2019冠狀病毒病死亡個案報告初步數據分析

(2021年12月31日至2022年7月20日00:00)

Provisional Data Analysis on COVID-19 Reported Death Cases

(from 31 Dec 2021 up till 20 Jul 2022 00:00)

資料來源:衞生署衞生防護中心 Source: Centre for Health Protection of the Department of Health

特別感謝醫院管理局提供進一步資料以協助分析 Special thanks to the Hospital Authority for provision of further information to facilitate analysis



版本日期:2022年7月21日 Version date: 21 Jul 2022

新冠疫苗能保護個人·預防2019冠狀病毒病的嚴重疾病和併發症。在本港·接種兩或三劑新冠疫苗個案的死亡率遠低於未接種的個案。 就此·政府強烈建議合資格人士(尤其是12歲以下及60歲以上人士)應盡快接種疫苗。

COVID-19 vaccines can protect individuals from severe illnesses and complications from COVID-19. Locally, **cases vaccinated with 2 or 3 doses**have much lower fatality rate than the unvaccinated. With that, the Government strongly recommended eligible persons
(especially those aged under 12 as well as those aged 60 and above) to get vaccinated as soon as possible.

第5波死者個案 Deceased in the 5th Wave

累計數目 Cumulative number	9,232
年齡範圍 Age range	0 - 112
年齡中位數 Median	86
男性與女性比例 Male to female ratio	1.42

疫苗接種史* Vaccination History



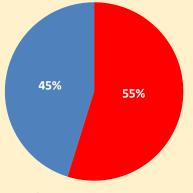
超過七成沒有接種疫苗#

More than 70% were unvaccinated#

包括已接種一劑但未滿 14 天的人士 Including those that have received 1 dose but not yet reached 14 days

- ■已接種三劑(滿14天)Received 3 doses (reached 14 days)
- ■已接種兩劑(滿14天)Received 2 doses (reached 14 days)
- ■已接種一劑(滿14天)Received 1 dose (reached 14 days)
- ■沒有接種疫苗# Unvaccinated#

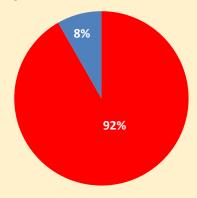
居住院舍情況* Residential Care Home (RCH) Status



- ■院舍人士 RCH Residents
- ■非院舍人士 Non-RCH Residents

超過五成為居於院舍人士 More than 50% were RCH residents

長期病患歴史情況* History of Known Chronic Diseases



- 已知有長期病患 With known chronic diseases
- ■沒有長期病患歷史 No history of chronic diseases

超過九成有已知長期病患情況
More than 90% were
with known chronic diseases

* 不包括待定個案 Excluding pending cases

按年齡組別和疫苗接種情況*劃分的死亡率 Case Fatality Rate by Age Group and Vaccination Status*

- 超過95%死亡個案為60歲或以上長者
- 接種首劑疫苗已有明顯保 護力
- 依時接種第二和第三劑疫苗,可進一步提高保護力
- 早接種,早保護
- Over 95% fatal cases were elderly aged 60 years or above
- Having the first dose already offers observable protection
- Timely having the second and the third doses can enhance protection
- Early vaccination for early protection



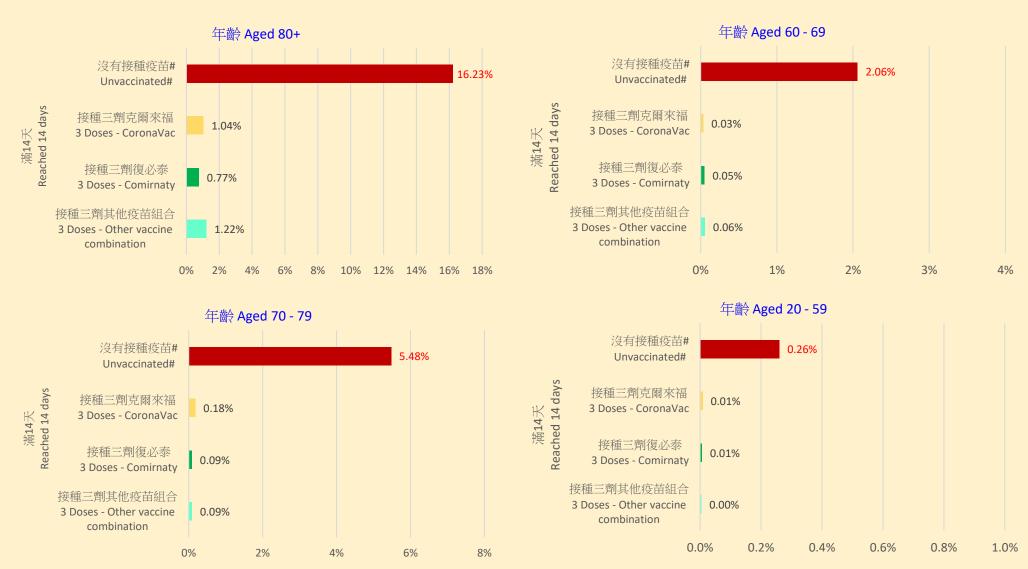
- * 計算是根據個別個案的呈報日期,相對於疫苗接種日期之時間間隔。這額外對計算疫苗劑數的方法是由2022年4月7日開始應用,包括追溯所有過往數據。
 It is counted based on the date of case reporting of each reported case with respect to the date of vaccination to arrive at the time interval. This additional counting method for 'no. of vaccine doses received' is implemented starting from 7 April 2022, including all retrospective data.
- #包括已接種一劑但未滿14天的人士 Including those that have received 1 dose but not yet reached 14 days
- 新型冠狀病毒測試結果呈陽性的個案,如果在首次陽性樣本收集日期的28日內死亡,則會被列為2019冠狀病毒病的死亡個案。死者的死因可能與 2019冠狀病毒病無關。
- 由於第五波疫情尚未結束,分析以上的臨時數據時必需謹慎,可能需要更長時間以收集更多數據或等待第五波完結後才能得出更有效的結論。
- COVID-19 death case is defined as a death in a person with positive SARS-CoV-2 result and died within 28 days of the first positive specimen collection day. The underlying cause of death may have been unrelated to COVID-19.
- As the 5th wave is still ongoing, the above provisional data need to be interpreted carefully. More significant conclusion can only be drawn when more data are available or when the 5th wave is over.

接種任何三劑疫苗,死亡風險大幅減少,特別是較年長的年齡組別

Receiving 3 doses of any vaccines greatly reduces death risk especially in the older age group

接種三劑疫苗相對沒有接種疫苗的死亡率(以20歲或以上年齡組別劃分)

Case fatality rate of 3 dose vaccine as compared against unvaccinated by age groups of 20+



按年齡組別及疫苗接種情況劃分的死亡率 Case Fatality Rate by Age Group and Vaccination Status

疫苗接種情況(在個案報告日期已滿14天) Vaccination Status (reached 14 days	年齡組別 Age Group												
as at case report date)	<3	3 - 11	12 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80+	待定 Pending	Grand Total	
總計 Grand total	0.01%	0.01%	0.01%	0.01%	0.01%	0.03%	0.12%	0.41%	1.70%	9.96%	0.01%	0.72%	
沒有接種疫苗# Unvaccinated#	0.01%	0.01%	0.04%	0.04%	0.06%	0.20%	0.86%	2.06%	5.48%	16.23%	N/A	2.95%	
接種一劑疫苗總計 1 Dose - Overall	N/A	0.01%	0.01%	0.01%	0.02%	0.04%	0.17%	0.49%	1.51%	6.99%	N/A	1.02%	
接種一劑克爾來福 1 Dose – CoronaVac	N/A	0.01%	0.00%	0.04%	0.01%	0.06%	0.21%	0.50%	1.59%	7.12%	N/A	1.46%	
接種一劑復必泰 1 Dose – Comirnaty	N/A	0.00%	0.01%	0.00%	0.02%	0.00%	0.09%	0.43%	1.07%	5.65%	N/A	0.26%	
接種一劑其他 1 Dose – Others	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	N/A	0.00%	N/A	0.00%	N/A	0.00%	
接種兩劑疫苗總計 2 Doses – Overall	N/A	0.00%	0.00%	0.01%	0.00%	0.01%	0.06%	0.15%	0.58%	3.64%	N/A	0.17%	
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	0.00%	0.00%	0.01%	0.00%	0.01%	0.07%	0.17%	0.67%	4.13%	N/A	0.35%	
接種兩劑復必泰 2 Doses – Comirnaty	N/A	0.00%	0.00%	0.00%	0.00%	0.02%	0.05%	0.11%	0.39%	1.87%	N/A	0.05%	
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	N/A	0.00%	
接種三劑疫苗總計 3 Doses - Overall	N/A	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.04%	0.15%	1.00%	N/A	0.04%	
接種三劑克爾來福 3 Doses – CoronaVac	N/A	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.03%	0.18%	1.04%	N/A	0.06%	
接種三劑復必泰 3 Doses – Comirnaty	N/A	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.05%	0.09%	0.77%	N/A	0.02%	
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.06%	0.09%	1.22%	N/A	0.03%	

- 接種任何三劑疫苗,死亡風險大幅減少,特別是較年長的年齡組別
- 只要接種首劑疫苗,死亡風險也會顯著減少
- Receiving 3 doses of any vaccines greatly reduces death risk especially in the older age group
- Getting the first jab would also significantly reduce death risk
- 新型冠狀病毒測試結果呈陽性的個案,如果在首次陽性樣本收集日期的28日內死亡,則會被列為2019冠狀病毒病的死亡個案。死者的死因可能與 2019冠狀病毒病無關。
- 由於第五波疫情尚未結束,分析以上的臨時數據時必需謹慎,可能需要更長時間以收集更多數據或等待第五波完結後才能得出更有效的結論。
- COVID-19 death case is defined as a death in a person with positive SARS-CoV-2 result and died within 28 days of the first positive specimen collection day. The underlying cause of death may have been unrelated to COVID-19.
- As the 5th wave is still ongoing, the above provisional data need to be interpreted carefully. More significant conclusion can only be drawn when more data are available or when the 5th wave is over.

以年齡組別及疫苗接種情況劃分之第 5 波本地感染個案呈報數目(經核酸檢測/快速抗原測試) Number of Reported Locally Acquired COVID-19 Cases (By PCR or RAT) since 5th Wave by Age Group and Vaccination Status

臨時數據 Provisional data

疫苗接種情況(在個案報告日期已滿14天) Vaccination Status (reached 14 days	年齡組別 Age Group											
as at case report date)	<3	3 - 11	12 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80+	待定 Pending	總計 Grand Total
總計 Grand total	13,662	66,555	51,601	149,295	211,841	208,253	209,825	189,868	90,927	65,706	25,394	1,282,927
沒有接種疫苗# Unvaccinated#	13,662	48,292	7,232	18,543	27,254	18,270	17,868	24,165	19,079	29,937	N/A	224,302
接種一劑疫苗總計 1 Dose – Overall	N/A	13,309	13,827	10,785	17,226	14,022	15,764	23,654	17,093	14,668	N/A	140,348
接種一劑克爾來福 1 Dose – CoronaVac	N/A	11,622	2,255	2,802	6,925	8,226	11,140	18,287	14,384	13,374	N/A	89,015
接種一劑復必泰 1 Dose – Comirnaty	N/A	1,682	11,571	7,980	10,296	5,792	4,624	5,358	2,709	1,293	N/A	51,305
接種一劑其他 1 Dose – Others	N/A	5	1	3	5	4	0	9	0	1	N/A	28
接種兩劑疫苗總計 2 Doses – Overall	N/A	4,879	27,833	101,367	127,928	116,704	116,002	95,165	37,724	17,097	N/A	644,699
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	4,213	3,553	14,576	28,528	44,146	60,482	56,122	25,255	13,382	N/A	250,257
接種兩劑復必泰 2 Doses – Comirnaty	N/A	658	24,221	86,609	99,149	72,262	55,256	38,841	12,408	3,693	N/A	393,097
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	8	59	182	251	296	264	202	61	22	N/A	1,345
接種三劑疫苗總計 3 Doses - Overall	N/A	75	2,709	18,600	39,433	59,257	60,191	46,884	17,031	4,004	N/A	248,184
接種三劑克爾來福 3 Doses – CoronaVac	N/A	66	362	4,199	11,827	25,102	30,780	25,727	10,337	2,682	N/A	111,082
接種三劑復必泰 3 Doses – Comirnaty	N/A	5	2,053	12,207	22,868	25,494	20,449	14,201	4,503	913	N/A	102,693
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	4	294	2,194	4,738	8,661	8,962	6,956	2,191	409	N/A	34,409

以年齡組別及疫苗接種情況劃分之第 5 波呈報死亡個案數目 Number of COVID-19 Reported Deaths since 5th Wave by Age Group and Vaccination Status

疫苗接種情況(在個案報告日期已滿14天)		年齡組別 Age Group												
Vaccination Status (reached 14 days as at case report date)	<3	3 - 11	12 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80+	待定 Pending	總計 Grand Total		
總計 Grand total	1	6	5	14	25	61	251	775	1,546	6,546	2	9,232		
沒有接種疫苗# Unvaccinated#	1	5	3	7	15	36	153	498	1,045	4,859	N/A	6,622		
接種一劑疫苗總計 1 Dose – Overall	N/A	1	1	1	3	5	27	115	258	1,025	N/A	1,436		
接種一劑克爾來福 1 Dose – CoronaVac	N/A	1	0	1	1	5	23	92	229	952	N/A	1,304		
接種一劑復必泰 1 Dose – Comirnaty	N/A	0	1	0	2	0	4	23	29	73	N/A	132		
接種一劑其他 1 Dose – Others	N/A	0	0	0	0	0	0	0	0	0	N/A	0		
接種兩劑疫苗總計 2 Doses – Overall	N/A	0	1	6	4	16	66	142	218	622	N/A	1,075		
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	0	0	2	0	5	41	98	169	553	N/A	868		
接種兩劑復必泰 2 Doses – Comirnaty	N/A	0	1	4	4	11	25	44	49	69	N/A	207		
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	0	0	0	0	0	0	0	0	0	N/A	0		
接種三劑疫苗總計 3 Doses - Overall	N/A	0	0	0	3	4	5	20	25	40	N/A	97		
接種三劑克爾來福 3 Doses – CoronaVac	N/A	0	0	0	1	1	4	9	19	28	N/A	62		
接種三劑復必泰 3 Doses – Comirnaty	N/A	0	0	0	1	3	1	7	4	7	N/A	23		
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	0	0	0	1	0	0	4	2	5	N/A	12		

包括已接種一劑但未滿 14 天的人士 Including those that have received 1 dose but not yet reached 14 days N/A = 不適用 Not applicable

比較本地感染呈報個案與死亡個案之疫苗接種情況百分比分布(以20歲或以上年齡組別劃分) Comparison between Reported Locally Acquired Cases and Deceased Cases

Comparison between Reported Locally Acquired Cases and Deceased Cases on % Distribution of Vaccination Status by Age Groups of 20 or above

	年齡組別 Age groups												
疫苗接種情況 (在個案報告日期已滿14天) Vaccination Status (reached 14 days as at case report date)	20 -	- 39	40 -	- 59	60 -	- 69	70 -	- 79	80+				
	佔所有本地 個案% % of total local cases	佔所有死亡 個案% % of total deaths	佔所有本地 個案% % of total local cases	佔所有死亡 個案% % of total deaths	佔所有本地 個案% % of total local cases	佔所有死亡 個案% % of total deaths	佔所有本地 個案% % of total local cases	佔所有死亡 個案% % of total deaths	佔所有本地 個案% % of total local cases	佔所有死亡 個案% % of total deaths			
沒有接種疫苗 # Unvaccinated #	12.7%	56.4%	8.6%	60.6%	12.7%	64.3%	21.0%	67.6%	45.6%	74.2%			
接種一劑克爾來福 1 Dose – CoronaVac	2.7%	5.1%	4.6%	9.0%	9.6%	11.9%	15.8%	14.8%	20.4%	14.5%			
接種一劑復必泰 1 Dose – Comirnaty	5.1%	5.1%	2.5%	1.3%	2.8%	3.0%	3.0%	1.9%	2.0%	1.1%			
接種一劑其他疫苗 1 Dose – Others	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
接種兩劑克爾來福 2 Doses – CoronaVac	11.9%	5.1%	25.0%	14.7%	29.6%	12.6%	27.8%	10.9%	20.4%	8.4%			
接種兩劑復必泰 2 Doses – Comirnaty	51.4%	20.5%	30.5%	11.5%	20.5%	5.7%	13.6%	3.2%	5.6%	1.1%			
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%			
接種三劑克爾來福 3 Doses – CoronaVac	4.4%	2.6%	13.4%	1.6%	13.5%	1.2%	11.4%	1.2%	4.1%	0.4%			
接種三劑復必泰 3 Doses – Comirnaty	9.7%	2.6%	11.0%	1.3%	7.5%	0.9%	5.0%	0.3%	1.4%	0.1%			
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	1.9%	2.6%	4.2%	0.0%	3.7%	0.5%	2.4%	0.1%	0.6%	0.1%			
總計 Grand total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%			

[#]包括已接種一劑但未滿 14 天的人士 Including those that have received 1 dose but not yet reached 14 days

以年齡組別及疫苗接種情況(在本地或其他地方接種)劃分之香港人口 Hong Kong Population by Age Group and Vaccination Status (taken in Hong Kong/elsewhere)

疫苗接種情況(滿14天)					年齡組別 A	ge Group^					總計
Vaccination Status (reached 14 days)	<3	3 - 11	12 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80+	Grand Total
2021年年底人口 End-2021 resident population	123,600	502,600	447,300	771,900	1,094,500	1,160,300	1,191,300	1,122,100	591,300	398,200	7,403,100
沒有接種疫苗# Unvaccinated # *	124,000	117,000	.	_ @	_ @	. @	9,000	110,000	99,000	121,000	580,000
接種一劑疫苗總計 1 Dose – Overall	N/A	81,114	30,000	21,996	30,319	22,707	23,925	31,610	22,951	24,429	289,051
接種一劑克爾來福 1 Dose – CoronaVac	N/A	57,137	5,753	5,503	11,485	12,145	15,062	22,584	18,153	21,240	169,062
接種一劑復必泰 1 Dose – Comirnaty	N/A	23,776	24,016	16,010	18,309	10,249	8,650	8,912	4,760	3,176	117,858
接種一劑其他 1 Dose – Others	N/A	201	231	483	525	313	213	114	38	13	2,131
接種兩劑疫苗總計 2 Doses – Overall	N/A	292,794	209,608	262,706	331,431	280,981	273,992	265,370	153,864	123,729	2,194,475
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	224,270	39,608	45,449	86,438	110,016	140,105	158,469	108,782	102,713	1,015,850
接種兩劑復必泰 2 Doses – Comirnaty	N/A	64,523	163,880	204,962	233,532	163,253	127,642	102,123	43,078	20,404	1,123,397
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	4,001	6,120	12,295	11,461	7,712	6,245	4,778	2,004	612	55,228
接種三劑疫苗總計 3 Doses - Overall	N/A	11,719	219,953	528,122	765,296	882,844	865,278	636,044	278,013	119,156	4,306,425
接種三劑克爾來福 3 Doses – CoronaVac	N/A	11,169	16,546	61,805	144,631	255,238	320,231	288,914	152,018	81,582	1,332,134
接種三劑復必泰 3 Doses – Comirnaty	N/A	41	174,776	385,832	526,013	505,304	421,892	266,364	97,280	29,022	2,406,524
接種三劑克爾來福和復必泰組合 3 Doses – Combination of CoronaVac and Comirnaty	N/A	160	14,198	34,356	63,392	94,203	96,816	63,637	22,452	7,394	396,608
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	349	14,433	46,129	31,260	28,099	26,339	17,129	6,263	1,158	171,159
接種四劑疫苗總計 4 Doses – Overall	N/A	0	226	2,103	5,248	9,258	18,913	78,788	37,530	10,199	162,265
接種四劑克爾來福 4 Doses – CoronaVac	N/A	0	37	429	1,455	3,156	6,831	32,296	17,218	5,483	66,905
接種四劑復必泰 4 Doses – Comirnaty	N/A	0	46	464	1,689	2,779	5,899	24,027	11,026	2,774	48,704
接種四劑克爾來福和復必泰組合 4 Doses – Combination of CoronaVac and Comirnaty	N/A	0	24	551	1,294	2,401	4,866	19,723	7,864	1,647	38,370
接種四劑其他疫苗組合 4 Doses – Other vaccine combination	N/A	0	119	659	810	922	1,317	2,742	1,422	295	8,286

- ^ 年齡是根據接種第一劑疫苗的日期計算。Age is calculated based on the date of first vaccine dose.
- # 包括已接種一劑但未滿14天的人士。Including those that have received 1 dose but not yet reached 14 days.
- * 估算沒有接種疫苗的人口是基於2021年年底人口數字(臨時數字)和曾經在本地或其他地方接種疫苗人口的相差推算所得。
 Estimated unvaccinated population is derived by the difference between the end-2021 resident population (provisional figure) and the population ever vaccinated in Hong Kong/elsewhere.
- @ 2019冠狀病毒病疫苗接種計劃下的合資格接種人士,除了香港居民外,還包括以下類別的非香港居民:(1)持「往來港澳通行證」(慣稱「雙程證」)獲准逗留香港,並且無需延期也可以在逗留期限屆滿前完成接種兩劑疫苗的訪客;(2)免遣返申請人及獲聯合國難民署確認為難民的人士;及(3)在香港逗留的其他訪客(必須持有有效旅遊證件在香港合法逗留,並且無需延期而可以在逗留期限屆滿前完成接種兩劑疫苗)。這些合資格接種的非香港居民或未有包含在合資格接種人口基數內。所以,已在香港/其他地方接種至少一劑的人口數字可能多過香港居民人口數字。此外,由於有關的人口基數非實時數字,與實際情況或會有偏差,因此,沒有接種疫苗的估算人口可以是負數而沒有在報告中顯示。Apart from Hong Kong residents, eligible persons under the COVID-19 Vaccination Programme also include the following categories of non-Hong Kong residents: (1) holders of the Exit-entry Permit for Travelling to and from Hong Kong and Macao who can complete two doses of vaccination within their limit of stay without extension; (2) non-refoulement claimants and refugees recognised by the Office of the United Nations High Commissioner for Refugees; and (3) other visitors staying in Hong Kong (holders of valid travel documents who are allowed to stay in Hong Kong as permitted by the law, and can complete two doses of vaccination within their limit of stay without extension). Therefore, the population ever vaccinated in Hong Kong/elsewhere may be greater than the Hong Kong resident population. Separately, the relevant baseline population is not based on real time figures and there may be deviations from the actual situation. As a result, the estimated unvaccinated population may be a negative number and thus not shown in the report.

有用資訊 Useful Information



https://www.covidvaccine.gov.hk/pdf/5th_wave_statistics.pdf



死亡個案報告初步分析數據資料庫

https://www.coronavirus.gov.hk/chi/death_analysis.html



Archive of Statistics on Provisional Analysis on Reported Death Cases

https://www.coronavirus.gov.hk/eng/death_analysis.html



更多相關數據

https://www.chp.gov.hk/files/pdf/local_situation_covid19_tc.pdf



More relevant statistics

https://www.chp.gov.hk/files/pdf/local_situation_covid19_en.pdf



立即預約接種疫苗

https://booking.covidvaccine.gov.hk/forms/index_tc.jsp



Book vaccination now

https://booking.covidvaccine.gov.hk/forms/index.jsp



2019冠狀病毒病疫苗接種計劃專題網站

https://www.covidvaccine.gov.hk/zh-Hk



COVID-19 Vaccination Programme Thematic Website https://www.covidvaccine.gov.hk/en



2019冠狀病毒病專題網站

https://www.coronavirus.gov.hk/chi/index.html



COVID-19 Thematic Website

https://www.coronavirus.gov.hk/eng/index.html

