Controlling officer: the Permanent Secretary for Food and Health (Health) will account for expenditure under this Head.

Estimate 2019–20	\$71,181.7m
Establishment ceiling 2019–20 (notional annual mid-point salary value) representing an estimated 157 non-directorate posts as at 31 March 2019 rising by 27 posts to 184 posts as at 31 March 2020	\$129.4m
In addition, there will be an estimated 12 directorate posts as at 31 March 2019 rising by one post to 13 posts as at 31 March 2020.	
Commitment balance	\$3,095.5m

Controlling Officer's Report

Programmes

Programme (1) Health Programme (2) Subvention: Hospital Authority Programme (3) Subvention: Prince Philip Dental Hospital	(Secret	programmes tary for Food a	contribute to nd Health).	Policy Area 15: Health
Detail				
Programme (1): Health				
	2017–18 (Actual)	2018–19 (Original)	2018–19 (Revised)	2019–20 (Estimate)
Financial provision (\$m)				
Government sector	449.8	734.6	700.1 (-4.7%)	907.4 (+29.6%)
				(or +23.5% on 2018–19 Original)
Subvented sector	—	—	_	132.7
Total	449.8	734.6	700.1 (-4.7%)	1,040.1 (+48.6%)
				(or +41.6% on 2018–19 Original)

Aim

2 The aim is to formulate and oversee implementation of policies to protect and promote public health, to provide comprehensive and lifelong holistic health care to each citizen, and to ensure that no one is prevented, through lack of means, from obtaining adequate medical treatment.

Brief Description

- 3 The Health Branch of the Food and Health Bureau formulates and co-ordinates policies and programmes to:
- protect and promote health;
- prevent and treat illness and disease; and
- minimise the impact of disability.

4 Generally, the effectiveness of the work of the Branch is reflected in the extent to which the departments and subvented organisations delivering medical and healthcare services achieve the objectives of this programme. The aim has been broadly achieved in 2018–19.

Matters Requiring Special Attention in 2019–20

- 5 During 2019–20, the Branch will:
- develop a blueprint for the sustainable development of primary healthcare services and launch the first District Health Centre of Hong Kong in Kwai Tsing District;
- implement and provide funding for programmes under the Chinese Medicine Development Fund (CMDF) to support and promote the development of Chinese medicine (CM) in Hong Kong;
- launch the tender process for selecting a non-profit-making organisation as operator and complete the functional brief for the construction of the Chinese Medicine Hospital;
- service the Advisory Committee on Mental Health and pursue recommendations of the Mental Health Review Report;
- fully implement the Voluntary Health Insurance Scheme;
- oversee the implementation of the Pilot Accredited Registers Scheme for Healthcare Professions;
- prepare for the implementation of the new regulatory regime for private healthcare facilities and facilitate private hospital development;
- finalise legislative proposals for the regime on the regulation of medical devices;
- introduce legislative proposal for regulating health products for advanced therapies;
- finalise strategies for developing genomic medicine in Hong Kong, and prepare for the establishment of the Hong Kong Genome Institute to implement the Hong Kong Genome Project (HKGP);
- develop a comprehensive strategy on cancer prevention and care services;
- continue to oversee the smooth and timely implementation of capital works projects under the First Ten-year Hospital Development Plan (HDP), and the planning of those under the Second HDP;
- pursue the recommendations of the strategic review on healthcare manpower planning and professional development in consultation with stakeholders;
- continue to oversee the implementation of the strategy to prevent and control non-communicable diseases;
- continue to oversee the implementation of health promotion and preventive programmes;
- continue to oversee the implementation of the Elderly Health Care Voucher Scheme, the "Outreach Dental Care Programme for the Elderly" and the "Healthy Teeth Collaboration" programme;
- continue to oversee the development of the second stage of the Electronic Health Record Sharing System;
- continue efforts to promote breastfeeding and organ donation and to deter smoking;
- continue to manage the Health and Medical Research Fund (HMRF); and
- formulate and implement policy initiatives on the development of CM services as an integral part of the healthcare system in Hong Kong, including the provision of subsidised defined public outpatient CM services at the 18 district based CM clinics, and the further development of inpatient services with Integrated Chinese-Western Medicine treatment in Hospital Authority hospitals.

Programme (2): Subvention: Hospital Authority

	2017–18 (Actual)	2018–19 (Original)	2018–19 (Revised)	2019–20 (Estimate)
Financial provision (\$m)	56,441.0	62,395.5	64,444.2 (+3.3%)	69,917.7 (+8.5%)
				(or +12.1% on

2018–19 Original)

Aim

6 The Hospital Authority advises the Government on the needs of the public for hospital services and resources required to meet those needs, and provides adequate, efficient and effective public hospital services of the highest standard recognised internationally within the resources available.

Brief Description

The Branch subvents the Hospital Authority to provide public medical services. The Hospital Authority is a 7 statutory body established on 1 December 1990 under the Hospital Authority Ordinance (Cap. 113) to manage all public hospitals in Hong Kong. The Authority, with over 78 000 staff (full time equivalents), manages 43 public hospitals and institutions, 49 specialist outpatient clinics and 73 general outpatient clinics as at 31 December 2018.

The Hospital Authority manages and develops the public medical service system in ways which are conducive 8 to achieving the following objectives:

- to use hospital beds and clinics, staff, equipment and other resources efficiently to provide medical services of the highest standard within the resources available;
- to improve the efficiency of medical services by developing appropriate management structure, systems • and performance measures;
- to attract, motivate and retain staff;
- to encourage public participation in the operation of the public medical service system; and .
- to ensure accountability to the public for the management and control of the public medical service system.

The Hospital Authority generally achieved its performance targets in 2018-19. The volume of patient 9 care activities across the full range of services in 2018–19 is comparable to the level in 2017–18.

10 The key activity data in respect of the Hospital Authority are:

Targets

	As at 31 March 2018 (Actual)	As at 31 March 2019 (Revised Estimate)	As at 31 March 2020 (Target & Plan)
Access to services			
inpatient services no. of hospital beds			
general (acute and convalescent)	22 027	22 561	23 067
infirmary	2 041	2 041	2 041
mentally ill	3 607	3 647	3 647
mentally handicapped	680	680	680
overall	28 355	28 929	29 435
ambulatory and outreach services			
accident and emergency (A&E) services			
percentage of A&E patients within target waiting			
time $t_{\text{time}} = 0$ minute) (9/)	100	100	100
triage I (critical cases – 0 minute) (%) triage II (emergency cases –	100	100	100
15 minutes) (%)	97	95	95
triage III (urgent cases – 30 minutes) (%)	76	90	90
specialist outpatient services			
median waiting time for first appointment at			
specialist clinics			
first priority patients	<1 week	2 weeks	2 weeks
second priority patients	5 weeks	8 weeks	8 weeks
rehabilitation and geriatric services	100	402	502
no. of community nurses	490	493	503
no. of geriatric day places psychiatric services	659	659	669
no. of community psychiatric nurses	139	141	141
no. of psychiatric day places	889	889	889
······································		/	207

Indicators

maculors			
		2018-19	
	2017-18	(Revised	2019-20
	(Actual)	Estimate)	(Estimate)
Delivery of services			
inpatient services			
no. of discharges and deaths			
general (acute and convalescent)	1 138 748	1 135 800	1 161 100
infirmary	3 400	3 300	3 300
mentally ill	17 432	17 800	17 900
mentally handicapped	629	630	630
overall	1 160 209	1 157 530	1 182 930
no. of patient days			
general (acute and convalescent)	6 662 514	6 687 000	6 823 000
infirmary	498 621	506 000	506 000
mentally ill	918 456	992 000	997 000
mentally handicapped	191 510	201 000	201 000
averal1	8 271 101	8 386 000	8 527 000
overall bed occupancy rate (%)	0 2/1 101	8 380 000	0 327 000
general (acute and convalescent)	93	93	93
infirmary	89	89	89
mentally ill	70	70	70
mentally handicapped	77	70	70
monung nundeupped			
overall	89	89	89
average length of stay (days)§	•	• • •	•
general (acute and convalescent)	5.9	5.9	5.9
infirmary	139	139	139
mentally ill	55	55	55
mentally handicapped	303	303	303
overall	7.2	7.2	7.2
ambulatory and outreach services			
day inpatient services	(50.412	((0.700	(01.000
no. of discharges and deaths	659 413	668 700	691 000
A&E services	2 189 040	2 192 000	2 198 000
no. of attendances no. of attendances per 1 000 population	2 189 040	2 192 000	2 198 000 296
no. of first attendances for	290	290	290
triage I	22 144	22 100	22 100
triage II	52 111	52 100	52 100
triage III	749 179	749 100	749 100
specialist outpatient services	, 19 179	/ 19 100	/ 1/ 100
no. of specialist outpatient (clinical) new			
attendances	790 355	799 000	815 000
no. of specialist outpatient (clinical) follow-up			
attendances	6 926 315	6 950 000	7 004 000
total no. of specialist outpatient (clinical)			
attendances	7 716 670	7 749 000	7 819 000
primary care services	(001 720	(000 000	(154 000
no. of general outpatient attendances	6 081 738	6 090 000	6 154 000
no. of family medicine specialist clinic	311 626	211 600	217 600
attendances	511 020	311 600	317 600
total no. of primary care attendances	6 393 364	6 401 600	6 471 600
rehabilitation and palliative care services	0 373 304	0 101 000	0 1 / 1 000
no. of rehabilitation day and palliative care day			
attendances	98 104	99 900	103 100
no. of home visits by community nurses	877 610	876 000	892 000
no. of allied health (community) attendances	36 426	37 200	37 200
no. of allied health (outpatient) attendances	2 745 545	2 772 000	2 793 000
no. or anea nearth (outputient) attendances	2,10010	2 , , 2 000	

	2017–18 (Actual)	2018–19 (Revised Estimate)	2019–20 (Estimate)
geriatric services			
no. of outreach attendances no. of geriatric elderly persons assessed for	685 469	680 200	684 000
infirmary care service	1 766	1 860	1 860
no. of geriatric day attendances	148 258	148 200	150 700
no. of Visiting Medical Officer attendances psychiatric services	110 805	111 000	111 000
no. of psychiatric outreach attendances	292 121	299 900	308 100
no. of psychiatric day attendances	222 303	223 500	223 500
no. of psychogeriatric outreach attendances	98 440	99 900	101 600
Quality of complete			
Quality of services no. of hospital deaths per 1 000 population Δ	3	3	3
unplanned readmission rate within 28 days for general	5	5	5
inpatients (%)	10.6	10.6	10.6
	10.0	10.0	10.0
Cost of services			
cost distribution			
cost distribution by service types (%)			
inpatient	54.4	54.7	55.0
ambulatory and outreach	45.6	45.3	45.0
cost by service types per 1 000 population (\$m)	4.5	1.0	5.0
inpatient	4.5	4.9	5.2
ambulatory and outreach	3.8	4.0	4.2
cost of services for persons aged 65 or above share of cost of services (%)	48.5	49.9	50.1
cost of services per 1 000 population (\$m)	24.5	26.0	26.6
unit costs	24.5	20.0	20.0
inpatient services			
cost per inpatient discharged (\$)			
general (acute and convalescent)	26,110	28,450	29,740
infirmary	239,970	254,540	261,840
mentally ill	147,780	156,320	160,540
mentally handicapped	513,660	544,490	560,110
cost per patient day (\$)	4 0 - 0		
general (acute and convalescent)	4,950	5,370	5,630
infirmary	1,640	1,710	1,760
mentally ill	2,810	2,810	2,890
mentally handicappedambulatory and outreach services	1,690	1,710	1,760
cost per A&E attendance (\$)	1,390	1,490	1,530
cost per specialist outpatient attendance (\$)	1,230	1,310	1,350
cost per general outpatient attendance (\$)	470	505	520
cost per family medicine specialist clinic			
attendance (\$)	1,180	1,270	1,310
cost per outreach visit by community nurse (\$)	575	620	640
cost per psychiatric outreach attendance (\$)	1,660	1,750	1,810
cost per geriatric day attendance (\$)	2,240	2,370	2,440
fee waivers¶			
percentage of Comprehensive Social Security	175	16.6	1((
Assistance (CSSA) fee waiver (%) percentage of non-CSSA fee waiver (%)Φ	17.5 12.8	16.6 16.6	16.6 18.1
percentage of non-CSSA fee warver $(70)\Phi$	12.0	10.0	10.1
Manpower (no. of full time equivalent staff as at 31 March) Medical			
doctor	5 858	6 000	6 190
no. of specialists	3 422	3 430	3 460
no. of trainees/non-specialists	2 4 3 6	2 570	2 730
intern	470	496	494
dentist	8	8	11
medical total	6 336	6 504	6 695

	2017–18 (Actual)	2018–19 (Revised Estimate)	2019–20 (Estimate)
Nursing			
qualified staff	25 303	26 050	26 870
trainee	808	675	700
nursing total	26 111	26 725	27 570
allied health	7 815	8 070	8 400
others	36 664	38 130	39 760
total	76 926	79 429	82 425

- Derived by dividing the sum of length of stay of inpatients by the corresponding number of inpatients § discharged and treated.
- Δ Refers to the standardised hospital death rate covering inpatient and day inpatient deaths in Hospital Authority hospitals in a particular year. The standardised rate, as a standard statistical technique to facilitate comparison over years, is calculated by applying the Hospital Authority age-specific hospital death rate in that particular year to the "standard" population in mid-2001.
- Refers to the amount waived as percentage to total charge. With effect from 15 July 2017, the medical fee waiver for public healthcare services has been extended to ф cover Old Age Living Allowance (OALA) recipients meeting the eligibility criteria. In this regard, the percentage of non-CSSA fee waiver for 2017–18 Actual, 2018–19 Revised Estimate and 2019–20 Estimate includes fee waiver for OALA recipients of 6.6 per cent, 10.9 per cent and 12.4 per cent respectively.

Matters Requiring Special Attention in 2019–20

11 In 2019–20, the Hospital Authority will continue to meet the healthcare needs of the population within the policy framework of the Government. The Government's direction is for the Hospital Authority to focus on four priority areas: (a) acute and emergency care; (b) services for the low income group and the underprivileged; (c) illnesses that entail high cost, advanced technology and multi-disciplinary professional team work in their treatment; and (d) training of healthcare professionals.

12 The Hospital Authority will also:

- continue to introduce medical services in Tin Shui Wai Hospital, North Lantau Hospital and Hong Kong Children's Hospital in phases. A total of around 500 hospital beds will be added across Hospital Authority's hospital clusters to meet the service demand;
- continue to enhance palliative care consultative service, geriatric fragility fracture co-ordination services and restorative rehabilitative services for elderly patients;
- enhance the treatment and management of cancers, diabetes mellitus, renal diseases, stroke and cardiac diseases;
- augment the workforce by attracting and retaining staff through the Special Retired and Rehire Scheme, Limited Registration and various measures;
- continue to enhance access to accident and emergency, surgical, endoscopic, diagnostic imaging, specialist outpatient and general outpatient services as well as increase the number of operating theatre sessions and improve pharmacy services;
- enhance mental health services for patients with common mental disorder, children and adolescents with mental health needs as well as continue to strengthen the support for elderly patients with dementia; and
- continue to make use of investment returns generated from the \$10 billion Public-Private Partnership (PPP) Endowment Fund allocated to the Hospital Authority to operate clinical PPP programmes.

Programme (3): Subvention: Prince Philip Dental Hospital

2017–18 (Actual)	2018–19 (Original)	2018–19 (Revised)	2019–20 (Estimate)
170.1	212.1	217.2 (+2.4%)	223.9 (+3.1%)
	(Actual)	(Actual) (Original)	(Actual)(Original)(Revised)170.1212.1217.2

(or +5.6% on 2018–19 Original)

Aim

13 The aim is to provide facilities for the training of dentists and dental ancillary personnel.

Brief Description

14 The Branch subvents the Prince Philip Dental Hospital (PPDH). The PPDH is a statutory body established in 1981 under the Prince Philip Dental Hospital Ordinance (Cap. 1081). It is a purpose-built teaching hospital to provide clinical training facilities for undergraduate and postgraduate students of the Faculty of Dentistry of the University of Hong Kong. It also runs courses for dental ancillary personnel at diploma level.

15 In the 2017/18 academic year, the PPDH generally achieved its overall performance targets in terms of the number of students attending the undergraduate and postgraduate courses and the diploma courses.

16 The key performance measures are:

Indicators

		Academic Year	
	2017/18 (Actual)	2018/19 (Revised Estimate)	2019/20 (Estimate)
no. of training places			
undergraduate	352	375	405
postgraduate#	75	81	80
student dental technician	40	38	40
student dental surgery assistant	36	28	36
student dental hygienist	52	59	64
student dental therapist	10	10	10
total capacity utilisation rate (%)Φ	565	591	635
undergraduate	98	99	100
postgraduate	100	100	100
student dental technician	100	95	100
student dental surgery assistant	100	78	97
student dental hygienist	108	102	94
student dental therapist	100	100	100
completion rate (%)			
undergraduate	100	100	100
postgraduate	100	100	100
student dental technician	98	95	95
student dental surgery assistant	83	82	81
student dental hygienist	92	85	84
student dental therapist	100	100	100

The indicators cover only research postgraduate programmes.

 Φ This refers to the number of students enrolled in courses as a percentage of the total number of training places offered.

 \wedge The utilisation rates exceed 100 per cent because there were/are students retaking the course in 2017/18 and 2018/19 academic years.

Matters Requiring Special Attention in 2019–20

17 During 2019–20, PPDH will start improving its facilities having regard to the recommendations of consultancy study and replacing old dental units by phases.

ANALYSIS O	F FINANCIAL	PROVISION
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Programme	2017–18	2018–19	2018–19	2019–20
	(Actual)	(Original)	(Revised)	(Estimate)
	(\$m)	(\$m)	(\$m)	(\$m)
 Health	449.8	734.6	700.1	1,040.1
	56,441.0	62,395.5	64,444.2	69,917.7
(3) Subvention: Prince Philip Dental Hospital	170.1	212.1	217.2	223.9
	57,060.9	63,342.2	65,361.5 (+3.2%)	71,181.7 (+8.9%)

(or +12.4% on 2018–19 Original)

Analysis of Financial and Staffing Provision

Programme (1)

Provision for 2019–20 is \$340.0 million (48.6%) higher than the revised estimate for 2018–19. This is mainly due to the increased cash flow requirement for the general non-recurrent items on CMDF, HMRF and HKGP as well as increased recurrent cost to support primary healthcare development and the HKGP. There will be an increase of 28 posts in 2019–20.

Programme (2)

Provision for 2019–20 is \$5,473.5 million (8.5%) higher than the revised estimate for 2018–19. This is mainly due to the additional provision to the Hospital Authority for implementing various measures to meet the increasing demand for hospital services and to improve the quality of clinical care.

Programme (3)

Provision for 2019–20 is \$6.7 million (3.1%) higher than the revised estimate for 2018–19. The increase is mainly due to the increased requirement in minor plant, equipment, maintenance, and improvement in 2019–20.



(No government staff under PROG 2-3)



Changes in the size of the establishment

Sub- head (Code)		Actual expenditure 2017–18 \$`000	Approved estimate 2018–19 \$`000	Revised estimate 2018–19 \$`000	Estimate 2019–20 \$'000
	Operating Account	\$ 000	\$ 000	\$ 000	\$ 000
	Recurrent				
000	Operational expenses	55,993,650	62,149,505	64,188,815	69,610,419
	Total, Recurrent	55,993,650	62,149,505	64,188,815	69,610,419
	Non-Recurrent				
700	General non-recurrent	184,921	250,000	230,000	420,000
	Total, Non-Recurrent	184,921	250,000	230,000	420,000
	Total, Operating Account	56,178,571	62,399,505	64,418,815	70,030,419
	Capital Account				
	Subventions				
85C 899	Prince Philip Dental Hospital Prince Philip Dental Hospital - minor plant, vehicles, equipment, maintenance, and	576	535	535	637
070	improvement (block vote)	8,125	17,439	17,439	22,162
979	Hospital Authority - equipment and information systems (block vote)	873,650	924,700	924,700	1,128,472
	Total, Subventions	882,351	942,674	942,674	1,151,271
	Total, Capital Account	882,351	942,674	942,674	1,151,271
	Total Expenditure	57,060,922	63,342,179	65,361,489	71,181,690

Details of Expenditure by Subhead

The estimate of the amount required in 2019–20 for the salaries and expenses of the Health Branch is \$71,181,690,000. This represents an increase of \$5,820,201,000 over the revised estimate for 2018–19 and \$14,120,768,000 over the actual expenditure in 2017–18.

Operating Account

Recurrent

2 Provision of \$69,610,419,000 under *Subhead 000 Operational expenses* is for the salaries, allowances and other operating expenses of the Health Branch.

3 The establishment as at 31 March 2019 will be 169 posts including one supernumerary post. It is expected that there will be an increase of 28 posts in 2019–20. Subject to certain conditions, the controlling officer may under delegated power create or delete non-directorate posts during 2019–20, but the notional annual mid-point salary value of all such posts must not exceed \$129,417,000.

4 An analysis of the financial provision under *Subhead 000 Operational expenses* is as follows:

	2017–18 (Actual) (\$'000)	2018–19 (Original) (\$'000)	2018–19 (Revised) (\$'000)	2019–20 (Estimate) (\$'000)
Personal Emoluments				
- Salaries - Allowances - Job-related allowances Personnel Related Expenses	98,387 4,175 1	126,780 5,028 2	116,395 4,450 2	153,320 4,785 2
 Mandatory Provident Fund contribution Civil Service Provident Fund 	208	197	295	317
contribution Departmental Expenses	4,823	10,736	7,642	13,309
- General departmental expenses Subventions	157,336	341,839	341,305	395,638
 Hospital Authority Prince Philip Dental Hospital Hong Kong Genome Institute 	55,567,327 161,393	61,470,771 194,152	63,519,528 199,198	68,789,176 201,145 52,727
	55,993,650	62,149,505	64,188,815	69,610,419

Capital Account

Subventions

5 Provision of \$22,162,000 under *Subhead 899 Prince Philip Dental Hospital - minor plant, vehicles, equipment, maintenance, and improvement (block vote)* is for the procurement of plant and equipment, maintenance, and minor improvement works costing over \$200,000 but not exceeding \$10 million for each project. The increase of \$4,723,000 (27.1%) over the revised estimate for 2018–19 is mainly due to the increased requirement in 2019–20.

6 Provision of \$1,128,472,000 under Subhead 979 Hospital Authority - equipment and information systems (block vote) is for the procurement of equipment items and computerisation projects costing over \$200,000 each. The increase of \$203,772,000 (22%) over the revised estimate for 2018–19 is mainly due to the increased cash flow requirements in 2019–20.

Commitments

Sub- head (Code)	Item (Code)	Ambit	Approved commitment	Accumulated expenditure to 31.3.2018	Revised estimated expenditure for 2018–19	Balance
			\$'000	\$'000	\$'000	\$'000
Opera	ting Ac	count				
700		General non-recurrent				
	802	Chinese Medicine Development Fund	500,000	_	25,000	475,000
	803	Hong Kong Genome ProjectΩ	682,000Ω	—	—	682,000
	823	Health and Medical Research Fund	2,915,000	772,688	205,000	1,937,312
			4,097,000	772,688	230,000	3,094,312
Capite	ıl Accou	int				
85C		Prince Philip Dental Hospital				
	876	Replacement of air water separators of the Suction Pipe System at 3A and 3B clinics	3,300	3,092	27	181
	891	Replacement of lift nos. 1 to 5 and installation of ascending car over speed protection devices for lift				
		nos. 1 to 6	5,500	4,000	508	992
			8,800	7,092	535	1,173
		Total	4,105,800	779,780	230,535	3,095,485

 Ω This is a new item, funding for which is sought in the context of the Appropriation Bill 2019.