

Table 1 Number of Establishments and Persons Engaged in Testing and Certification Activities, 2009-2019

		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Category A	Number of establishments	570	610	600	600	610	610	640	670	720	730	770
	Number of persons engaged	12 680	12 390	13 110	12 780	13 090	13 520	13 580	13 960	14 300	14 620	14 790
Category B	Number of establishments	70	45	45	50	50	50	45	45	40	40	40
	Number of persons engaged	890	740	670	680	680	700	670	660	550	580	590
Category C	Number of establishments	50	50	55	55	55	55	55	55	60	60	60
	Number of persons engaged	2 680	3 060	3 190	3 220	3 240	3 290	3 310	3 380	3 420	3 490	3 660
Total	Number of establishments	690	705	700	705	715	715	740	770	820	830	870
	Number of persons engaged	16 250	16 190	16 970	16 680	17 010	17 510	17 560	18 000	18 280	18 690	19 040

- Notes:
1. Category A refers to private independent establishments with their major economic activities in testing, inspection and certification services.
 2. Category B refers to in-house laboratories in large manufacturers and exporters engaging 100 persons or more.
 3. Category C refers to laboratories in Government departments / public organisations.
 4. Figures on number of establishments for Category A are rounded to the nearest ten.
 5. Figures on numbers of establishments for Category B and Category C are rounded to the nearest five.
 6. Figures on number of persons engaged are rounded to the nearest ten.
 7. Figures may not add up to the corresponding totals due to rounding.
 8. Data are provided by Census and Statistics Department.

**Table 2 Private Independent Establishments with Major Economic Activities
in Testing, Inspection and Certification Services
- Principal Statistics, 2009-2019**

Principal Statistics	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Number of establishments	570	610	600	600	610	610	640	670	720	730	770
Number of persons engaged	12 680	12 390	13 110	12 780	13 090	13 520	13 580	13 960	14 300	14 620	14 790
Business receipts (HK\$Million)	8,622	8,897	10,780	10,876	11,828	13,021	13,959	14,138	15,021	15,550	14,947
Industry value added* (HK\$Million)	5,081	5,157	5,368	5,827	6,011	6,491	7,017	7,325	7,516	7,675	7,338

- Notes:
- * Measure direct economic contribution (Value of output minus value of goods and services used in the production).
Prior to the reference year of 2019, the above statistics were referred as "value added". Industry value added statistics are compiled directly from data collected in the Annual Survey of Economic Activities. They are broadly similar to the value added statistics published under the Gross Domestic Product framework.
 - Figures on number of establishments and persons engaged are rounded to the nearest ten.
 - Data are provided by Census and Statistics Department.

**Table 3 Private Independent Establishments with Major Economic Activities
in Testing, Inspection and Certification Services
- Business Receipts by Type of Services, 2009-2019**

HK\$Million

Type of Services	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Testing	5,972	6,036	6,729	7,225	8,237	8,850	9,626	9,652	9,901	10,131	9,778
Inspection	1,316	1,686	1,656	1,967	1,754	1,879	1,854	2,590	2,851	2,703	2,484
Certification	517	385	395	325	326	293	200	232	394	479	488
Other services receipts	658	651	539	372	430	404	323	198	315	466	314
Other business receipts	160	139	1,461	987	1,080	1,595	1,957	1,467	1,560	1,770	1,884
Total	8,622	8,897	10,780	10,876	11,828	13,021	13,959	14,138	15,021	15,550	14,947

- Notes:
1. Other services receipts include receipts arising from rendering consultancy services and management fees.
 2. Other business receipts include mainly dividends.
 3. Figures may not add up to the corresponding totals due to rounding.
 4. Data are provided by Census and Statistics Department.

**Table 4 Private Independent Establishments with Major Economic Activities
in Testing, Inspection and Certification Services
- Business Receipts from Rendering Testing Services by Type of Products/Services Tested, 2009-2019**

HK\$Million

Type of Products / Services	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Textiles, clothing and footwear	1,418	1,611	1,436	1,580	1,737	1,803	1,616	1,706	1,672	1,631	1,629
Toys and games	1,450	1,559	1,640	1,723	2,017	2,147	1,902	1,899	2,094	2,069	2,129
Medical testing	1,212	1,298	1,394	1,589	1,583	1,884	2,406	2,806	3,084	3,182	2,734
Electrical products and telecommunications equipment	822	526	887	900	1,142	1,296	1,393	1,421	1,418	1,441	1,436
Construction materials*	-	-	-	-	-	987	1,577	1,125	976	1,011	967
Others	1,070	1,041	1,372	1,433	1,758	733	733	694	657	797	882
Total	5,972	6,036	6,729	7,225	8,237	8,850	9,626	9,652	9,901	10,131	9,778

- Notes:
- * Business receipts from rendering construction materials testing were included in "Others" from 2009 to 2013.
 - An establishment may render testing services for more than one type of product/service.
 - Figures may not add up to the corresponding totals due to rounding.
 - Data are provided by Census and Statistics Department.

**Table 5 Private Independent Establishments with Major Economic Activities
in Testing, Inspection and Certification Services
- Business Receipts by Size of Establishment, 2009-2019**

HK\$Million

Size of Establishment in Terms of Number of Persons Engaged	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Less than 50	2,236	2,156	2,617	2,956	2,861	3,437	4,293	3,907	4,829	5,188	4,870
50 or above	6,386	6,741	8,163	7,920	8,966	9,583	9,666	10,231	10,192	10,361	10,077
Total	8,622	8,897	10,780	10,876	11,828	13,021	13,959	14,138	15,021	15,550	14,947

- Notes:
1. Figures may not add up to the corresponding totals due to rounding.
 2. Data are provided by Census and Statistics Department.

**Table 6 Private Independent Establishments with Major Economic Activities
in Testing, Inspection and Certification Services
- Number of Establishments and Persons Engaged by Size of Establishment, 2009-2019**

Size of Establishment in Terms of Number of Persons Engaged	2009		2010		2011		2012		2013		2014	
	Number of Establishments	Number of Persons Engaged	Number of Establishments	Number of Persons Engaged	Number of Establishments	Number of Persons Engaged	Number of Establishments	Number of Persons Engaged	Number of Establishments	Number of Persons Engaged	Number of Establishments	Number of Persons Engaged
Less than 50	530	3 930	580	3 460	570	3 980	570	3 620	580	3 880	570	4 060
50-99	20	1 100	20	980	10	980	10	820	10	1 040	10	960
100 or above	20	7 650	20	7 940	20	8 150	20	8 330	20	8 180	20	8 500
Total	570	12 680	610	12 390	600	13 110	600	12 780	610	13 090	610	13 520

Size of Establishment in Terms of Number of Persons Engaged	2015		2016		2017		2018		2019	
	Number of Establishments	Number of Persons Engaged	Number of Establishments	Number of Persons Engaged	Number of Establishments	Number of Persons Engaged	Number of Establishments	Number of Persons Engaged	Number of Establishments	Number of Persons Engaged
Less than 50	600	3 770	630	3 750	670	3 690	690	5 050	730	5 670
50-99	20	1 140	10	820	20	1 470	10	1 130	10	760
100 or above	20	8 670	30	9 390	30	9 140	30	8 440	30	8 370
Total	640	13 580	670	13 960	720	14 300	730	14 620	770	14 790

- Notes:
1. Figures on number of establishments and persons engaged are rounded to the nearest ten.
 2. Figures may not add up to the corresponding totals due to rounding.
 3. Data are provided by Census and Statistics Department.

**Table 7 Private Independent Establishments with Major Economic Activities
in Testing, Inspection and Certification Services
- Number of Persons Engaged by Occupation, 2010-2019[^]**

Occupation	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Professional staff providing testing, inspection and certification services	2 840	3 150	2 750	2 830	2 880	2 820	2 810	2 970	3 070	3 120
Associate professional staff providing testing, inspection and certification services	3 380	3 070	3 010	3 060	3 010	3 510	3 680	3 780	3 870	4 000
Other staff [#]	6 170	6 890	7 020	7 200	7 640	7 260	7 470	7 550	7 670	7 670
Total	12 390	13 110	12 780	13 090	13 520	13 580	13 960	14 300	14 620	14 790

- Notes:
1. [^] Figures in 2009 are not available.
 2. Professional staff refer to those staff engaging in the practical application of scientific concepts and theories, e.g. physicists, biologists, chemists, biochemists, etc.
 3. Associate professional staff refer to those staff assuming operational responsibility and giving technical support to professionals in engineering and natural sciences, e.g. life science technicians, medical science technicians, medical laboratory technicians, etc.
 4. [#] Including managers and administrators; other professional and associate professional staff; sales workers; and other staff.
 5. Figures on number of persons engaged are rounded to the nearest ten.
 6. Figures may not add up to the corresponding totals due to rounding.
 7. Data are provided by Census and Statistics Department.

**Table 8 Private Independent Establishments with Major Economic Activities
in Testing, Inspection and Certification Services
- Professional Staff Whose Major Duty was to Carry Out
Testing, Inspection and Certification Services by Educational Attainment, 2010- 2019^**

Educational Attainment	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Postgraduate	330	330	330	320	320	460	450	460	460	460
Degree	1 650	1 950	1 510	1 610	1 710	1 550	1 530	1 690	1 780	1 840
Sub-degree	160	310	310	350	320	240	280	260	300	280
Diploma/Certificate	550	530	430	400	360	290	320	370	380	370
Craft Courses and Others	150	40	170	150	160	280	230	200	160	170
Total	2 840	3 150	2 750	2 830	2 880	2 820	2 810	2 970	3 070	3 120

- Notes:
1. ^ Figures in 2009 are not available.
 2. Professional staff refer to those staff engaging in the practical application of scientific concepts and theories, e.g. physicists, biologists, chemists, biochemists, etc.
 3. Figures on number of persons engaged are rounded to the nearest ten.
 4. Figures may not add up to the corresponding totals due to rounding.
 5. Data are provided by Census and Statistics Department.

**Table 9 Private Independent Establishments with Major Economic Activities
in Testing, Inspection and Certification Services
- Associate Professional Staff Whose Major Duty was to Carry Out
Testing, Inspection and Certification Services by Educational Attainment, 2010- 2019^**

Educational Attainment	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Postgraduate	100	50	60	60	60	70	70	70	70	70
Degree	840	780	470	550	580	670	700	640	700	680
Sub-degree	210	380	330	300	360	290	260	240	240	230
Diploma/Certificate	990	880	1 040	1 040	1 040	960	1 090	1 340	1 440	1 470
Craft Courses and Others	1 250	970	1 100	1 110	970	1 520	1 560	1 500	1 420	1 550
Total	3 380	3 070	3 010	3 060	3 010	3 510	3 680	3 780	3 870	4 000

- Notes:
1. ^ Figures in 2009 are not available.
 2. Associate professional staff refer to those staff assuming operational responsibility and giving technical support to professionals in engineering and natural sciences, e.g. life science technicians, medical science technicians, medical laboratory technicians, etc.
 3. Figures on number of persons engaged are rounded to the nearest ten.
 4. Figures may not add up to the corresponding totals due to rounding.
 5. Data are provided by Census and Statistics Department.