

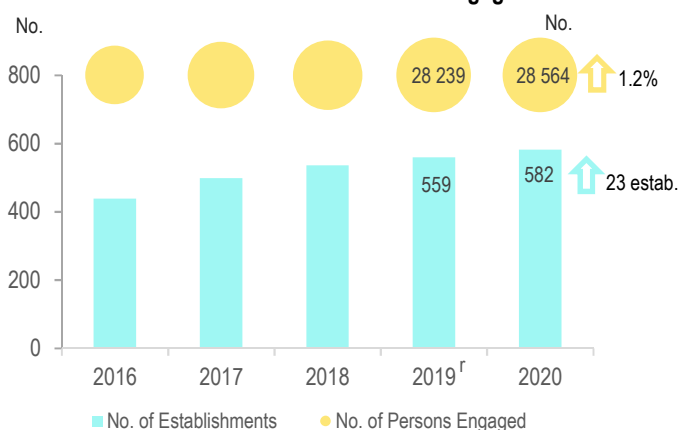
- Establishments engaged in Cleaning Services increased year-on-year; numbers of those engaged in Property Management and Security Services stayed unchanged, whereas establishments operating in Advertising and Conference & Exhibition Organising Services decreased. With respect to number of persons engaged, Property Management and Security Services saw a year-on-year rise, while the remaining industries registered a drop.
- Receipts and expenditure of Property Management Services recorded year-on-year growth whereas those of the remaining four industries showed varying degrees of decline. Gross Surplus of Property Management Services rose year-on-year, while that of Cleaning and Security Services decreased. In addition, Advertising and Conference & Exhibition Organising Services posted a deficit.
- Gross Value Added, which measures the sectoral contribution to the economy, of Property Management Services increased year-on-year, whereas that of the remaining four industries declined. In terms of Gross Fixed Capital Formation, Cleaning Services recorded a year-on-year growth attributable to the purchase of assets such as property; by contrast, other industries saw a decrease.

Property Management, Security and Cleaning Services

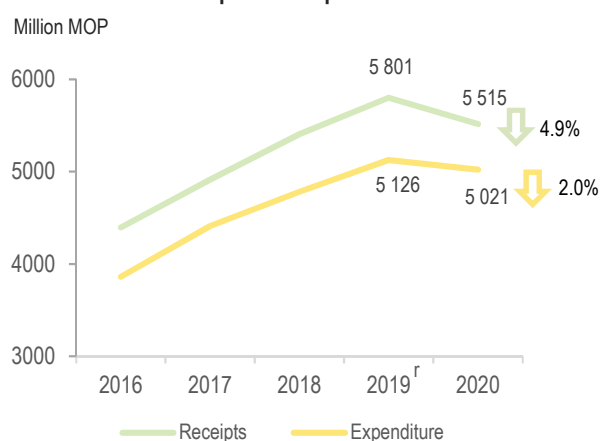
Principal Indicators

	Total		Property Management		Security		Cleaning	
	2020	YoY(%)	2020	YoY(%)	2020	YoY(%)	2020	YoY(%)
Establishments (No.)	582	23 estab.	236	-	60	-	286	23 estab.
Persons Engaged (No.)	28 564	1.2	7 791	4.1	11 439	0.3	9 335	-0.1
Receipts (Million MOP)	5 515	-4.9	2 010	2.5	2 269	-7.8	1 236	-10.4
Expenditure	5 021	-2.0	1 824	2.5	2 054	-3.0	1 144	-7.0
Compensation of Employees	3 797	-1.3	981	5.5	1 893	-1.6	924	-7.3
Operating Expenses	840	-3.0	604	-0.5	87	-15.8	148	-4.4
Purchase of Goods, Outsourcing & Commission	384	-6.6	239	-1.6	73	-18.1	72	-8.9
Gross Value Added	4 291	-5.1	1 166	5.1	2 109	-7.1	1 016	-11.2
Gross Fixed Capital Formation	32	-33.8	11	-55.0	2	-75.3	18	39.4
Gross Surplus	494	-26.7	186	3.3	216	-37.5	92	-37.9
Gross Surplus Ratio (%)	9.0	-2.6 p.p.	9.2	-	9.5	-4.5 p.p.	7.5	-3.3 p.p.
Gross Surplus-Expenditure Ratio (%)	9.8	-3.4 p.p.	10.2	0.1 p.p.	10.5	-5.8 p.p.	8.1	-4.0 p.p.
Average Value Added per Person Engaged ('000 MOP)	150	-6.2	150	0.9	184	-7.3	109	-11.1

No. of Establishments and Persons Engaged



Receipts and Expenditures



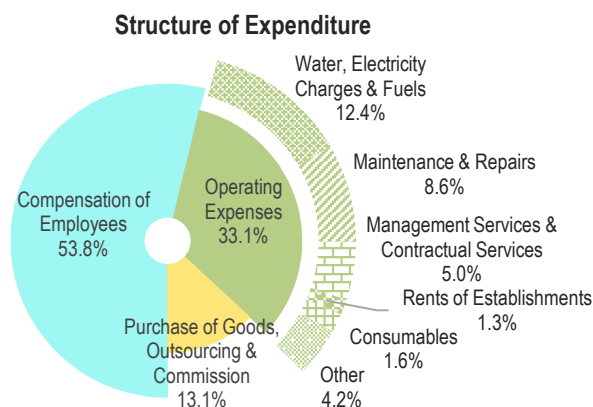
- Establishments providing Property Management, Security and Cleaning services totalled 582, representing an increase of 23 year-on-year; total number of persons engaged rose by 325 to 28,564. Total receipts and expenditure of these three industries dropped by 4.9% and 2.0% year-on-year respectively.
- Gross Surplus fell by 26.7% year-on-year. Gross Surplus Ratio (9.0%) and Gross Surplus-Expenditure Ratio (9.8%) decreased by 2.6 percentage points and 3.4 percentage points respectively. Gross Value Added recorded a dip of 5.1% year-on-year.

Property Management Services

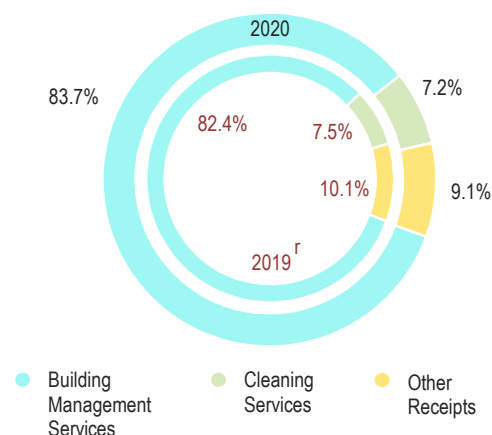
- Number of establishments providing Property Management services was 236, the same as in 2019. There were 7,791 persons engaged, up by 309 year-on-year.

Receipts of the industry went up by 2.5% year-on-year, driven by a 4.2% growth in receipts from building management services. Expenditure grew by 2.5% year-on-year, with Compensation of Employees rising by 5.5% and its proportion of expenditure growing by 1.5 percentage points to 53.8%; Operating Expenses edged down by 0.5% while Purchase of Goods, Outsourcing & Commission dropped by 1.6%.

Within Operating Expenses, except expenditure on water, electricity & fuels (-9.3%) and uniforms (-13.2%), all other items of expenses increased year-on-year, with expenditure on management services & contractual services rising by 13.0%.



Structure of Receipts



- Gross Surplus of the industry grew by 3.3% year-on-year. Gross Surplus Ratio (9.2%) remained unchanged year-on-year while Gross Surplus-Expenditure Ratio (10.2%) inched up by 0.1 percentage point. Gross Value Added that reflects the industry's contribution to the economy went up by 5.1% year-on-year.
- Gross Fixed Capital Formation of the industry contracted by 55.0% year-on-year, on account of a reduction in the purchase of assets such as building units by some establishments.

Historical Data

	2015	2016	2017	2018	2019 ^r
Establishments (No.)	210	218	231	239	236
Persons Engaged (No.)	5 182	5 447	6 794	6 875	7 482
Receipts (Million MOP)	1 319	1 447	1 770	1 861	1 960
Expenditure	1 062	1 200	1 559	1 688	1 780
Gross Value Added	793	874	1 011	998	1 110
Gross Fixed Capital Formation	229	20	17	21	25
Gross Surplus	257	247	211	173	180
Gross Surplus Ratio (%)	19.5	17.1	11.9	9.3	9.2
Gross Surplus-Expenditure Ratio (%)	24.2	20.6	13.6	10.2	10.1

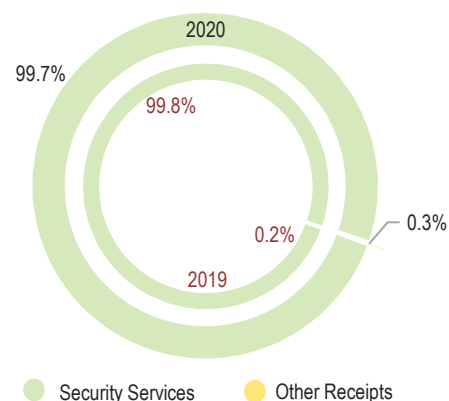
Security Services

- A total of 60 establishments were operating in Security Services, the same as in 2019. Number of persons engaged nudged up by 29 year-on-year to 11,439.

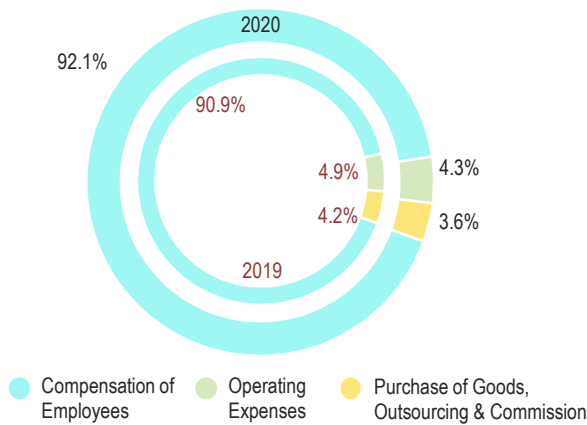
Among the receipts of the industry, 99.7% were generated from provision of security services. As the demand for security services was affected by the slowdown in economic activity, receipts of the industry fell by 7.8% year-on-year. Expenditure dropped by 3.0% year-on-year, of which Compensation of Employees went down by 1.6%, whereas Operating Expenses and Purchase of Goods, Outsourcing & Commission declined by 15.8% and 18.1% respectively. As the decrease in Compensation of Employees was relatively small, its proportion of expenditure rose by 1.2 percentage points to 92.1%.

As regards Operating Expenses, expenditure on management services & contractual services and professional & consulting services slid by 22.9% and 20.6% year-on-year respectively, whereas rents of establishments edged up by 0.5%.

Structure of Receipts



Structure of Expenditure



- Gross Surplus of Security Services shrank by 37.5% year-on-year. Gross Surplus Ratio (9.5%) and Gross Surplus-Expenditure Ratio (10.5%) dropped by 4.5 percentage points and 5.8 percentage points respectively, indicating that the industry was less capable to convert receipts into Gross Surplus and was less cost-effective compared to 2019. Gross Value Added decreased by 7.1% year-on-year.

In view of a reduction in purchase of assets such as large machinery and equipment by some establishments, Gross Fixed Capital Formation of the industry contracted by 75.3% year-on-year.

Historical Data

	2015	2016	2017	2018	2019 ^r
Establishments (No.)	39	45	54	59	60
Persons Engaged (No.)	9 038	9 187	9 762	10 485	11 410
Receipts (Million MOP)	1 703	1 886	1 980	2 251	2 462
Expenditure	1 542	1 708	1 800	1 979	2 117
Gross Value Added	1 562	1 723	1 844	2 047	2 269
Gross Fixed Capital Formation	12	12	7	23	10
Gross Surplus	162	177	180	272	346
Gross Surplus Ratio (%)	9.5	9.4	9.1	12.1	14.0
Gross Surplus-Expenditure Ratio (%)	10.5	10.4	10.0	13.7	16.3

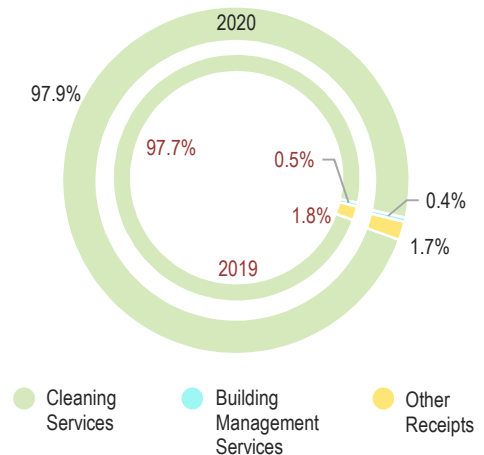
Cleaning Services

- Number of establishments engaged in Cleaning Services increased by 23 year-on-year to 286, while number of persons engaged edged down by 12 to 9,335.

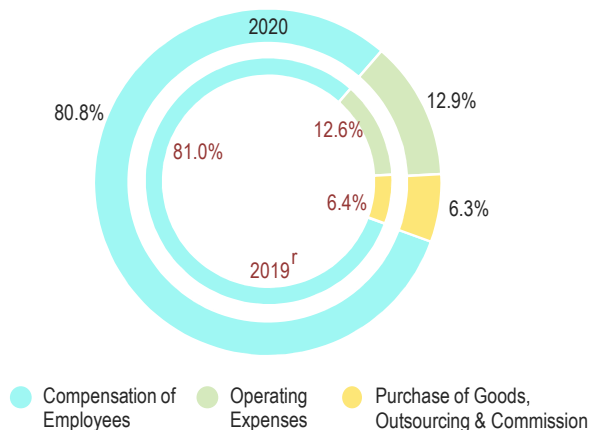
Receipts of the industry dropped by 10.4% year-on-year, of which 97.9% were generated from provision of cleaning services. Expenditure went down by 7.0% year-on-year, with Compensation of Employees, Operating Expenses and Purchase of Goods, Outsourcing and Commission showing decreases of less than 10%.

In terms of Operating Expenses, expenditure on consumables, the main item of expenses, dipped by 2.6% year-on-year, while that on management services & contractual services and rents of establishments fell by 6.3% and 7.7% respectively. Yet, expenses on maintenance & repairs recorded an uplift of 33.1%.

Structure of Receipts



Structure of Expenditure



- In view of a fall in receipts from cleaning services, the primary business of the industry, Gross Surplus registered a decline of 37.9% year-on-year. Gross Surplus Ratio (7.5%) and Gross Surplus-Expenditure Ratio (8.1%) dropped by 3.3 percentage points and 4.0 percentage points respectively. Gross Value Added went down by 11.2% year-on-year.

Gross Fixed Capital Formation of the industry rose by 39.4% year-on-year, underpinned by the purchase of assets such as property.

Historical Data

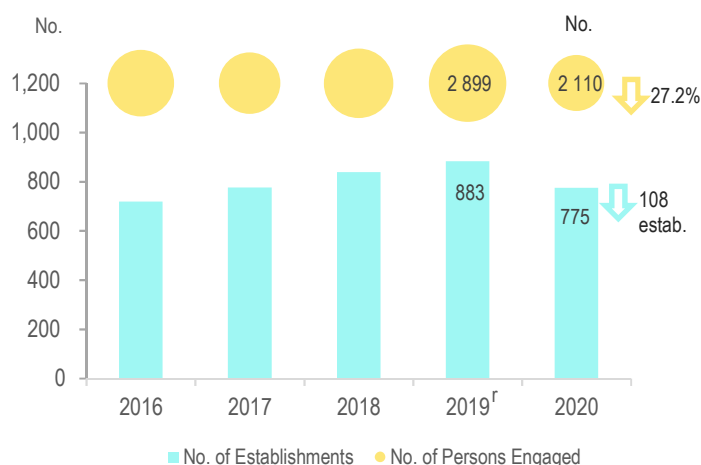
	2015	2016	2017	2018	2019 ^r
Establishments (No.)	162	175	213	238	263
Persons Engaged (No.)	7 048	8 081	8 798	9 431	9 347
Receipts (Million MOP)	944	1 063	1 163	1 296	1 379
Expenditure	821	953	1 053	1 117	1 230
Gross Value Added	797	894	956	1 101	1 145
Gross Fixed Capital Formation	15	5	11	26	13
Gross Surplus	123	111	110	180	149
Gross Surplus Ratio (%)	13.0	10.4	9.5	13.9	10.8
Gross Surplus-Expenditure Ratio (%)	15.0	11.6	10.4	16.1	12.1

Advertising and Conference & Exhibition Organising Services

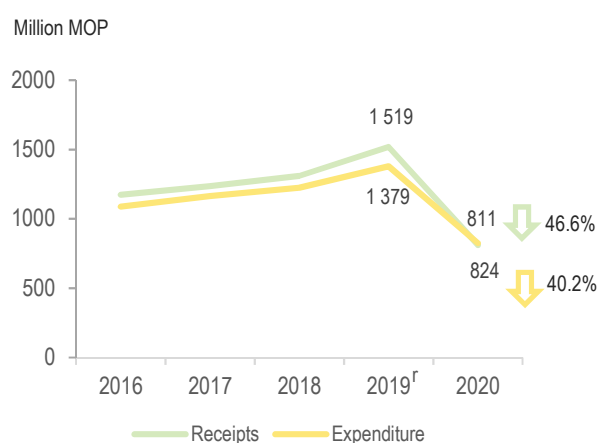
Principal Indicators

	Total		Advertising		Conference & Exhibition Organising	
	2020	YoY (%)	2020	YoY (%)	2020	YoY (%)
Establishments (No.)	775	-108 estab.	666	-91 estab.	109	-17 estab.
Persons Engaged (No.)	2 110	-27.2	1 657	-30.2	453	-14.0
Receipts (Million MOP)	811	-46.6	523	-41.7	288	-53.7
Expenditure	824	-40.2	533	-35.0	291	-47.9
Compensation of Employees	273	-29.7	194	-31.5	80	-25.1
Operating Expenses	141	-25.2	101	-22.0	41	-32.3
Purchase of Goods, Outsourcing & Commission	410	-48.9	239	-41.6	171	-56.4
Gross Value Added	259	-50.8	183	-48.7	76	-55.0
Gross Fixed Capital Formation	- 6	..	- 7	..	2	-84.1
Gross Surplus	- 14	..	- 11	..	- 4	..
Gross Surplus Ratio (%)	-1.7	..	-2.0	..	-1.3	..
Gross Surplus-Expenditure Ratio (%)	-1.7	..	-2.0	..	-1.2	..
Average Value Added per Person Engaged ('000 MOP)	123	-32.3	111	-26.6	168	-47.7

No. of Establishments and Persons Engaged



Receipts and Expenditures



- A total of 775 establishments were engaged in Advertising and Conference & Exhibition Organising Services, a decrease of 108 year-on-year; number of persons engaged dropped by 789 to 2,110. Receipts and expenditure of these two industries fell by 46.6% and 40.2% year-on-year respectively.

- With expenditure exceeding receipts, establishments engaged in Advertising and Conference & Exhibition Organising Services posted a deficit of MOP14.17 million. Gross Surplus Ratio and Gross Surplus-Expenditure Ratio registered negative values. Gross Value Added reflecting the contribution of the two industries to the economy tumbled by 50.8% year-on-year.

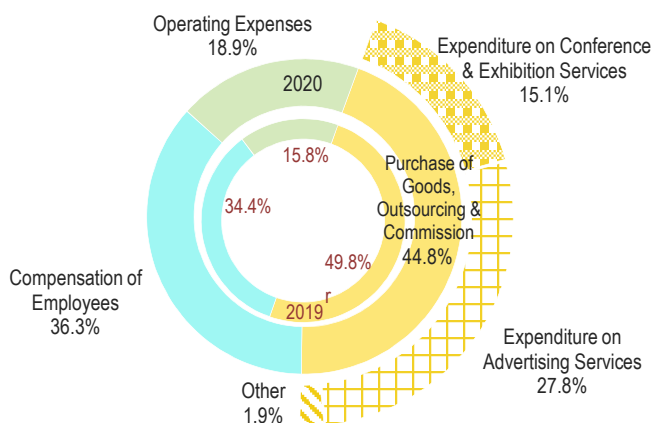
Advertising Industry

- There were 666 establishments operating in the Advertising industry, down by 91 year-on-year; number of persons engaged decreased by 715 to 1,657, with employees accounting for 70.2% (1,164) of the total.

As a number of large events were suspended or cancelled during the year, along with a decrease in advertising spending across industries, receipts of the Advertising industry plunged by 41.7% year-on-year. Receipts from advertising services dropped by 39.1% year-on-year, and yet their proportion of total receipts rose by 2.9 percentage points as receipts from conference & exhibition services and other receipts saw a steep decline.

Expenditure of the industry showed a year-on-year fall of 35.0%, with Purchase of Goods, Outsourcing & Commission, Compensation of Employees and Operating Expenses declining by 41.6%, 31.5% and 22.0% respectively.

Structure of Expenditure



Historical Data

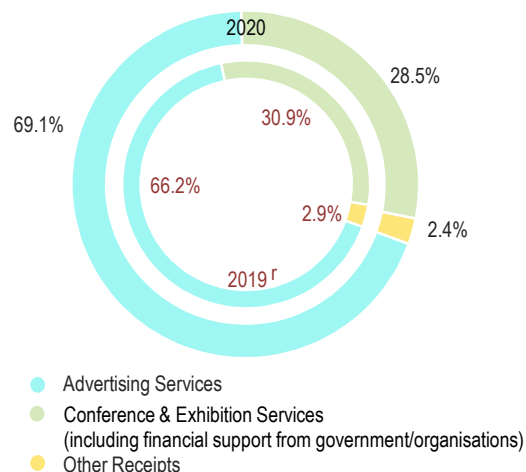
	2015	2016	2017	2018	2019 ^r
Establishments (No.)	601	639	678	726	757
Persons Engaged (No.)	2 182	2 144	1 871	2 140	2 372
Receipts (Million MOP)	917	785	868	841	897
Expenditure	804	744	813	789	820
Gross Value Added	335	277	300	315	357
Gross Fixed Capital Formation	60	17	27	14	16
Gross Surplus	110	38	54	53	75
Gross Surplus Ratio (%)	12.0	4.9	6.3	6.3	8.3
Gross Surplus-Expenditure Ratio (%)	13.7	5.1	6.7	6.7	9.1

Conference & Exhibition Organising Services

- With a substantial decline in MICE events, establishments operating in Conference & Exhibition Organising Services decreased by 17 year-on-year to 109. Number of persons engaged dropped by 74 year-on-year to 453, and 80.8% (366) of them were employees.

Receipts of the industry sank by 53.7% year-on-year, with those from conference & exhibition services tumbling by 60.2%. On the other hand, receipts from advertising services increased by 6.7% year-on-year attributable to the expansion of advertising business by some establishments. In terms of structure of receipts, the proportion of conference & exhibition services dipped by 12.8 percentage points year-on-year to 78.0%, while that of advertising services climbed by 8.8 percentage points to 15.5%.

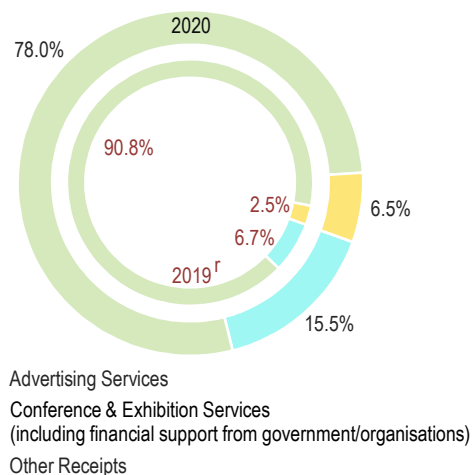
Structure of Receipts



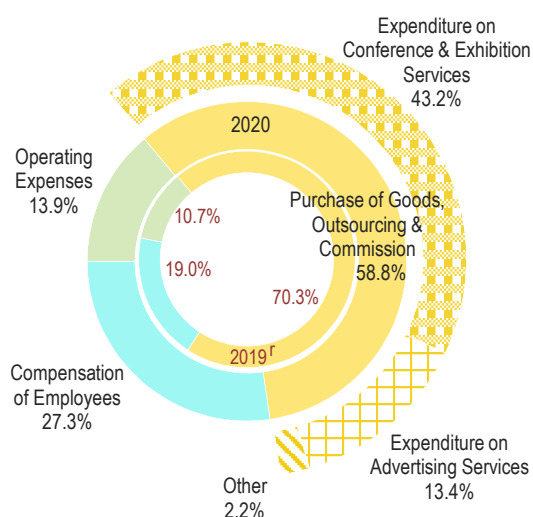
- As regards Purchase of Goods, Outsourcing & Commission, expenditure on advertising services and conference & exhibition services fell by 38.6% and 45.5% year-on-year respectively. Within Operating Expenses, rents of establishments and expenses on consumables went down by 3.9% and 45.6% respectively, whereas expenditure on professional & consulting services increased by 14.0%.
- As receipts were lower than expenditure, the industry recorded a deficit of MOP10.54 million. Gross Value Added declined by 48.7% year-on-year.

Gross Fixed Capital Formation of the industry registered a negative value owing to the sale of property by some establishments.

Structure of Receipts



Structure of Expenditure



- Expenditure of the industry shrank by 47.9% year-on-year; Purchase of Goods, Outsourcing & Commission declined by 56.4%, and their proportion of expenditure reduced from 70.3% to 58.8%. Despite year-on-year decreases in Compensation of Employees (-25.1%) and Operating Expenses (-32.3%), their shares of expenditure grew by 8.3 percentage points and 3.2 percentage points respectively.

Within Purchase of Goods, Outsourcing & Commission, expenditure on advertising services and conference & exhibition services plunged by 56.6% and 56.7% year-on-year respectively. With respect to Operating Expenses, expenditure on management services & contractual services dropped by 26.6% while rents of establishments grew by 1.6%.

- With receipts being lower than expenditure, the industry recorded a deficit of MOP3.63 million. Gross Value Added plummeted by 55.0% year-on-year.

Due to a reduction in the purchase of machinery and equipment, Gross Fixed Capital Formation slumped by 84.1% year-on-year.

Historical Data

	2015	2016	2017	2018	2019 ^f
Establishments (No.)	67	80	98	113	126
Persons Engaged (No.)	373	344	426	467	527
Receipts (Million MOP)	314	388	367	469	622
Expenditure	304	344	352	435	559
Gross Value Added	70	103	92	133	169
Gross Fixed Capital Formation	2	2	5	5	11
Gross Surplus	10	44	15	34	63
Gross Surplus Ratio (%)	3.2	11.2	4.1	7.3	10.1
Gross Surplus-Expenditure Ratio (%)	3.3	12.7	4.2	7.8	11.2

Scope and Coverage

The statistical unit of this survey is an establishment. If an enterprise has more than one establishment engaged in the same economic activity, these establishments will be grouped together as one statistical unit. The Survey covers establishments operating in Property Management, Security, Cleaning, Advertising, and Conference & Exhibition Organising Services in the reference year. These industries are classified according to the Classification of Economic Activities of Macao – Revision 1 (CAM-Rev. 1). The list of establishments is originated from the Statistics and Census Service and supplemented with information from the Financial Services Bureau.

Sampling Scheme and Inference of Results

Prior to 2020, full enumeration was carried out for Property Management, Security, Cleaning and Conference & Exhibition Organising Services, while a sample survey was conducted for the Advertising industry. In 2020, full enumeration was carried out for Security Services, whereas a sample survey was conducted for the remaining four industries..

The extrapolation of statistical results is as follows:

Estimated value of variable Y of a stratum: $\hat{Y}_h = \sum_j \sum_{i=1}^{n_{hj}} w_{hj} \times y_{hji}$ Estimated variance of variable Y of a stratum: $\hat{V}(\hat{Y}_h) = \sum_j (1 - f_{hj}) \times w_{hj}^2 \times n_{hj} \times s_{hj}^2$

Of which:

h = an industry

j = a stratum

i = an establishment

y_{hji} = variable y of establishment i in stratum j of industry h

$$w_{hj} = \frac{N_{hj}}{n_{hj}}$$

N_{hj} = total number of establishments of a stratum

n_{hj} = number of samples of a stratum

s_{hj} = standard deviation of a stratum

f_{hj} = sampling fraction of a stratum

Standard Error of Principal Indicators of Industries in 2020

Million MOP

Industry	Persons Engaged (No.)	Receipts	Compensation of Employees	Operating Expenses	Purchase of Goods, Outsourcing & Commission	Changes in Inventories	Gross Value Added	Gross Fixed Capital Formation
Property Management	36	16	13	7	5	0 [#]	12	1
Cleaning	39	10	9	3	3	1	9	1
Advertising	62	14	11	4	6	0 [#]	8	0 [#]
Conference & Exhibition Organising	11	3	3	1	3	0 [#]	1	-

Glossary

Establishment: An economic unit which engages in one or predominantly one kind of economic activity at a single location.

Persons Engaged: All individuals who work for the establishment as at the last working day of the reference year, including full-time employees and unpaid workers; however, those who are absent on that day and are absent for an indefinite period are excluded.

Receipts: Operating receipts from the provision of services before any deduction of costs, which include receipts from Property Management Services; Cleaning Services; Security Services; Rental of Property; Advertising (including Design and Production); Conference & Exhibition Organising Services, etc., and commission received. However, Non-operating Receipts such as interest received and insurance claims are excluded.

Expenditure: Includes Compensation of Employees, Purchase of Goods, Outsourcing & Commission and Operating Expenses; however, Non-operating Expenses such as depreciation and interest paid are excluded.

Operating Expenses: Include consumables, water & electricity charges and fuels, maintenance & repairs, rents of establishments, premiums for non-labour insurance, market research & publicity, professional & consulting services, management services & contractual services (including security, cleaning and pest control services, etc.), and other operating expenses.

Purchase of Goods, Outsourcing & Commission: Include the value of purchase of goods for resale and the costs incurred in outsourcing work or services to a third party (including purchase of property management, cleaning and security services). Commission refers to service payments made to agents or intermediaries.

Gross Value Added: Equals receipts, plus Changes in Inventories, minus Purchase of Goods, Outsourcing & Commission and Operating Expenses.

Gross Fixed Capital Formation: Equals the value of total acquisitions of fixed assets, less the proceeds from sales of fixed assets, within the reference year. Fixed assets include buildings; machinery, vehicles & other equipment; computer software; and other durable goods with a lifespan of one year or more. Also included are major repairs, alterations and extensions made to the existing fixed assets.

Gross Surplus: Equals receipts, plus Changes in Inventories, minus expenditure.

Gross Surplus Ratio: Gross Surplus divided by receipts and multiplied by 100%. The higher the ratio, the more effective a sector is at converting receipts into Gross Surplus.

Gross Surplus-Expenditure Ratio: Gross Surplus divided by expenditure and multiplied by 100%. The higher the ratio, the more cost-effective an establishment is.

Average Value Added per Person Engaged: Gross Value Added divided by number of persons engaged. An indicator that measures the sectoral contribution of each person engaged to the economy.

Symbols and Abbreviations

r	Revised Figures	p.p.	Percentage point	%	Percentage	..	Not applicable
MOP	Macao Pataca	'000	Thousand	YoY	Year-on-year change		
estab.	Establishment	-	Absolute value equals zero	0 [#]	Magnitude less than half of the unit employed		



For additional information:
<http://www.dsec.gov.mo/e/ser.aspx>