

Annex 1

Antibiotic resistance rates of multi-drug resistant organisms in public hospitals

Antibiotic resistance rates	Cluster	2013	2014	2015	2016	2017
Vancomycin- resistant Enterococci (VRE)	HKEC	0.2%	0.7%	0.2%	0.4%	0.1%
	HKWC	0.2%	0.3%	0.0%	0.0%	0.0%
	KCC	4.5%	1.0%	0.4%	0.2%	0.2%
	KEC	1.8%	0.5%	0.1%	0.0%	0.0%
	KWC	1.5%	1.2%	0.4%	0.2%	0.3%
	NTEC	0.1%	0.2%	0.1%	0.0%	0.1%
	NTWC	0.6%	1.3%	0.6%	0.5%	0.4%
Extended- spectrum beta- lactamase (ESBL)- producing Enterobacteriaceae	HKEC	22.9%	22.4%	21.8%	21.1%	21.2%
	HKWC	26.6%	26.8%	25.6%	23.2%	22.9%
	KCC	25.3%	24.8%	25.0%	25.3%	22.9%
	KEC	21.0%	21.5%	21.9%	20.6%	21.2%
	KWC	23.3%	22.1%	22.2%	22.0%	22.2%
	NTEC	23.3%	22.1%	23.2%	23.0%	21.8%
	NTWC	25.5%	24.3%	23.6%	21.9%	21.3%
Multi-drug resistant Acinetobacter species (MDRA)	HKEC	4.7%	26.1%	20.9%	18.5%	11.2%
	HKWC	18.9%	15.3%	18.5%	11.8%	3.1%
	KCC	27.1%	23.1%	13.9%	2.2%	4.4%
	KEC	15.0%	23.9%	11.3%	8.6%	3.3%
	KWC	13.8%	29.5%	19.3%	13.7%	15.9%
	NTEC	31.1%	32.2%	14.5%	11.4%	7.3%
	NTWC	15.7%	18.5%	10.5%	10.7%	7.6%

Methicillin-resistant Staphylococcus aureus (MRSA)	HKEC	49.2%	49.7%	50.2%	48.3%	50.1%
	HKWC	38.7%	35.5%	40.4%	34.0%	35.0%
	KCC	52.1%	52.4%	49.3%	47.2%	45.3%
	KEC	44.0%	43.4%	41.3%	40.5%	38.7%
	KWC	50.7%	49.8%	50.3%	49.5%	50.4%
	NTEC	42.1%	39.0%	39.7%	36.7%	38.2%
	NTWC	44.2%	46.3%	49.7%	44.4%	42.2%

Abbreviations

HKEC – Hong Kong East Cluster

HKWC – Hong Kong West Cluster

KCC – Kowloon Central Cluster

KEC – Kowloon East Cluster

KWC – Kowloon West Cluster

NTEC – New Territories East Cluster

NTWC – New Territories West Cluster

Remarks

- Kwong Wah Hospital, Our Lady of Maryknoll Hospital and Tung Wah Group of Hospitals Wong Tai Sin Hospital, together with the service units in the concerned communities, were re-delineated from the KWC to KCC with effect from 1 December 2016. Reports on services / manpower statistics and financial information are continued to be based on the previous clustering arrangement (i.e. concerned service units under KWC) for the entire 2016-17 financial year (i.e. up to 31 March 2017), while reporting based on the new clustering arrangement starts from 1 April 2017. All statistics and financial information for KCC and KWC before and on / after 1 April 2017 are therefore not directly comparable.
- HA organises clinical services on a cluster basis. The patient journey may involve different points of care within the same cluster. Hence, information by cluster provides a better picture than that by hospital on the situation of MDROs.

Annex 2

Numbers of suspected cases of severe infectious diseases
referred to public hospitals

2014	2015	2016	2017	2018 (January to March)
30	80	31	20	4

Annex 3

Statistics on 50 statutory notifiable infectious diseases
under the Prevention and Control of Disease Ordinance (Cap. 599)
shared with the Mainland and Macao authorities

Disease		2013	2014	2015	2016	2017
Acute poliomyelitis		0	0	0	0	0
Amoebic dysentery		4	11	5	3	10
Anthrax		0	0	0	0	0
Bacillary dysentery		66	51	44	39	37
Botulism ¹		0	0	0	13	3
Chickenpox		10 926	7 800	8 746	8 879	9 351
Chikungunya fever		5	2	1	8	1
Cholera		2	1	1	3	0
Community-associated methicillin-resistant Staphylococcus aureus infection		990	998	1047	1 168	1 258
Creutzfeldt-Jakob disease		5	8	9	9	10
Dengue fever		103	112	114	124	102
Diphtheria		0	0	0	0	0
Enterovirus 71 infection		12	68	56	38	49
Food poisoning	Outbreaks	316	214	254	213	214
	Persons affected	1 176	1 134	1 076	1 084	874
Haemophilus influenzae type b infection (invasive)		3	6	0	1	2
Hantavirus infection		0	0	0	0	2
Invasive pneumococcal disease ²		-	-	162	189	186
Japanese encephalitis		6	5	2	2	5
Legionnaires' disease		28	41	66	75	72
Leprosy		5	9	3	3	3
Leptospirosis		2	1	3	7	5
Listeriosis		26	22	22	17	14
Malaria		20	23	22	24	30
Measles		38	50	18	9	4
Meningococcal infection (invasive)		3	5	5	6	5

Disease	2013	2014	2015	2016	2017
Middle East Respiratory Syndrome ³	0	0	0	0	0
Mumps	127	111	118	110	98
Novel influenza A infection ⁴	3	9	2	5	3
Paratyphoid fever	23	26	11	15	8
Plague	0	0	0	0	0
Psittacosis ⁵	2	6	2	8	9
Q fever	1	0	2	2	0
Rabies	0	1	0	0	0
Relapsing fever	0	0	0	0	0
Rubella and congenital rubella syndrome	25	14	12	3	0
Scarlet fever	1 100	1 238	1 210	1 466	2 354
Severe Acute Respiratory Syndrome	0	0	0	0	0
Shiga toxin-producing Escherichia coli infection	2	2	0	6	2
Smallpox	0	0	0	0	0
Streptococcus suis infection	8	12	9	5	7
Tetanus	0	0	1	0	1
Tuberculosis	4 664	4 705	4 418	4 346	4 306
Typhoid fever	33	27	31	14	21
Typhus and other rickettsial diseases	57	45	45	53	46
Viral haemorrhagic fever	0	0	0	0	0
Viral hepatitis	184	192	265	270	233
West Nile Virus Infection	0	0	0	0	0
Whooping cough	20	30	50	31	69
Yellow fever	0	0	0	0	0
Zika Virus Infection ⁶	-	-	-	2	1
Total	18 809	15 845	16 756	17 166	18 521

Notes:

¹ A revised case definition of “Botulism” has been adopted since May 2016.

² “Invasive pneumococcal disease” has been listed as a notifiable infectious disease since 9 January 2015.

- ³ “Severe Respiratory Disease associated with Novel Coronavirus” has been renamed as “Middle East Respiratory Syndrome” since 14 June 2013.
- ⁴ “Novel influenza A infection” has been listed as a notifiable infectious disease since 21 February 2014, which has replaced 'Influenza A (H2), Variant Influenza A (H3N2), Influenza A (H5), Influenza A (H7) and Influenza A (H9)'.
- ⁵ One additional probable case of “Psittacosis” was notified in January 2013.
- ⁶ “Zika Virus Infection” has been listed as a notifiable infectious disease since 5 February 2016.

Remarks:

- Persons affected in Food poisoning cases were excluded in the monthly total and grand total.
- The figures in the most recent months are provisional and would be revised based on updated information.