

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11日00:00)

Provisional Data Analysis on COVID-19 Reported Death Cases

(from 31 Dec 2021 up till 11 May 2022 00:00)



版本日期：2022年5月12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

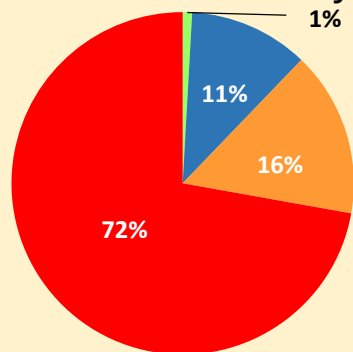
新冠疫苗能保護個人，預防2019冠狀病毒病的嚴重疾病和併發症。在本港，接種兩或三劑新冠疫苗個案的死亡率遠低於未接種的個案。就此，政府強烈建議合資格人士（尤其是12歲以下及60歲以上人士）應盡快接種疫苗。

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	9,142
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

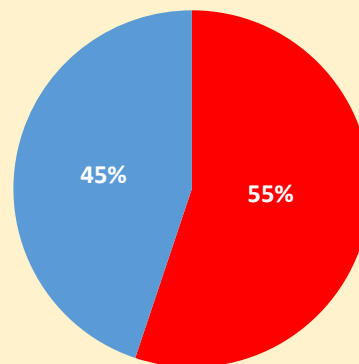


- 已接種三劑(滿14天) Received 3 doses (reached 14 days)
- 已接種兩劑(滿14天) Received 2 doses (reached 14 days)
- 已接種一劑(滿14天) Received 1 dose (reached 14 days)
- 沒有接種疫苗# Unvaccinated#

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

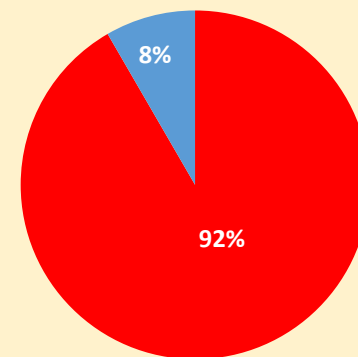
居住院舍情況* Residential Care Home (RCH) Status



- 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



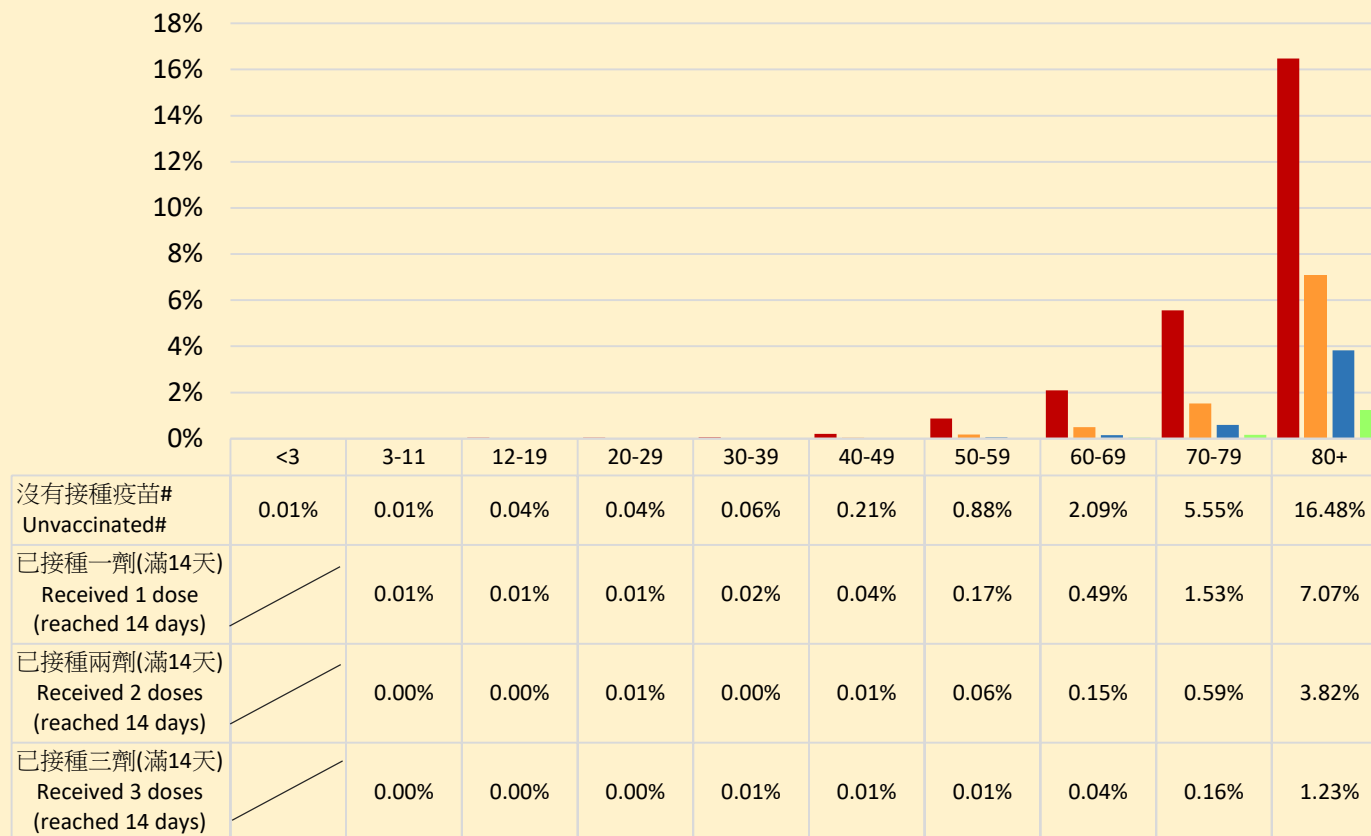
- 已知有長期病患 With known chronic diseases
- 沒有長期病患歷史 No history of chronic diseases

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。

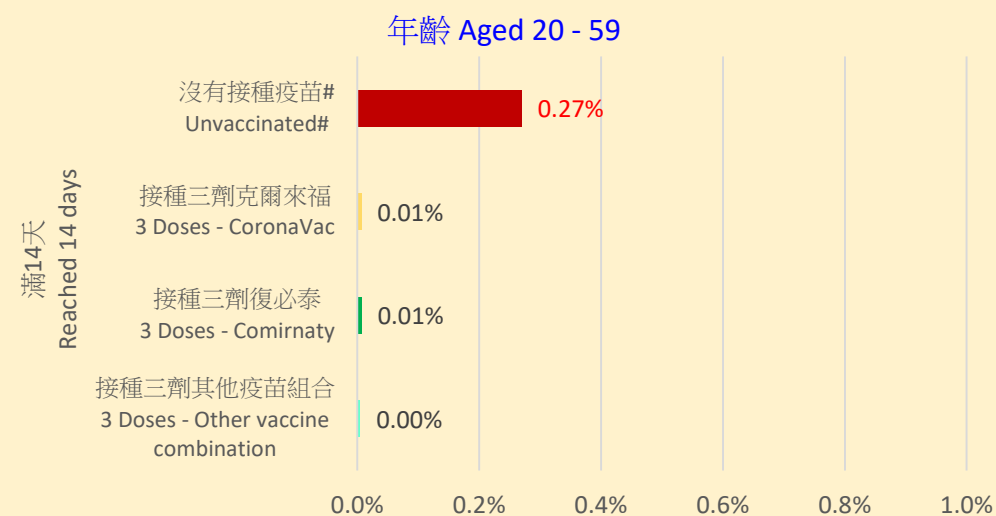
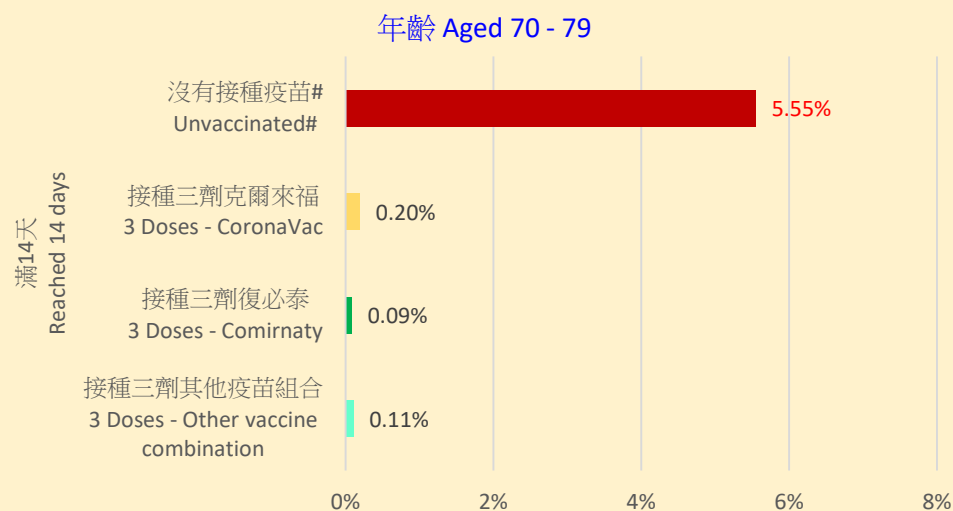
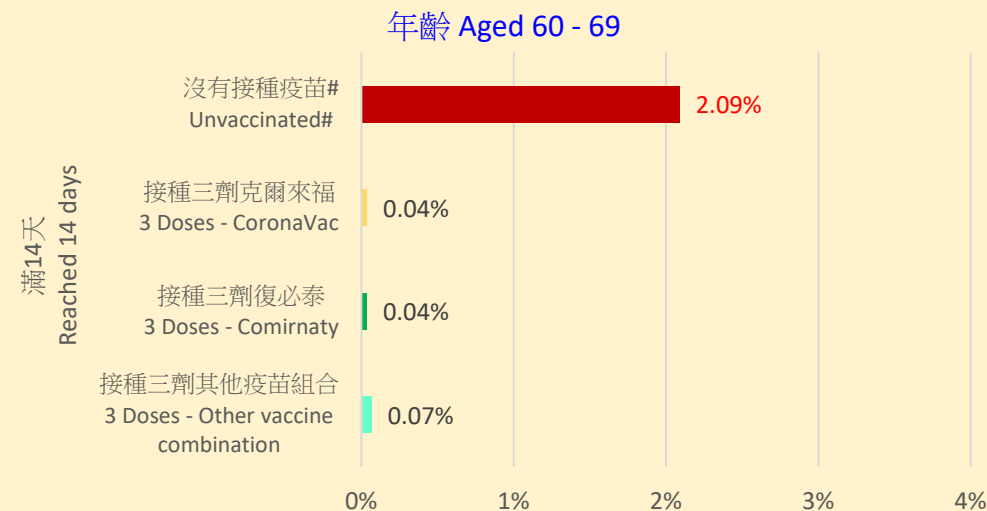
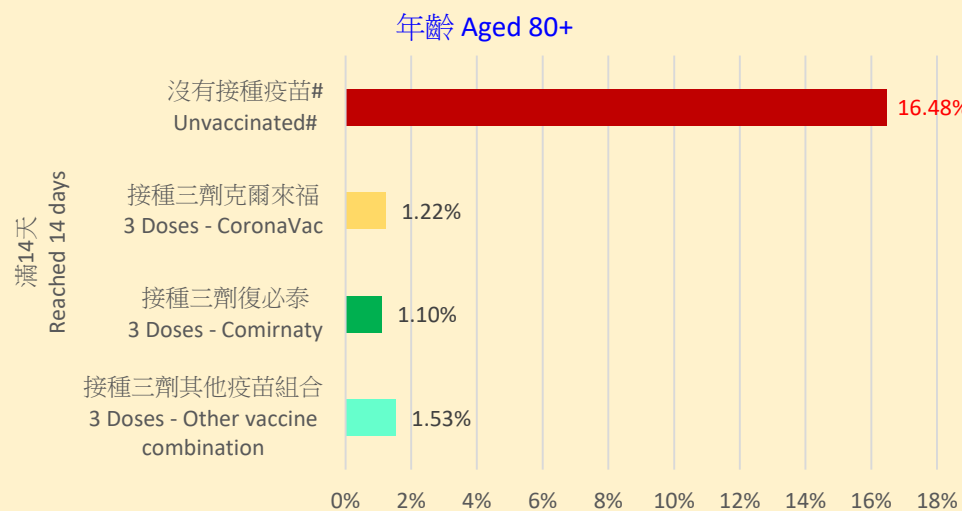
It is counted based on the date of case reporting of each reported case with respect to the date of vaccination to arrive at the time interval. This additional counting method for 'no. of vaccine doses received' is implemented starting from 7 April 2022, including all retrospective data.

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%	10.45%	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%	2.09%	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%	1.53%	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%	7.21%	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%	5.67%	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%	0.15%	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%	0.18%	0.69%	4.37%	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%	1.93%	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%	1.23%	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%	1.10%	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	12,449	60,424	46,934	138,804	196,001	193,159	196,170	177,165	84,808	62,117	25,083	1,193,114
沒有接種疫苗# Unvaccinated#	12,449	46,896	7,005	17,831	26,161	17,499	17,340	23,593	18,672	29,413	N/A	216,859
接種一劑疫苗總計 1 Dose – Overall	N/A	12,764	13,619	10,652	17,062	13,911	15,639	23,483	16,884	14,378	N/A	138,392
接種一劑克爾來福 1 Dose – CoronaVac	N/A	11,338	2,211	2,777	6,859	8,162	11,050	18,169	14,202	13,109	N/A	87,877
接種一劑復必泰 1 Dose – Comirnaty	N/A	1,424	11,408	7,873	10,200	5,747	4,589	5,308	2,682	1,269	N/A	50,500
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	758	25,416	98,773	124,358	114,228	113,876	92,346	35,954	15,560	N/A	621,269
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	752	2,811	14,144	27,451	42,934	59,237	54,262	23,936	12,077	N/A	237,604
接種兩劑復必泰 2 Doses – Comirnaty	N/A	3	22,567	84,451	96,666	71,005	54,385	37,885	11,960	3,468	N/A	382,390
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	6	894	11,548	28,420	47,521	49,315	37,743	13,298	2,766	N/A	191,511
接種三劑克爾來福 3 Doses – CoronaVac	N/A	1	214	3,415	9,848	21,534	26,179	21,031	8,061	1,801	N/A	92,084
接種三劑復必泰 3 Doses – Comirnaty	N/A	4	552	6,471	14,813	18,663	15,492	10,794	3,406	638	N/A	70,833
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	1	128	1,662	3,759	7,324	7,644	5,918	1,831	327	N/A	28,594

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	759	1,529	6,493	2	9,142
沒有接種疫苗# Unvaccinated#	1	5	3	7	15	37	152	494	1,037	4,847	N/A	6,598
接種一劑疫苗總計 1 Dose – Overall	N/A	1	1	1	3	5	27	115	258	1,017	N/A	1,428
接種一劑克爾來福 1 Dose – CoronaVac	N/A	1	0	1	1	5	23	92	229	945	N/A	1,297
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	134	213	595	N/A	1,033
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	0	0	2	0	5	41	95	166	528	N/A	837
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	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%	67.8%	47.4%	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%	10.9%	19.4%	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	151,000	2,000	-	-	-	27,000	131,000	117,000	146,000	698,000
接種一劑疫苗總計 1 Dose – Overall	N/A	143,765	68,805	38,748	50,590	39,458	42,155	57,510	43,643	49,326	534,000
接種一劑克爾來福 1 Dose – CoronaVac	N/A	76,627	10,377	10,255	20,457	22,461	28,053	42,773	35,845	44,566	291,414
接種一劑復必泰 1 Dose – Comirnaty	N/A	67,052	58,229	27,956	29,623	16,662	13,851	14,616	7,749	4,745	240,483
接種一劑其他 1 Dose – Others	N/A	86	199	537	510	335	251	121	49	15	2,103
接種兩劑疫苗總計 2 Doses – Overall	N/A	207,369	276,092	444,712	504,749	428,662	415,019	400,036	224,785	144,631	3,046,055
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	194,269	43,700	65,163	118,995	158,916	204,620	235,994	155,535	114,814	1,292,006
接種兩劑復必泰 2 Doses – Comirnaty	N/A	12,180	228,068	366,956	375,005	262,157	204,276	159,363	67,477	29,413	1,704,895
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	920	4,324	12,593	10,749	7,589	6,123	4,679	1,773	404	49,154
接種三劑疫苗總計 3 Doses – Overall	N/A	146	100,535	309,449	552,261	709,352	703,587	499,012	189,859	54,292	3,118,493
接種三劑克爾來福 3 Doses – CoronaVac	N/A	87	6,590	42,240	108,904	204,465	252,626	210,322	90,265	29,748	945,247
接種三劑復必泰 3 Doses – Comirnaty	N/A	20	83,755	214,983	377,906	407,854	347,721	217,847	75,459	18,591	1,744,136
接種三劑克爾來福和復必泰組合 3 Doses – Combination of CoronaVac and Comirnaty	N/A	9	6,364	23,915	49,797	82,087	88,078	60,485	20,089	5,152	335,976
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	30	3,826	28,311	15,654	14,946	15,162	10,358	4,046	801	93,134
接種四劑疫苗總計 4 Doses – Overall	N/A	0	17	12	47	147	3,240	34,298	15,902	3,642	57,305
接種四劑克爾來福 4 Doses – CoronaVac	N/A	0	4	0	12	40	1,217	13,981	7,125	1,870	24,249
接種四劑復必泰 4 Doses – Comirnaty	N/A	0	11	5	26	82	1,058	9,525	4,399	987	16,093
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	8	19	942	10,336	4,140	731	16,180
接種四劑其他疫苗組合 4 Doses – Other vaccine combination	N/A	0	1	4	1	6	23	456	238	54	783

^ 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>

