

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4日00:00)

Provisional Data Analysis on COVID-19 Reported Death Cases

(from 31 Dec 2021 up till 4 May 2022 00:00)



版本日期：2022年5月5日

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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

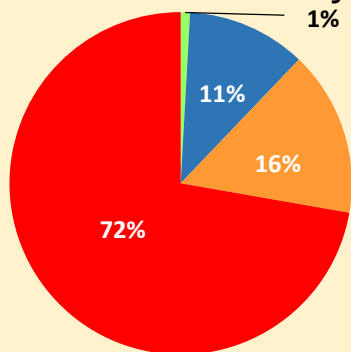
新冠疫苗能保護個人，預防2019冠狀病毒病的嚴重疾病和併發症。在本港，接種兩或三劑新冠疫苗個案的死亡率遠低於未接種的個案。就此，政府強烈建議合資格人士（尤其是12歲以下及60歲以上人士）應盡快接種疫苗。

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	9,115
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	1.43

疫苗接種史* Vaccination History

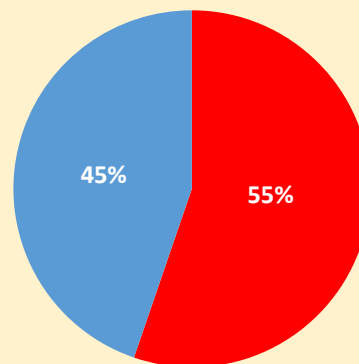


- 已接種三劑(滿14天) Received 3 doses (reached 14 days)
- 已接種兩劑(滿14天) Received 2 doses (reached 14 days)
- 已接種一劑(滿14天) Received 1 dose (reached 14 days)
- 沒有接種疫苗# Unvaccinated#

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

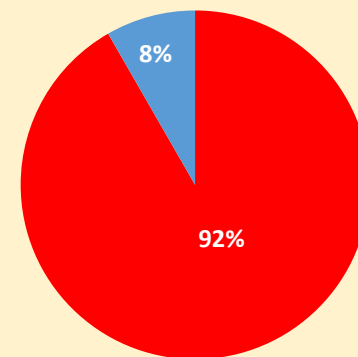
居住院舍情況* Residential Care Home (RCH) Status



- 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



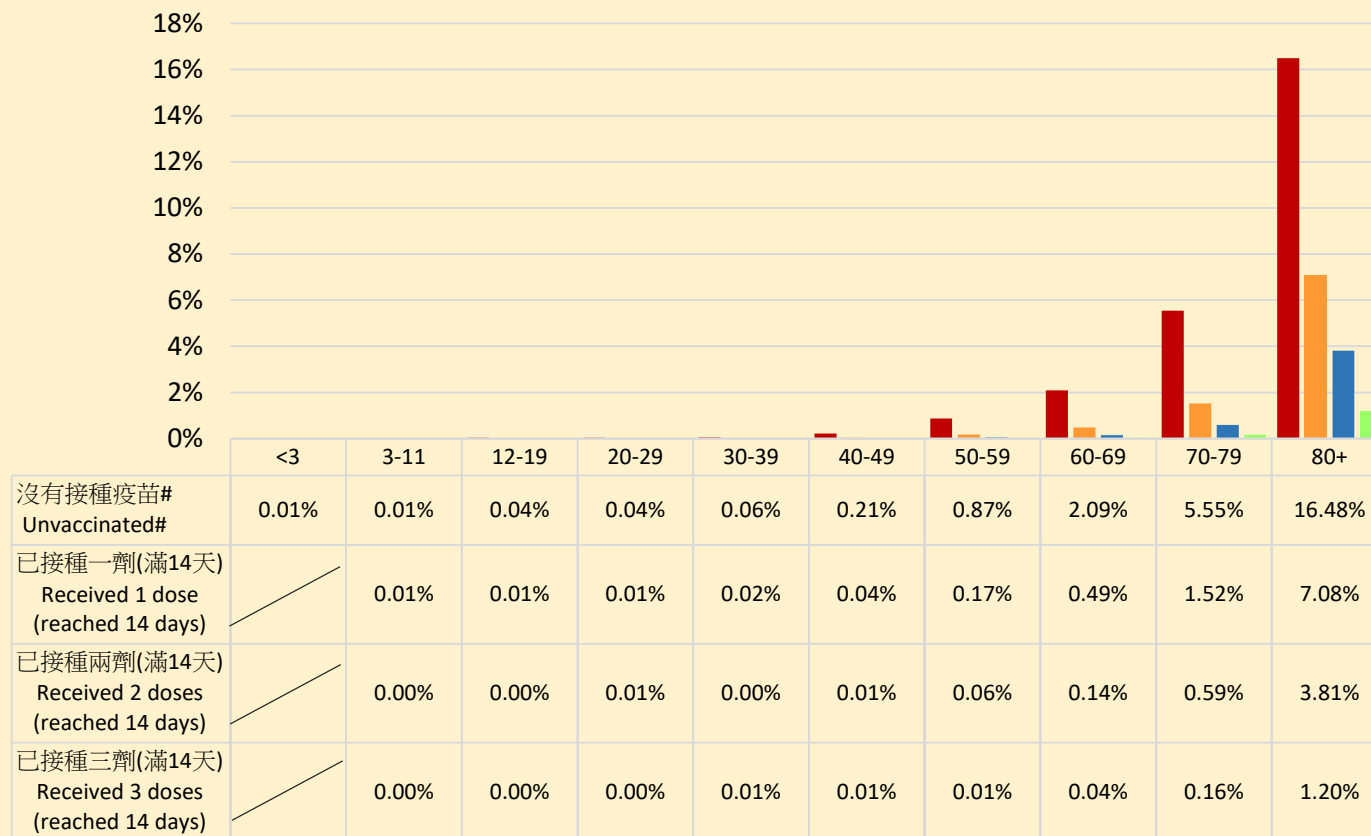
- 已知有長期病患 With known chronic diseases
- 沒有長期病患歷史 No history of chronic diseases

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。

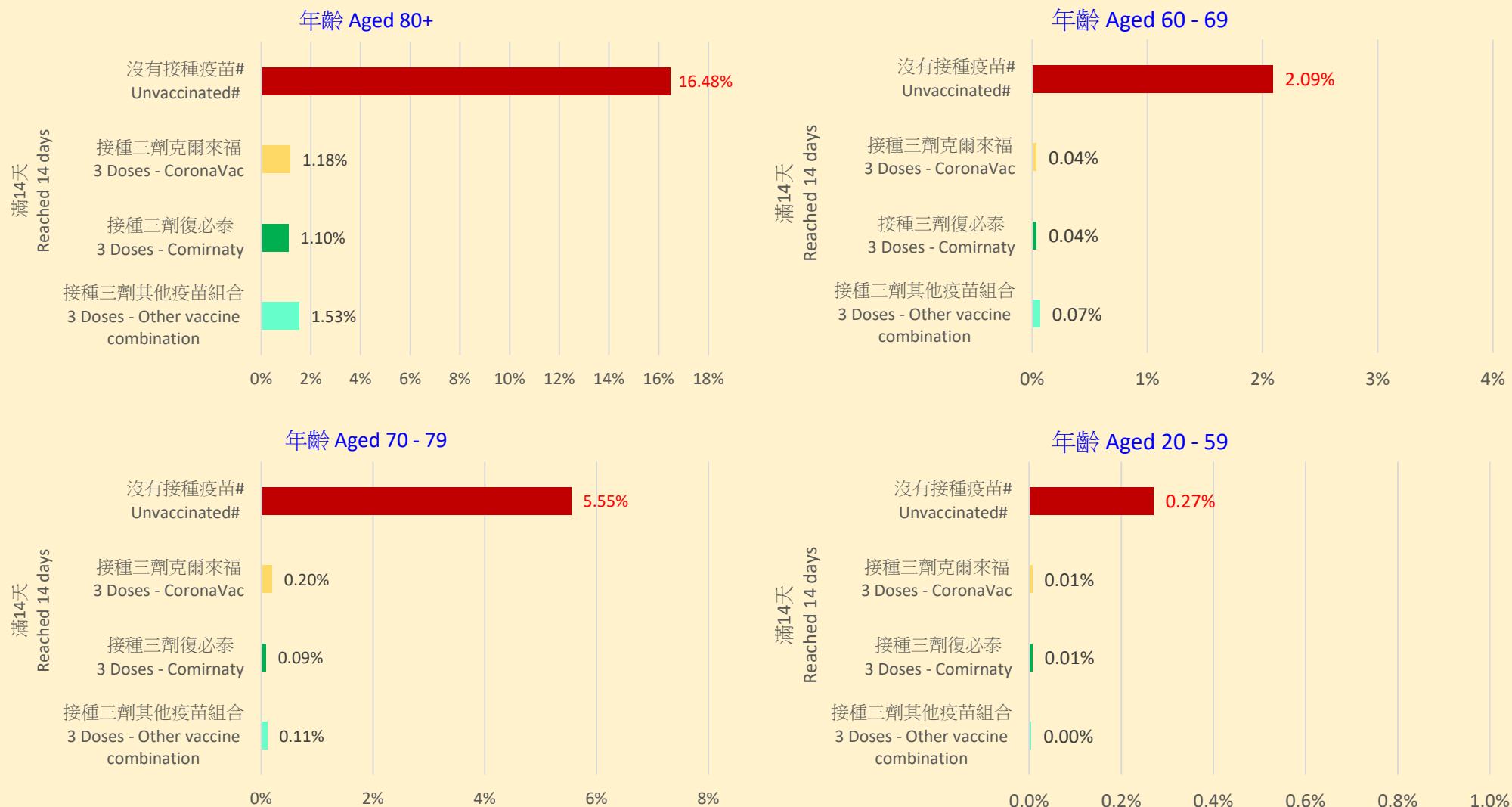
It is counted based on the date of case reporting of each reported case with respect to the date of vaccination to arrive at the time interval. This additional counting method for 'no. of vaccine doses received' is implemented starting from 7 April 2022, including all retrospective data.

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+



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

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%	10.46%	0.01%	0.77%
沒有接種疫苗# Unvaccinated#	0.01%	0.01%	0.04%	0.04%	0.06%	0.21%	0.87%	2.09%	5.55%	16.48%	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%	1.52%	7.08%	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%	0.50%	1.60%	7.21%	N/A	1.47%
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%	5.68%	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%	3.81%	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%	0.70%	4.36%	N/A	0.35%
接種兩劑復必泰 2 Doses – Comirnaty	N/A	N/A	0.00%	0.00%	0.00%	0.01%	0.04%	0.10%	0.39%	1.94%	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%	1.20%	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%	1.18%	N/A	0.05%
接種三劑復必泰 3 Doses – Comirnaty	N/A	N/A	0.00%	0.00%	0.01%	0.02%	0.00%	0.04%	0.09%	1.10%	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%	1.53%	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	12,424	60,309	46,813	138,595	195,730	192,922	195,954	176,920	84,621	61,919	25,091	1,191,298
沒有接種疫苗# Unvaccinated#	12,424	46,859	6,995	17,811	26,114	17,468	17,313	23,554	18,645	29,351	N/A	216,534
接種一劑疫苗總計 1 Dose – Overall	N/A	12,742	13,574	10,631	17,036	13,897	15,615	23,463	16,856	14,345	N/A	138,159
接種一劑克爾來福 1 Dose – CoronaVac	N/A	11,326	2,204	2,772	6,849	8,153	11,032	18,153	14,182	13,078	N/A	87,749
接種一劑復必泰 1 Dose – Comirnaty	N/A	1,414	11,370	7,857	10,184	5,742	4,583	5,304	2,674	1,267	N/A	50,395
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	706	25,359	98,653	124,259	114,144	113,807	92,243	35,871	15,475	N/A	620,517
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	703	2,800	14,129	27,435	42,901	59,199	54,200	23,879	12,007	N/A	237,253
接種兩劑復必泰 2 Doses – Comirnaty	N/A	0	22,521	84,346	96,583	70,954	54,354	37,844	11,934	3,453	N/A	381,989
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	3	38	178	241	289	254	199	58	15	N/A	1,275
接種三劑疫苗總計 3 Doses – Overall	N/A	2	885	11,500	28,321	47,413	49,219	37,660	13,249	2,748	N/A	190,997
接種三劑克爾來福 3 Doses – CoronaVac	N/A	1	212	3,406	9,827	21,494	26,139	20,986	8,032	1,785	N/A	91,882
接種三劑復必泰 3 Doses – Comirnaty	N/A	0	546	6,440	14,750	18,605	15,450	10,767	3,394	637	N/A	70,589
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	1	127	1,654	3,744	7,314	7,630	5,907	1,823	326	N/A	28,526

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	246	755	1,524	6,476	2	9,115
沒有接種疫苗# Unvaccinated#	1	5	3	7	15	37	151	493	1,034	4,838	N/A	6,584
接種一劑疫苗總計 1 Dose – Overall	N/A	1	1	1	3	5	27	114	256	1,015	N/A	1,423
接種一劑克爾來福 1 Dose – CoronaVac	N/A	1	0	1	1	5	23	91	227	943	N/A	1,292
接種一劑復必泰 1 Dose – Comirnaty	N/A	0	1	0	2	0	4	23	29	72	N/A	131
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	132	213	590	N/A	1,026
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	0	0	2	0	5	41	93	166	523	N/A	830
接種兩劑復必泰 2 Doses – Comirnaty	N/A	0	1	4	4	10	24	39	47	67	N/A	196
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	33	N/A	80
接種三劑克爾來福 3 Doses – CoronaVac	N/A	0	0	0	1	1	3	8	16	21	N/A	50
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%	61.2%	13.3%	65.3%	22.0%	67.8%	47.4%	74.7%
接種一劑克爾來福 1 Dose – CoronaVac	2.9%	5.1%	4.9%	9.1%	10.3%	12.1%	16.8%	14.9%	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%	26.3%	15.0%	30.6%	12.3%	28.2%	10.9%	19.4%	8.1%
接種兩劑復必泰 2 Doses – Comirnaty	54.1%	20.5%	32.2%	11.1%	21.4%	5.2%	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%	12.2%	1.3%	11.9%	1.1%	9.5%	1.0%	2.9%	0.3%
接種三劑復必泰 3 Doses – Comirnaty	6.3%	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%	100%	100%	100%	100%	100%	100%	100%	100%	100%

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	160,000	4,000	-	-	-	29,000	134,000	120,000	151,000	722,000
接種一劑疫苗總計 1 Dose – Overall	N/A	153,210	73,855	40,977	53,849	42,303	45,061	60,389	45,399	49,991	565,034
接種一劑克爾來福 1 Dose – CoronaVac	N/A	81,366	10,864	10,800	21,860	24,129	30,043	44,898	37,277	44,958	306,195
接種一劑復必泰 1 Dose – Comirnaty	N/A	71,762	62,794	29,643	31,483	17,832	14,761	15,370	8,071	5,018	256,734
接種一劑其他 1 Dose – Others	N/A	82	197	534	506	342	257	121	51	15	2,105
接種兩劑疫苗總計 2 Doses – Overall	N/A	189,407	274,463	452,845	512,719	435,428	421,797	403,563	224,642	141,550	3,056,414
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	183,427	43,129	65,508	119,294	160,082	206,741	236,718	154,400	111,662	1,280,961
接種兩劑復必泰 2 Doses – Comirnaty	N/A	5,206	227,070	374,699	382,676	267,746	208,924	162,131	68,470	29,502	1,726,424
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	774	4,264	12,638	10,749	7,600	6,132	4,714	1,772	386	49,029
接種三劑疫苗總計 3 Doses – Overall	N/A	98	95,432	296,889	538,361	697,884	692,681	498,687	189,683	52,940	3,062,655
接種三劑克爾來福 3 Doses – CoronaVac	N/A	61	6,027	41,157	106,759	201,299	248,436	210,849	90,460	28,876	933,924
接種三劑復必泰 3 Doses – Comirnaty	N/A	8	79,680	204,638	367,456	400,799	342,066	216,109	74,774	18,126	1,703,656
接種三劑克爾來福和復必泰組合 3 Doses – Combination of CoronaVac and Comirnaty	N/A	6	6,015	23,376	48,992	81,227	87,416	61,547	20,473	5,136	334,188
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	23	3,710	27,718	15,154	14,559	14,763	10,182	3,976	802	90,887
接種四劑疫苗總計 4 Doses – Overall	N/A	0	15	9	39	116	2,365	25,048	11,484	2,530	41,606
接種四劑克爾來福 4 Doses – CoronaVac	N/A	0	3	0	9	26	849	9,537	4,800	1,240	16,464
接種四劑復必泰 4 Doses – Comirnaty	N/A	0	10	3	22	70	783	7,090	3,273	701	11,952
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	7	15	716	8,092	3,232	557	12,623
接種四劑其他疫苗組合 4 Doses – Other vaccine combination	N/A	0	1	3	1	5	17	329	179	32	567

^ 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>

