

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5月18日00:00)

Provisional Data Analysis on COVID-19 Reported Death Cases

(from 31 Dec 2021 up till 18 May 2022 00:00)



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資料來源：衛生署衛生防護中心 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

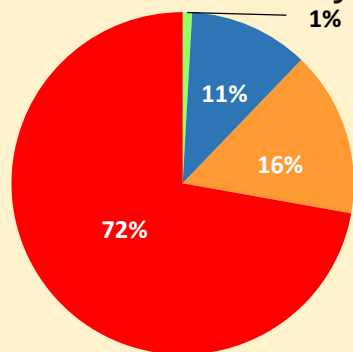
新冠疫苗能保護個人，預防2019冠狀病毒病的嚴重疾病和併發症。在本港，接種兩或三劑新冠疫苗個案的死亡率遠低於未接種的個案。就此，政府強烈建議合資格人士（尤其是12歲以下及60歲以上人士）應盡快接種疫苗。

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	9,152
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

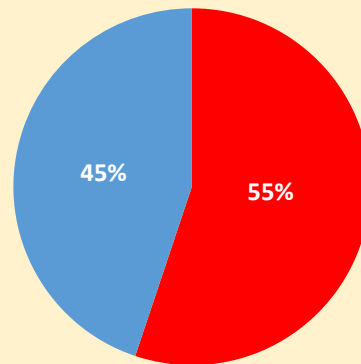


- 已接種三劑(滿14天) Received 3 doses (reached 14 days)
- 已接種兩劑(滿14天) Received 2 doses (reached 14 days)
- 已接種一劑(滿14天) Received 1 dose (reached 14 days)
- 沒有接種疫苗# Unvaccinated#

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

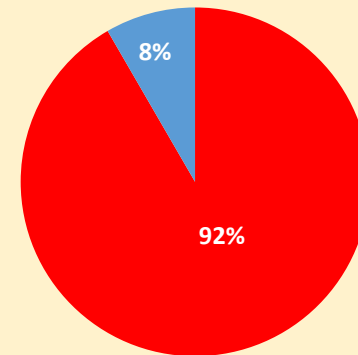
居住院舍情況* Residential Care Home (RCH) Status



- 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

長期病患歷史情況* History of Known Chronic Diseases



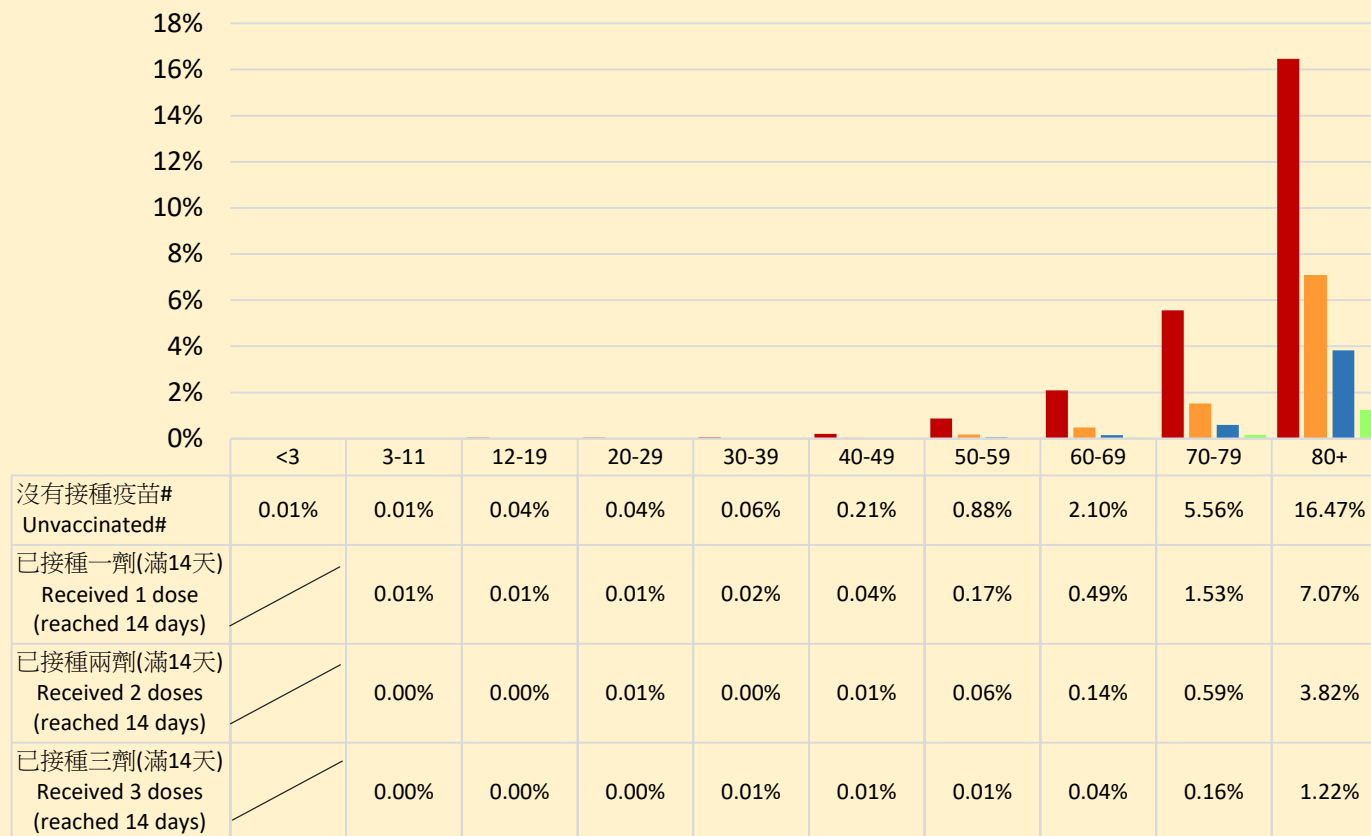
- 已知有長期病患 With known chronic diseases
- 沒有長期病患歷史 No history of chronic diseases

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。

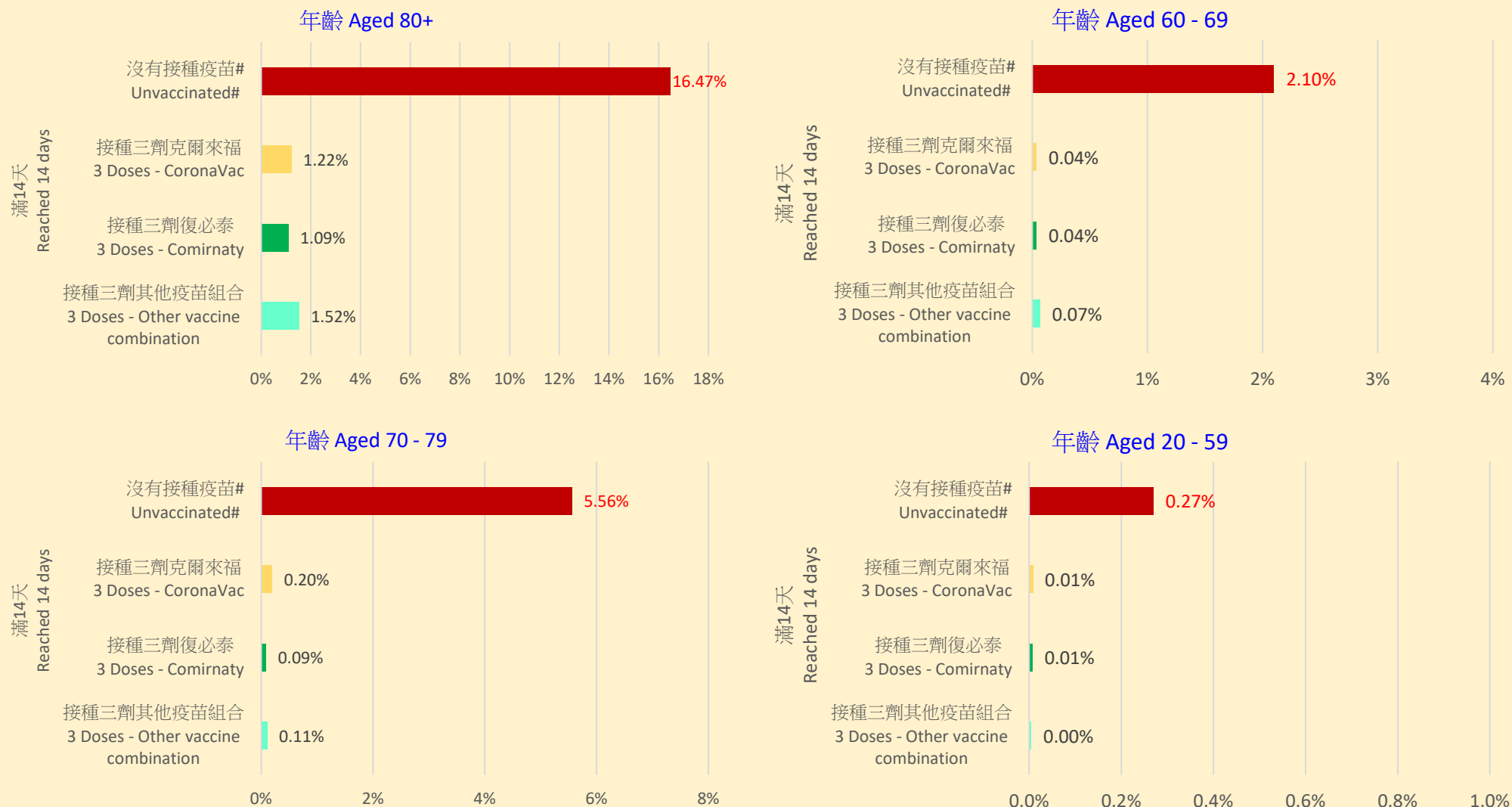
It is counted based on the date of case reporting of each reported case with respect to the date of vaccination to arrive at the time interval. This additional counting method for 'no. of vaccine doses received' is implemented starting from 7 April 2022, including all retrospective data.

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 as at case report date)	年齡組別 Age Group											總計 Grand Total
	<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	0.01%	0.01%	0.01%	0.01%	0.01%	0.03%	0.13%	0.43%	1.80%	10.44%	0.01%	0.77%
沒有接種疫苗# Unvaccinated#	0.01%	0.01%	0.04%	0.04%	0.06%	0.21%	0.88%	2.10%	5.56%	16.47%	N/A	3.04%
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%	1.53%	7.07%	N/A	1.03%
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%	0.51%	1.61%	7.20%	N/A	1.48%
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%	1.08%	5.73%	N/A	0.26%
接種一劑其他 1 Dose – Others	N/A	0.00%	N/A	0.00%	0.00%	0.00%	N/A	0.00%	N/A	N/A	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%	0.14%	0.59%	3.82%	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%	0.69%	4.36%	N/A	0.35%
接種兩劑復必泰 2 Doses – Comirnaty	N/A	0.00%	0.00%	0.00%	0.00%	0.01%	0.04%	0.10%	0.39%	1.96%	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%	0.16%	1.22%	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%	0.04%	0.20%	1.22%	N/A	0.06%
接種三劑復必泰 3 Doses – Comirnaty	N/A	0.00%	0.00%	0.00%	0.01%	0.02%	0.00%	0.04%	0.09%	1.09%	N/A	0.03%
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	0.00%	0.00%	0.00%	0.03%	0.00%	0.00%	0.07%	0.11%	1.52%	N/A	0.04%

- 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）

臨時數據
Provisional data

Number of Reported Locally Acquired COVID-19 Cases (By PCR or RAT) 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） Vaccination Status (reached 14 days as at case report date)	年齡組別 Age Group											總計 Grand Total
	<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	12,476	60,550	47,052	139,012	196,299	193,390	196,368	177,419	84,978	62,253	25,085	1,194,882
沒有接種疫苗# Unvaccinated#	12,476	46,938	7,016	17,859	26,198	17,518	17,358	23,622	18,698	29,449	N/A	217,132
接種一劑疫苗總計 1 Dose – Overall	N/A	12,786	13,652	10,662	17,078	13,931	15,652	23,522	16,906	14,407	N/A	138,596
接種一劑克爾來福 1 Dose – CoronaVac	N/A	11,347	2,215	2,777	6,865	8,173	11,062	18,195	14,222	13,134	N/A	87,990
接種一劑復必泰 1 Dose – Comirnaty	N/A	1,437	11,437	7,883	10,210	5,756	4,590	5,321	2,684	1,273	N/A	50,591
接種一劑其他 1 Dose – Others	N/A	2	0	2	3	2	0	6	0	0	N/A	15
接種兩劑疫苗總計 2 Doses – Overall	N/A	820	25,478	98,897	124,491	114,310	113,937	92,430	36,020	15,617	N/A	622,000
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	810	2,820	14,155	27,474	42,966	59,264	54,316	23,989	12,127	N/A	237,921
接種兩劑復必泰 2 Doses – Comirnaty	N/A	7	22,620	84,564	96,775	71,055	54,419	37,915	11,973	3,475	N/A	382,803
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	3	38	178	242	289	254	199	58	15	N/A	1,276
接種三劑疫苗總計 3 Doses – Overall	N/A	6	906	11,594	28,532	47,631	49,421	37,845	13,354	2,780	N/A	192,069
接種三劑克爾來福 3 Doses – CoronaVac	N/A	1	214	3,421	9,871	21,567	26,227	21,082	8,095	1,810	N/A	92,288
接種三劑復必泰 3 Doses – Comirnaty	N/A	4	564	6,508	14,896	18,733	15,539	10,839	3,417	642	N/A	71,142
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	1	128	1,665	3,765	7,331	7,655	5,924	1,842	328	N/A	28,639

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） Vaccination Status (reached 14 days as at case report date)	年齡組別 Age Group											總計 Grand Total
	<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	1	6	5	14	25	61	247	760	1,531	6,500	2	9,152
沒有接種疫苗# Unvaccinated#	1	5	3	7	15	37	152	495	1,039	4,850	N/A	6,604
接種一劑疫苗總計 1 Dose – Overall	N/A	1	1	1	3	5	27	115	258	1,019	N/A	1,430
接種一劑克爾來福 1 Dose – CoronaVac	N/A	1	0	1	1	5	23	92	229	946	N/A	1,298
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	15	65	134	213	597	N/A	1,035
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	0	0	2	0	5	41	95	166	529	N/A	838
接種兩劑復必泰 2 Doses – Comirnaty	N/A	0	1	4	4	10	24	39	47	68	N/A	197
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	3	16	21	34	N/A	81
接種三劑克爾來福 3 Doses – CoronaVac	N/A	0	0	0	1	1	3	8	16	22	N/A	51
接種三劑復必泰 3 Doses – Comirnaty	N/A	0	0	0	1	3	0	4	3	7	N/A	18
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
on % Distribution of Vaccination Status by Age Groups of 20 or above

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)	年齡組別 Age groups									
	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 #	13.1%	56.4%	8.9%	61.4%	13.3%	65.1%	22.0%	67.9%	47.3%	74.6%
接種一劑克爾來福 1 Dose – CoronaVac	2.9%	5.1%	4.9%	9.1%	10.3%	12.1%	16.7%	15.0%	21.1%	14.6%
接種一劑復必泰 1 Dose – Comirnaty	5.4%	5.1%	2.7%	1.3%	3.0%	3.0%	3.2%	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	12.4%	5.1%	26.2%	14.9%	30.6%	12.5%	28.2%	10.8%	19.5%	8.1%
接種兩劑復必泰 2 Doses – Comirnaty	54.1%	20.5%	32.2%	11.0%	21.4%	5.1%	14.1%	3.1%	5.6%	1.0%
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	4.0%	2.6%	12.3%	1.3%	11.9%	1.1%	9.5%	1.0%	2.9%	0.3%
接種三劑復必泰 3 Doses – Comirnaty	6.4%	2.6%	8.8%	1.0%	6.1%	0.5%	4.0%	0.2%	1.0%	0.1%
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	1.6%	2.6%	3.8%	0.0%	3.3%	0.5%	2.2%	0.1%	0.5%	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) Vaccination Status (reached 14 days)	年齡組別 Age Group^										總計 Grand Total
	<3	3 - 11	12 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80+	
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	145,000	-	-	-	-	25,000	129,000	114,000	142,000	679,000
接種一劑疫苗總計 1 Dose – Overall	N/A	131,277	61,589	32,647	43,697	34,267	37,305	52,456	41,221	48,412	482,871
接種一劑克爾來福 1 Dose – CoronaVac	N/A	74,723	9,829	8,845	17,778	19,577	24,942	39,227	34,051	43,951	272,923
接種一劑復必泰 1 Dose – Comirnaty	N/A	56,469	51,565	23,266	25,406	14,350	12,112	13,109	7,124	4,445	207,846
接種一劑其他 1 Dose – Others	N/A	85	195	536	513	340	251	120	46	16	2,102
接種兩劑疫苗總計 2 Doses – Overall	N/A	225,708	279,862	437,612	497,345	421,996	407,296	395,915	224,458	147,504	3,037,696
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	200,283	44,166	65,483	119,759	158,815	203,097	235,876	156,746	117,949	1,302,174
接種兩劑復必泰 2 Doses – Comirnaty	N/A	24,253	231,212	359,289	366,425	255,400	197,971	155,322	65,902	29,129	1,684,903
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	1,172	4,484	12,840	11,161	7,781	6,228	4,717	1,810	426	50,619
接種三劑疫苗總計 3 Doses – Overall	N/A	154	105,446	325,030	569,635	723,310	717,562	504,498	192,555	56,317	3,194,507
接種三劑克爾來福 3 Doses – CoronaVac	N/A	91	7,058	43,323	111,013	207,542	257,111	211,928	91,287	30,961	960,314
接種三劑復必泰 3 Doses – Comirnaty	N/A	19	87,737	227,996	391,263	416,949	355,626	221,830	77,117	19,338	1,797,875
接種三劑克爾來福和復必泰組合 3 Doses – Combination of CoronaVac and Comirnaty	N/A	9	6,643	24,511	50,705	83,078	88,937	59,976	19,950	5,188	338,997
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	35	4,008	29,200	16,654	15,741	15,888	10,764	4,201	830	97,321
接種四劑疫苗總計 4 Doses – Overall	N/A	0	17	16	52	170	3,965	40,717	18,722	4,366	68,025
接種四劑克爾來福 4 Doses – CoronaVac	N/A	0	4	3	14	51	1,490	16,575	8,391	2,256	28,784
接種四劑復必泰 4 Doses – Comirnaty	N/A	0	11	5	27	88	1,325	11,497	5,255	1,176	19,384
接種四劑克爾來福和復必泰組合 4 Doses – Combination of CoronaVac and Comirnaty	N/A	0	1	3	10	24	1,120	12,008	4,788	866	18,820
接種四劑其他疫苗組合 4 Doses – Other vaccine combination	N/A	0	1	5	1	7	30	637	288	68	1,037

^ 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

N/A = 不適用 Not applicable

有用資訊 Useful Information

第5波最新疫情 Latest Epidemic Situation of 5th Wave

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>

