3,780</b> | <b>172</b> | <b>40,804</b> |

\*Nota: Statistik adalah tidak termasuk pendaftaran calon NDT

**b. Sistem Latihan Dual Nasional (SLDN)**

| NEGERI          | TAHAP 1    | TAHAP 2      | TAHAP 3    | TAHAP 4    | TAHAP 5   | JUMLAH       |
|-----------------|------------|--------------|------------|------------|-----------|--------------|
| JOHOR           |            | 255          | 58         |            |           | <b>313</b>   |
| KEDAH           | 38         | 131          | 17         |            |           | <b>186</b>   |
| KELANTAN        | 11         | 123          | 58         |            |           | <b>192</b>   |
| KUALA LUMPUR    |            | 62           | 88         | 21         |           | <b>171</b>   |
| LABUAN          | 5          | 20           |            |            |           | <b>25</b>    |
| MELAKA          | 36         | 84           | 11         | 25         |           | <b>156</b>   |
| NEGERI SEMBILAN | 10         | 55           | 15         | 77         | 1         | <b>158</b>   |
| PAHANG          | 21         | 38           | 5          |            |           | <b>64</b>    |
| PERAK           | 135        | 210          | 46         |            |           | <b>391</b>   |
| PERLIS          |            |              | 3          |            |           | <b>3</b>     |
| PULAU PINANG    |            | 79           | 86         |            | 26        | <b>191</b>   |
| PUTRAJAYA       |            |              |            |            |           | <b>0</b>     |
| SABAH           | 5          | 139          | 69         |            |           | <b>213</b>   |
| SARAWAK         | 5          | 234          | 57         |            |           | <b>296</b>   |
| SELANGOR        |            | 210          | 112        | 16         | 15        | <b>353</b>   |
| TERENGGANU      |            | 70           | 6          |            |           | <b>76</b>    |
| <b>JUMLAH</b>   | <b>266</b> | <b>1,710</b> | <b>631</b> | <b>139</b> | <b>42</b> | <b>2,788</b> |

**c. Pengiktirafan Pencapaian Terdahulu (PPT)**

| NEGERI         | TAHAP 1    | TAHAP 2      | TAHAP 3      | TAHAP 4      | TAHAP 5    | JUMLAH       |
|----------------|------------|--------------|--------------|--------------|------------|--------------|
| JOHOR          | 39         | 224          | 507          | 63           | 10         | <b>843</b>   |
| KEDAH          | 2          | 23           | 80           | 151          | 3          | <b>259</b>   |
| KELANTAN       | 61         | 88           | 133          | 3            | 0          | <b>285</b>   |
| KL & PUTRAJAYA | 5          | 356          | 826          | 435          | 31         | <b>1,653</b> |
| LABUAN         | 0          | 0            | 11           | 1            | 0          | <b>12</b>    |
| MELAKA         | 1          | 19           | 96           | 9            | 4          | <b>129</b>   |
| N. SEMBILAN    | 1          | 154          | 230          | 37           | 7          | <b>429</b>   |
| PAHANG         | 1          | 15           | 114          | 5            | 2          | <b>137</b>   |
| PERAK          | 0          | 177          | 188          | 15           | 5          | <b>385</b>   |
| PERLIS         | 0          | 1            | 5            | 1            | 2          | <b>9</b>     |
| PULAU PINANG   | 28         | 101          | 80           | 25           | 9          | <b>243</b>   |
| SABAH          | 40         | 88           | 88           | 14           | 3          | <b>233</b>   |
| SARAWAK        | 0          | 52           | 94           | 7            | 0          | <b>153</b>   |
| SELANGOR       | 81         | 380          | 1142         | 373          | 46         | <b>2,022</b> |
| TERENGGANU     | 0          | 30           | 149          | 6            | 7          | <b>192</b>   |
| <b>JUMLAH</b>  | <b>259</b> | <b>1,708</b> | <b>3,743</b> | <b>1,145</b> | <b>129</b> | <b>6,984</b> |

**d. Ujian Tanpa Musnah (NDT)**

| NEGERI          | TAHAP 1   | TAHAP 2   | TAHAP 3  | JUMLAH    |
|-----------------|-----------|-----------|----------|-----------|
| JOHOR           | 0         | 0         | 0        | <b>0</b>  |
| KEDAH           | 0         | 0         | 0        | <b>0</b>  |
| KELANTAN        | 0         | 0         | 0        | <b>0</b>  |
| KUALA LUMPUR    | 0         | 0         | 0        | <b>0</b>  |
| LABUAN          | 0         | 0         | 0        | <b>0</b>  |
| MELAKA          | 0         | 0         | 0        | <b>0</b>  |
| NEGERI SEMBILAN | 0         | 0         | 0        | <b>0</b>  |
| PAHANG          | 0         | 13        | 0        | <b>13</b> |
| PERAK           | 0         | 0         | 0        | <b>0</b>  |
| PERLIS          | 0         | 0         | 0        | <b>0</b>  |
| PULAU PINANG    | 0         | 0         | 0        | <b>0</b>  |
| PUTRAJAYA       | 0         | 0         | 0        | <b>0</b>  |
| SABAH           | 0         | 0         | 0        | <b>0</b>  |
| SARAWAK         | 0         | 0         | 0        | <b>0</b>  |
| SELANGOR        | 25        | 9         | 0        | <b>34</b> |
| TERENGGANU      | 0         | 0         | 0        | <b>0</b>  |
| <b>JUMLAH</b>   | <b>25</b> | <b>22</b> | <b>0</b> | <b>47</b> |

**10. PERSIJILAN SISTEM PERSIJILAN KEMAHIRAN MALAYSIA (SPKM)****(ai) Sistem Latihan Program Bertauliah (SLaPB)**

| SLaPB         | Ogos 2020     |          | Tahun 2020    |           | Keseluruhan      |               |
|---------------|---------------|----------|---------------|-----------|------------------|---------------|
| Sijil         | SKM           | PC       | SKM           | PC        | SKM              | PC            |
| SKM 1         | 95            | 0        | 473           | 0         | 595,285          | 11,365        |
| SKM 2         | 5,563         | 0        | 9,904         | 0         | 666,916          | 10,571        |
| SKM 3         | 3,554         | 0        | 12,678        | 0         | 310,849          | 16,238        |
| DKM           | 9,910         | 0        | 12,876        | 0         | 75,248           | 0             |
| DLKM          | 0             | 0        | 117           | 0         | 1,681            | 0             |
| NCS           | 0             | 0        | 0             | 13        | 0                | 70            |
| Modular       | 0             | 0        | 0             | 18        | 0                | 18            |
| <b>Jumlah</b> | <b>19,122</b> | <b>0</b> | <b>36,048</b> | <b>31</b> | <b>1,649,979</b> | <b>38,262</b> |

**(aii) Ujian Tanpa Musnah (NDT)**

| NDT           | Ogos 2020    |             |                   | Tahun 2020   |             |                   | Keseluruhan  |
|---------------|--------------|-------------|-------------------|--------------|-------------|-------------------|--------------|
| Sijil         | SKM          |             |                   | SKM          |             |                   | SKM (NDT)    |
|               | Sijil Baharu | Pembaharuan | Persijilan Semula | Sijil Baharu | Pembaharuan | Persijilan Semula |              |
| SKM 1         | 8            | 9           | 6                 | 44           | 42          | 8                 | 3795         |
| SKM 2         | 11           | 6           | 0                 | 29           | 19          | 0                 | 980          |
| SKM 3         | 0            | 0           | 0                 | 2            | 1           | 0                 | 76           |
| <b>Jumlah</b> | <b>19</b>    | <b>15</b>   | <b>6</b>          | <b>75</b>    | <b>62</b>   | <b>8</b>          | <b>4,851</b> |

**(c) Sistem Latihan Dual Nasional (SLDN)**

| SLDN          | Ogos 2020  |          | Tahun 2020   |           | Keseluruhan   |              |
|---------------|------------|----------|--------------|-----------|---------------|--------------|
| Sijil         | SKM        | PC       | SKM          | PC        | SKM           | PC           |
| SKM 1         |            |          | 96           | 4         | 22,403        | 5,535        |
| SKM 2         | 92         | 2        | 1,643        | 60        | 43,347        |              |
| SKM 3         | 70         | 1        | 1,110        | 18        | 22,456        |              |
| DKM           | 3          |          | 35           | 0         | 867           |              |
| DLKM          |            |          | 0            | 0         | 93            |              |
| <b>Jumlah</b> | <b>165</b> | <b>3</b> | <b>2,884</b> | <b>82</b> | <b>89,166</b> | <b>5,535</b> |

**(d) Pengiktirafan Pencapaian Terdahulu (PPT)**

| PPT           | Ogos 2020  |          | Tahun 2020   |           | Keseluruhan    |              |
|---------------|------------|----------|--------------|-----------|----------------|--------------|
| Sijil         | SKM        | PC       | SKM          | PC        | SKM            | PC           |
| SKM 1         | 0          | 0        | 309          | 19        | 33,224         | 208          |
| SKM 2         | 9          | 0        | 1,608        | 16        | 52,783         | 360          |
| SKM 3         | 14         | 0        | 2,958        | 18        | 79,066         | 1,030        |
| DKM           | 80         |          | 1,103        | 0         | 26,980         | 2            |
| DLKM          | 7          |          | 177          | 0         | 5,410          | 1            |
| <b>Jumlah</b> | <b>110</b> | <b>0</b> | <b>6,155</b> | <b>53</b> | <b>197,463</b> | <b>1,601</b> |