

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4月27日00:00)

Provisional Data Analysis on COVID-19 Reported Death Cases

(from 31 Dec 2021 up till 27 April 2022 00:00)



版本日期：2022年4月28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

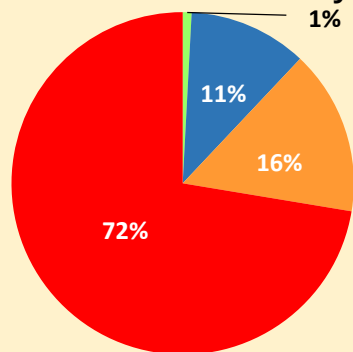
新冠疫苗能保護個人，預防2019冠狀病毒病的嚴重疾病和併發症。在本港，接種兩或三劑新冠疫苗個案的死亡率遠低於未接種的個案。就此，政府強烈建議合資格人士（尤其是12歲以下及60歲以上人士）應盡快接種疫苗。

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	9,069
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

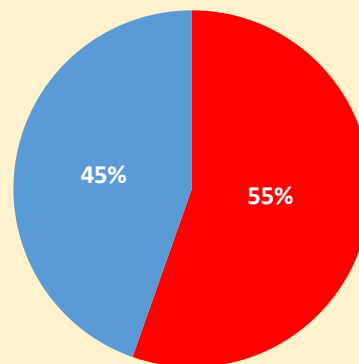


- 已接種三劑(滿14天) Received 3 doses (reached 14 days)
- 已接種兩劑(滿14天) Received 2 doses (reached 14 days)
- 已接種一劑(滿14天) Received 1 dose (reached 14 days)
- 沒有接種疫苗# Unvaccinated#

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

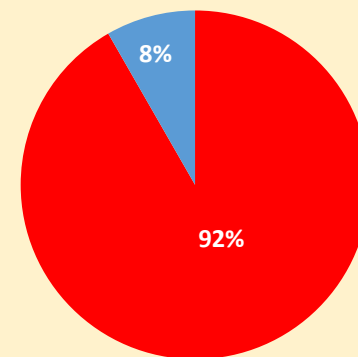
居住院舍情況* Residential Care Home (RCH) Status



- 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



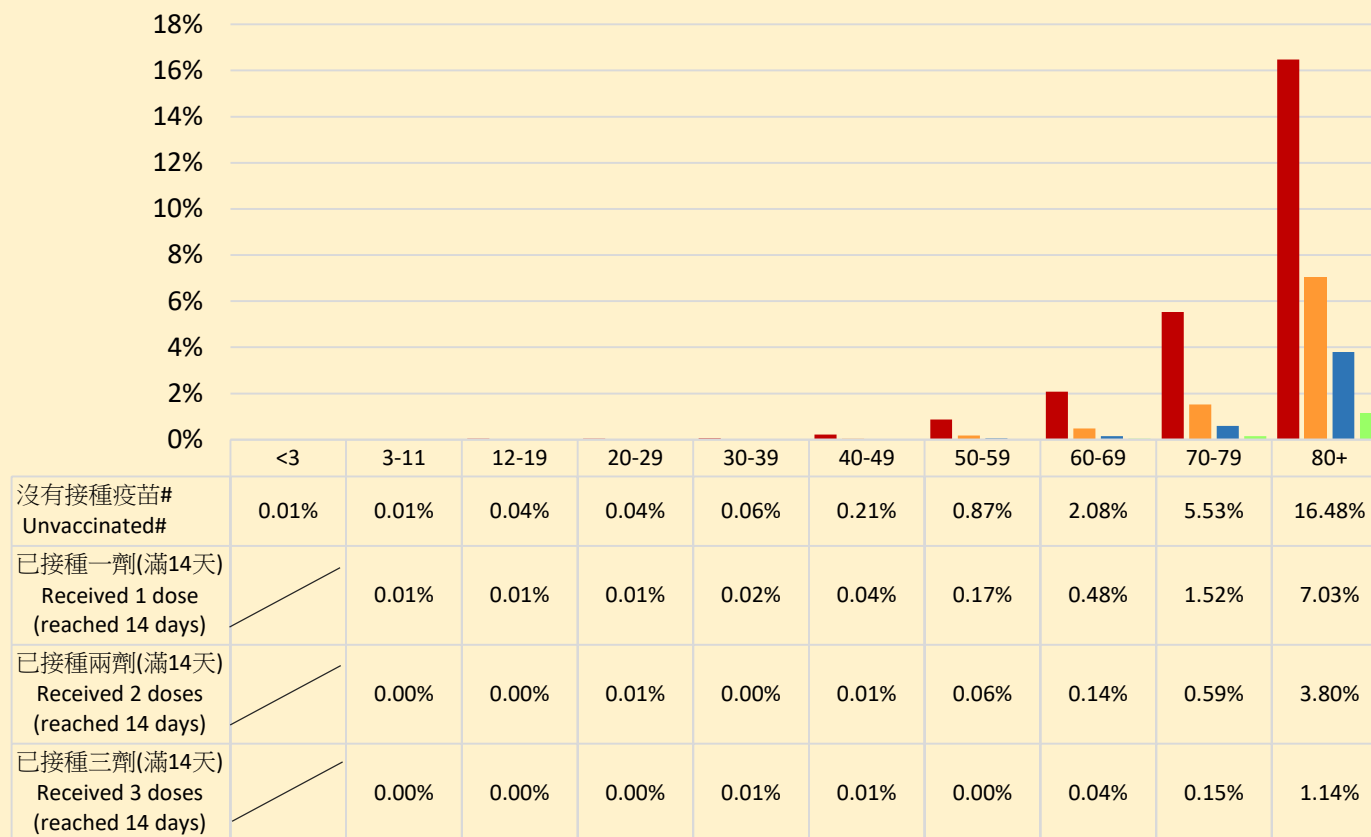
- 已知有長期病患 With known chronic diseases
- 沒有長期病患歷史 No history of chronic diseases

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。

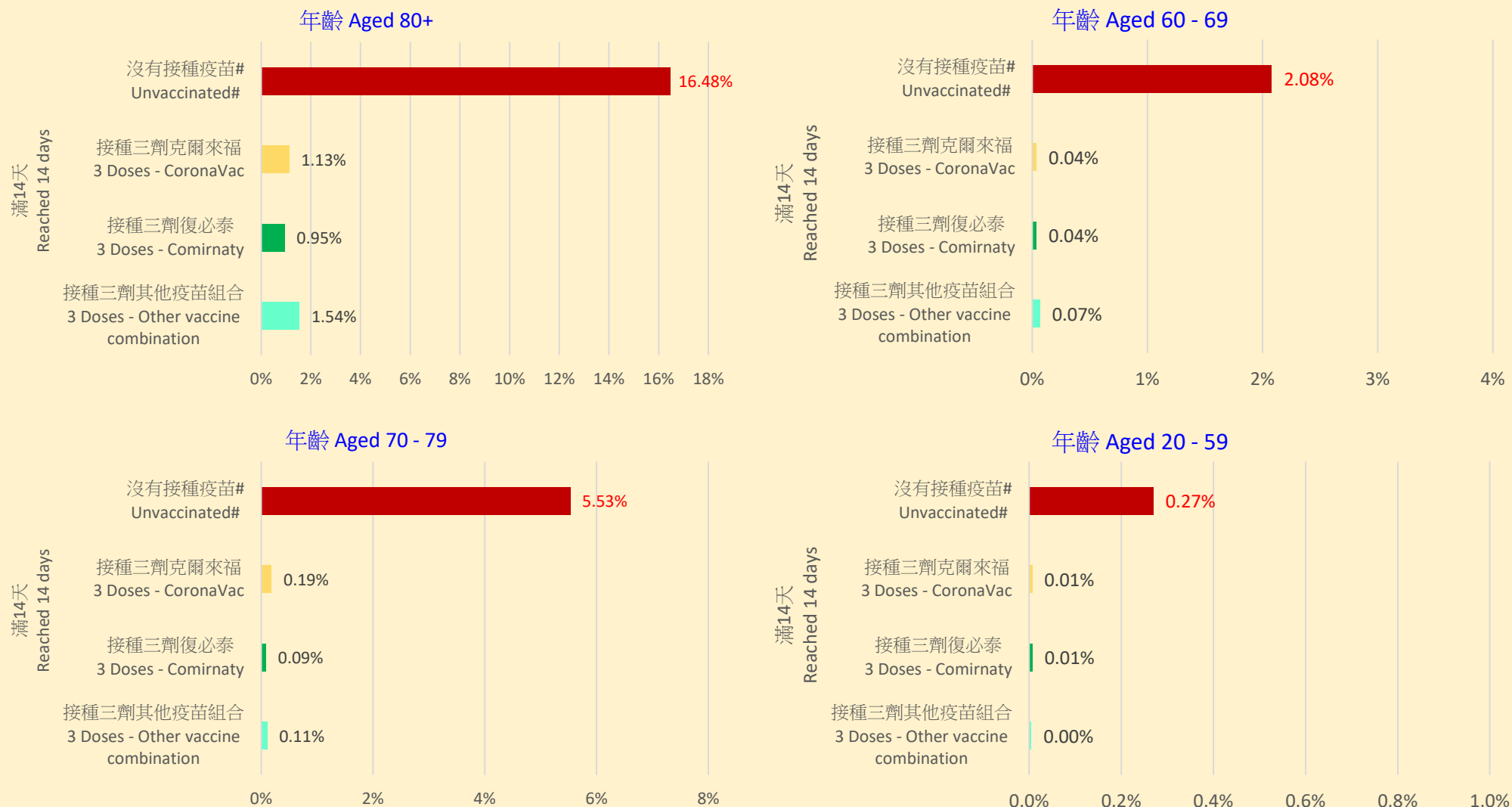
It is counted based on the date of case reporting of each reported case with respect to the date of vaccination to arrive at the time interval. This additional counting method for 'no. of vaccine doses received' is implemented starting from 7 April 2022, including all retrospective data.

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+



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%	0.12%	0.42%	1.79%	10.45%	0.01%	0.76%
沒有接種疫苗# Unvaccinated#	0.01%	0.01%	0.04%	0.04%	0.06%	0.21%	0.87%	2.08%	5.53%	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%	0.48%	1.52%	7.03%	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%	7.17%	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%	1.09%	5.62%	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%	3.80%	N/A	0.16%
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	N/A	0.00%	0.00%	0.00%	0.01%	0.04%	0.10%	0.38%	1.86%	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%	0.00%	0.04%	0.15%	1.14%	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%	0.19%	1.13%	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%	0.95%	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%	0.03%	0.00%	0.00%	0.07%	0.11%	1.54%	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。
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- 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	12,396	60,158	46,677	138,362	195,416	192,645	195,678	176,556	84,372	61,708	25,140	1,189,108
沒有接種疫苗# Unvaccinated#	12,396	46,792	6,978	17,785	26,069	17,439	17,278	23,507	18,601	29,292	N/A	216,137
接種一劑疫苗總計 1 Dose – Overall	N/A	12,690	13,526	10,583	17,003	13,870	15,605	23,432	16,818	14,303	N/A	137,830
接種一劑克爾來福 1 Dose – CoronaVac	N/A	11,293	2,198	2,763	6,829	8,138	11,027	18,127	14,151	13,040	N/A	87,566
接種一劑復必泰 1 Dose – Comirnaty	N/A	1,395	11,328	7,818	10,171	5,730	4,578	5,299	2,667	1,263	N/A	50,249
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	674	25,302	98,534	124,127	114,044	113,709	92,093	35,763	15,386	N/A	619,632
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	671	2,789	14,120	27,412	42,875	59,144	54,102	23,808	11,939	N/A	236,860
接種兩劑復必泰 2 Doses – Comirnaty	N/A	0	22,475	84,237	96,475	70,880	54,311	37,792	11,898	3,432	N/A	381,500
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	3	38	177	240	289	254	199	57	15	N/A	1,272
接種三劑疫苗總計 3 Doses – Overall	N/A	2	871	11,460	28,217	47,292	49,086	37,524	13,190	2,727	N/A	190,369
接種三劑克爾來福 3 Doses – CoronaVac	N/A	1	211	3,401	9,807	21,461	26,076	20,924	7,992	1,773	N/A	91,646
接種三劑復必泰 3 Doses – Comirnaty	N/A	0	533	6,410	14,678	18,537	15,397	10,714	3,379	630	N/A	70,278
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	1	127	1,649	3,732	7,294	7,613	5,886	1,819	324	N/A	28,445

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	243	749	1,514	6,449	2	9,069
沒有接種疫苗# Unvaccinated#	1	5	3	7	15	37	150	489	1,028	4,828	N/A	6,563
接種一劑疫苗總計 1 Dose – Overall	N/A	1	1	1	3	5	27	113	256	1,006	0	1,413
接種一劑克爾來福 1 Dose – CoronaVac	N/A	1	0	1	1	5	23	90	227	935	N/A	1,283
接種一劑復必泰 1 Dose – Comirnaty	N/A	0	1	0	2	0	4	23	29	71	N/A	130
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	64	131	210	584	0	1,015
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	0	0	2	0	5	40	93	165	520	N/A	825
接種兩劑復必泰 2 Doses – Comirnaty	N/A	0	1	4	4	10	24	38	45	64	N/A	190
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	2	16	20	31	0	76
接種三劑克爾來福 3 Doses – CoronaVac	N/A	0	0	0	1	1	2	8	15	20	N/A	47
接種三劑復必泰 3 Doses – Comirnaty	N/A	0	0	0	1	3	0	4	3	6	N/A	17
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%	61.5%	13.3%	65.3%	22.0%	67.9%	47.5%	74.9%
接種一劑克爾來福 1 Dose – CoronaVac	2.9%	5.1%	4.9%	9.2%	10.3%	12.0%	16.8%	15.0%	21.1%	14.5%
接種一劑復必泰 1 Dose – Comirnaty	5.4%	5.1%	2.7%	1.3%	3.0%	3.1%	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%	14.8%	30.6%	12.4%	28.2%	10.9%	19.3%	8.1%
接種兩劑復必泰 2 Doses – Comirnaty	54.1%	20.5%	32.2%	11.2%	21.4%	5.1%	14.1%	3.0%	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%	1.0%	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%	8.7%	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	170,000	5,000	—	—	—	31,000	137,000	123,000	157,000	747,000
接種一劑疫苗總計 1 Dose – Overall	N/A	162,687	79,990	43,238	57,366	45,294	47,980	63,256	47,368	49,915	597,094
接種一劑克爾來福 1 Dose – CoronaVac	N/A	89,431	11,605	11,219	22,907	25,539	31,731	46,752	38,653	44,441	322,278
接種一劑復必泰 1 Dose – Comirnaty	N/A	73,180	68,188	31,491	33,957	19,416	15,989	16,387	8,667	5,459	272,734
接種一劑其他 1 Dose – Others	N/A	76	197	528	502	339	260	117	48	15	2,082
接種兩劑疫苗總計 2 Doses – Overall	N/A	169,815	275,303	465,208	526,239	447,674	432,819	408,683	224,384	138,152	3,088,277
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	168,906	42,326	66,357	120,336	162,242	209,775	238,016	153,372	108,453	1,269,783
接種兩劑復必泰 2 Doses – Comirnaty	N/A	271	228,721	386,145	395,145	277,801	216,862	165,931	69,244	29,318	1,769,438
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	638	4,256	12,706	10,758	7,631	6,182	4,736	1,768	381	49,056
接種三劑疫苗總計 3 Doses – Overall	N/A	86	86,813	280,260	518,752	680,987	678,267	501,167	191,017	52,240	2,989,589
接種三劑克爾來福 3 Doses – CoronaVac	N/A	57	5,553	40,005	104,560	197,872	244,382	212,952	91,226	28,374	924,981
接種三劑復必泰 3 Doses – Comirnaty	N/A	7	72,162	190,498	351,714	388,951	333,080	214,631	74,735	17,910	1,643,688
接種三劑克爾來福和復必泰組合 3 Doses – Combination of CoronaVac and Comirnaty	N/A	6	5,550	22,689	47,932	80,035	86,481	63,585	21,115	5,165	332,558
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	16	3,548	27,068	14,546	14,129	14,324	9,999	3,941	791	88,362
接種四劑疫苗總計 4 Doses – Overall	N/A	0	13	7	28	74	1,066	11,894	5,931	1,251	20,264
接種四劑克爾來福 4 Doses – CoronaVac	N/A	0	3	0	6	13	375	4,339	2,382	592	7,710
接種四劑復必泰 4 Doses – Comirnaty	N/A	0	10	3	16	45	347	3,260	1,622	331	5,634
接種四劑克爾來福和復必泰組合 4 Doses – Combination of CoronaVac and Comirnaty	N/A	0	0	2	6	12	330	4,129	1,825	309	6,613
接種四劑其他疫苗組合 4 Doses – Other vaccine combination	N/A	0	0	2	0	4	14	166	102	19	307

^ 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>

