

**Table 1 Number of Establishments and Persons Engaged in Testing and Certification Activities, 2009-2022**

Year	Category A		Category B		Category C		Total	
	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
<b>2009</b>	570	12 680	70	890	50	2 680	<b>690</b>	<b>16 250</b>
<b>2010</b>	610	12 390	45	740	50	3 060	<b>705</b>	<b>16 190</b>
<b>2011</b>	600	13 110	45	670	55	3 190	<b>700</b>	<b>16 970</b>
<b>2012</b>	600	12 780	50	680	55	3 220	<b>705</b>	<b>16 680</b>
<b>2013</b>	610	13 090	50	680	55	3 240	<b>715</b>	<b>17 010</b>
<b>2014</b>	610	13 520	50	700	55	3 290	<b>715</b>	<b>17 510</b>
<b>2015</b>	640	13 580	45	670	55	3 310	<b>740</b>	<b>17 560</b>
<b>2016</b>	670	13 960	45	660	55	3 380	<b>770</b>	<b>18 000</b>
<b>2017</b>	720	14 300	40	550	60	3 420	<b>820</b>	<b>18 280</b>
<b>2018</b>	730	14 620	40	580	60	3 490	<b>830</b>	<b>18 690</b>
<b>2019</b>	770	14 790	40	590	60	3 660	<b>870</b>	<b>19 040</b>
<b>2020</b>	800	15 110	45	660	60	3 800	<b>905</b>	<b>19 560</b>
<b>2021</b>	820	15 270	45	660	60	4 040	<b>925</b>	<b>19 970</b>
<b>2022</b>	850	15 060	40	630	60	4 050	<b>950</b>	<b>19 730</b>

- 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 10.  
5. Figures on numbers of establishments for Category B and Category C are rounded to the nearest 5.  
6. Figures on number of persons engaged are rounded to the nearest 10.  
7. Figures are rounded to the nearest 5 or 10 and 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, 2009-2022**

Year	Principal Statistics			
	Number of establishments	Number of persons engaged	Business receipts (HK\$Million)	Industry value added* (HK\$Million)
2009	570	12 680	8,622	5,081
2010	610	12 390	8,897	5,157
2011	600	13 110	10,780	5,368
2012	600	12 780	10,876	5,827
2013	610	13 090	11,828	6,011
2014	610	13 520	13,021	6,491
2015	640	13 580	13,959	7,017
2016	670	13 960	14,138	7,325
2017	720	14 300	15,021	7,516
2018	730	14 620	15,550	7,675
2019	770	14 790	14,947	7,338
2020	800	15 110	14,925	6,714
2021	820	15 270	20,030	9,285
2022	850	15 060	24,899	10,887

- Notes: 1. \* Measure direct economic contribution (Value of output minus value of goods and services used in the production).  
2. In 2020-2022, business receipts also include the amount of subsidy related to anti-epidemic measures.  
3. Figures on number of establishments and persons engaged are rounded to the nearest 10.  
4. 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, 2009-2022**

HK\$Million

Year	Type of Services					
	Testing	Inspection	Certification	Other services receipts	Other business receipts	Total
2009	5,972	1,316	517	658	160	8,622
2010	6,036	1,686	385	651	139	8,897
2011	6,729	1,656	395	539	1,461	10,780
2012	7,225	1,967	325	372	987	10,876
2013	8,237	1,754	326	430	1,080	11,828
2014	8,850	1,879	293	404	1,595	13,021
2015	9,626	1,854	200	323	1,957	13,959
2016	9,652	2,590	232	198	1,467	14,138
2017	9,901	2,851	394	315	1,560	15,021
2018	10,131	2,703	479	466	1,770	15,550
2019	9,778	2,484	488	314	1,884	14,947
2020	9,631	2,237	487	308	2,261	14,925
2021	15,000	2,196	510	349	1,975	20,030
2022	19,128	2,127	576	446	2,622	24,899

- Notes: 1. Other services receipts include receipts arising from rendering consultancy services and management fees.  
2. Other business receipts include mainly dividends. It also includes the amount of subsidy related to anti-epidemic measures in 2020-2022.  
3. Figures may not add up to the total 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, 2009-2022**

HK\$Million

Year	Type of Products / Services						Total
	Textiles, clothing and footwear	Toys and games	Medical testing	Electrical products and telecommunications equipment	Construction materials*	Others	
2009	1,418	1,450	1,212	822	-	1,070	5,972
2010	1,611	1,559	1,298	526	-	1,041	6,036
2011	1,436	1,640	1,394	887	-	1,372	6,729
2012	1,580	1,723	1,589	900	-	1,433	7,225
2013	1,737	2,017	1,583	1,142	-	1,758	8,237
2014	1,803	2,147	1,884	1,296	987	733	8,850
2015	1,616	1,902	2,406	1,393	1,577	733	9,626
2016	1,706	1,899	2,806	1,421	1,125	694	9,652
2017	1,672	2,094	3,084	1,418	976	657	9,901
2018	1,631	2,069	3,182	1,441	1,011	797	10,131
2019	1,629	2,129	2,734	1,436	967	882	9,778
2020	1,264	1,513	3,738	1,206	876	1,034	9,631
2021	1,460	1,712	8,501	1,366	946	1,016	15,000
2022	1,407	1,677	12,825	1,346	886	987	19,128

Notes: 1. \* Business receipts from rendering construction materials testing were included in "Others" from 2009 to 2013.

2. An establishment may render testing services for more than one type of product / service.
3. Figures may not add up to the total due to rounding.
4. 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, 2009-2022**

HK\$Million

Year	Size of Establishment in Terms of Number of Persons Engaged		
	Less than 50	50 or above	Total
2009	2,236	6,386	8,622
2010	2,156	6,741	8,897
2011	2,617	8,163	10,780
2012	2,956	7,920	10,876
2013	2,861	8,966	11,828
2014	3,437	9,583	13,021
2015	4,293	9,666	13,959
2016	3,907	10,231	14,138
2017	4,829	10,192	15,021
2018	5,188	10,361	15,550
2019	4,870	10,077	14,947
2020	4,493	10,432	14,925
2021	6,067	13,962	20,030
2022	7,561	17,337	24,899

Notes: 1. In 2020-2022, business receipts also include the amount of subsidy related to anti-epidemic measures.

2. Figures may not add up to the total due to rounding.

3. 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, 2009-2022**

Year	Size of Establishment in Terms of Number of Persons Engaged							
	Less than 50		50-99		100 or above		Total	
	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
2009	530	3 930	20	1 100	20	7 650	570	12 680
2010	580	3 460	20	980	20	7 940	610	12 390
2011	570	3 980	10	980	20	8 150	600	13 110
2012	570	3 620	10	820	20	8 330	600	12 780
2013	580	3 880	10	1 040	20	8 180	610	13 090
2014	570	4 060	10	960	20	8 500	610	13 520
2015	600	3 770	20	1 140	20	8 670	640	13 580
2016	630	3 750	10	820	30	9 390	670	13 960
2017	670	3 690	20	1 470	30	9 140	720	14 300
2018	690	5 050	10	1 130	30	8 440	730	14 620
2019	730	5 670	10	760	30	8 370	770	14 790
2020	760	5 370	20	1 280	30	8 450	800	15 110
2021	770	5 760	20	1 670	30	7 850	820	15 270
2022	800	5 600	30	1 690	30	7 760	850	15 060

Notes: 1. Figures on number of establishments and persons engaged are rounded to the nearest 10 and may not add up to the corresponding totals due to rounding.  
2. 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, 2010-2022<sup>^</sup>**

Year	Occupation			
	Professional staff providing testing, inspection and certification services	Associate professional staff providing testing, inspection and certification services	Other staff <sup>#</sup>	Total
2010	2 840	3 380	6 170	12 390
2011	3 150	3 070	6 890	13 110
2012	2 750	3 010	7 020	12 780
2013	2 830	3 060	7 200	13 090
2014	2 880	3 010	7 640	13 520
2015	2 820	3 510	7 260	13 580
2016	2 810	3 680	7 470	13 960
2017	2 970	3 780	7 550	14 300
2018	3 070	3 870	7 670	14 620
2019	3 120	4 000	7 670	14 790
2020	3 160	4 030	7 920	15 110
2021	3 210	4 090	7 970	15 270
2022	3 200	4 050	7 810	15 060

Notes: 1. <sup>^</sup> 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. # Include managers and administrators; other professional and associate professional staff and sales workers.
5. Figures on number of persons engaged are rounded to the nearest 10 and may not add up to the total due to rounding.
6. 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, 2010-2022<sup>^</sup>**

Year	Educational Attainment					
	Postgraduate	Degree	Sub-degree	Diploma/Certificate	Craft Courses and Others	Total
<b>2010</b>	330	1 650	160	550	150	<b>2 840</b>
<b>2011</b>	330	1 950	310	530	40	<b>3 150</b>
<b>2012</b>	330	1 510	310	430	170	<b>2 750</b>
<b>2013</b>	320	1 610	350	400	150	<b>2 830</b>
<b>2014</b>	320	1 710	320	360	160	<b>2 880</b>
<b>2015</b>	460	1 550	240	290	280	<b>2 820</b>
<b>2016</b>	450	1 530	280	320	230	<b>2 810</b>
<b>2017</b>	460	1 690	260	370	200	<b>2 970</b>
<b>2018</b>	460	1 780	300	380	160	<b>3 070</b>
<b>2019</b>	460	1 840	280	370	170	<b>3 120</b>
<b>2020</b>	470	1 830	290	400	170	<b>3 160</b>
<b>2021</b>	490	1 820	310	400	190	<b>3 210</b>
<b>2022</b>	470	1 770	330	430	200	<b>3 200</b>

Notes: 1. <sup>^</sup> 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 10 and may not add up to the total due to rounding.
4. 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, 2010-2022<sup>^</sup>**

Year	Educational Attainment					Total
	Postgraduate	Degree	Sub-degree	Diploma/Certificate	Craft Courses and Others	
<b>2010</b>	100	840	210	990	1 250	<b>3 380</b>
<b>2011</b>	50	780	380	880	970	<b>3 070</b>
<b>2012</b>	60	470	330	1 040	1 100	<b>3 010</b>
<b>2013</b>	60	550	300	1 040	1 110	<b>3 060</b>
<b>2014</b>	60	580	360	1 040	970	<b>3 010</b>
<b>2015</b>	70	670	290	960	1 520	<b>3 510</b>
<b>2016</b>	70	700	260	1 090	1 560	<b>3 680</b>
<b>2017</b>	70	640	240	1 340	1 500	<b>3 780</b>
<b>2018</b>	70	700	240	1 440	1 420	<b>3 870</b>
<b>2019</b>	70	680	230	1 470	1 550	<b>4 000</b>
<b>2020</b>	80	700	250	1 460	1 540	<b>4 030</b>
<b>2021</b>	80	710	270	1 480	1 550	<b>4 090</b>
<b>2022</b>	70	740	300	1 450	1 490	<b>4 050</b>

Notes: 1. <sup>^</sup> 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 10 and may not add up to the total due to rounding.
4. Data are provided by Census and Statistics Department.