

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6月1日00:00)

Provisional Data Analysis on COVID-19 Reported Death Cases

(from 31 Dec 2021 up till 1 Jun 2022 00:00)



版本日期：2022年6月2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

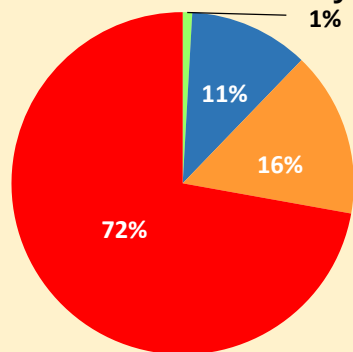
新冠疫苗能保護個人，預防2019冠狀病毒病的嚴重疾病和併發症。在本港，接種兩或三劑新冠疫苗個案的死亡率遠低於未接種的個案。就此，政府強烈建議合資格人士（尤其是12歲以下及60歲以上人士）應盡快接種疫苗。

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	9,166
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

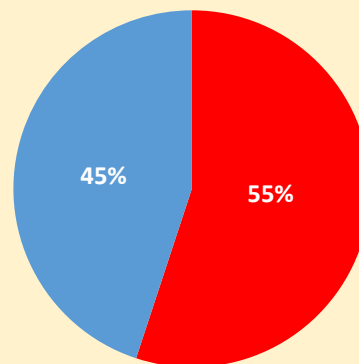


- 已接種三劑(滿14天)Received 3 doses (reached 14 days)
- 已接種兩劑(滿14天)Received 2 doses (reached 14 days)
- 已接種一劑(滿14天)Received 1 dose (reached 14 days)
- 沒有接種疫苗# Unvaccinated#

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

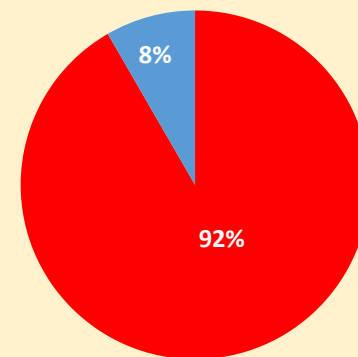
居住院舍情況* Residential Care Home (RCH) Status



- 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



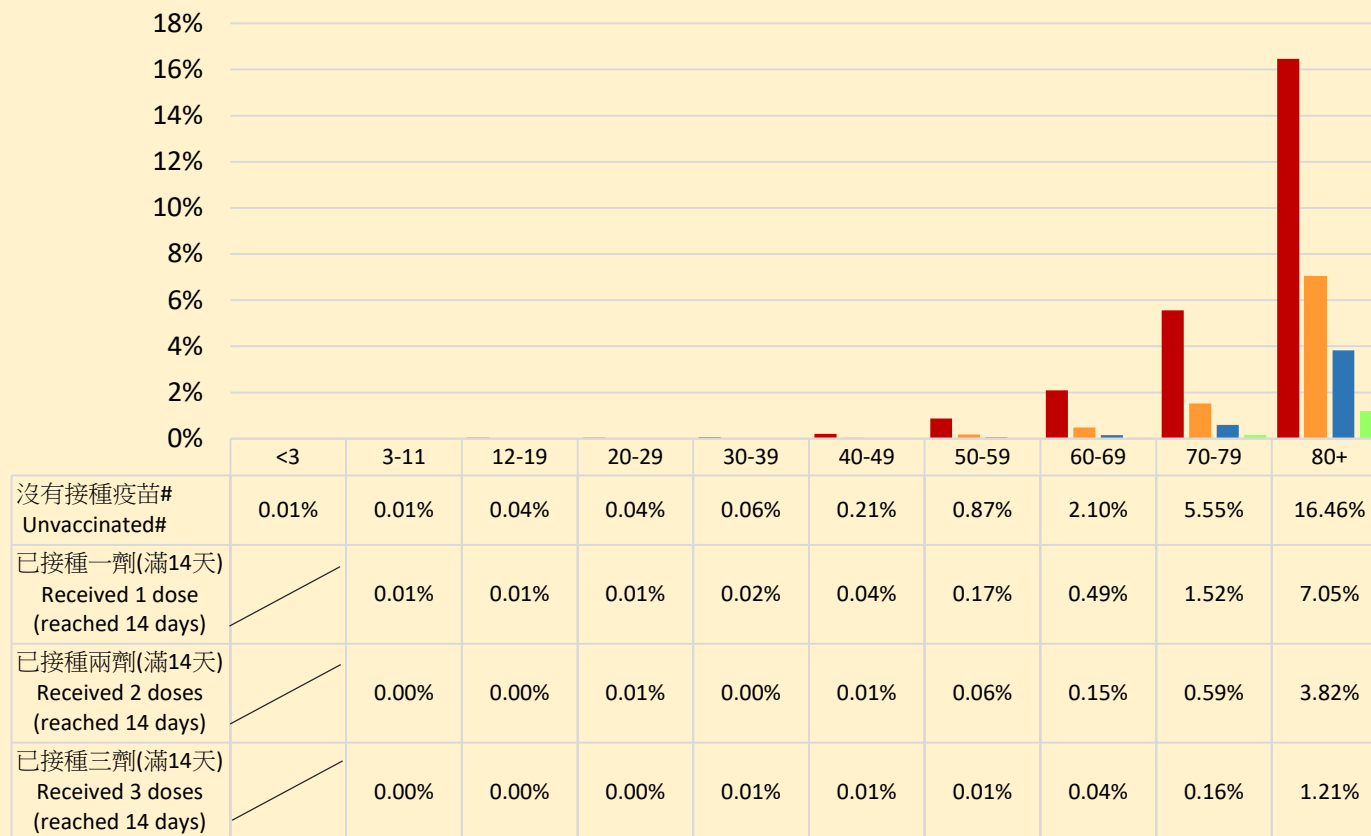
- 已知有長期病患 With known chronic diseases
- 沒有長期病患歷史 No history of chronic diseases

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。

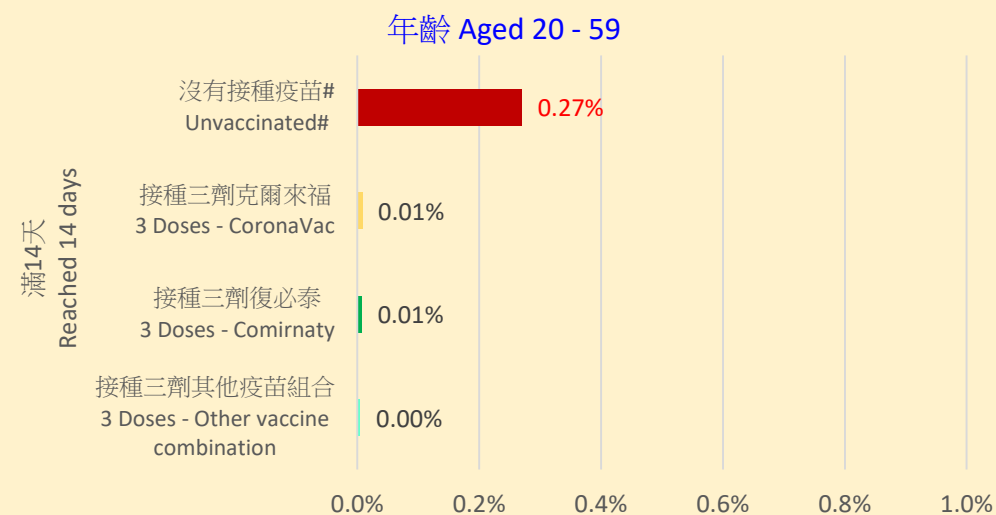
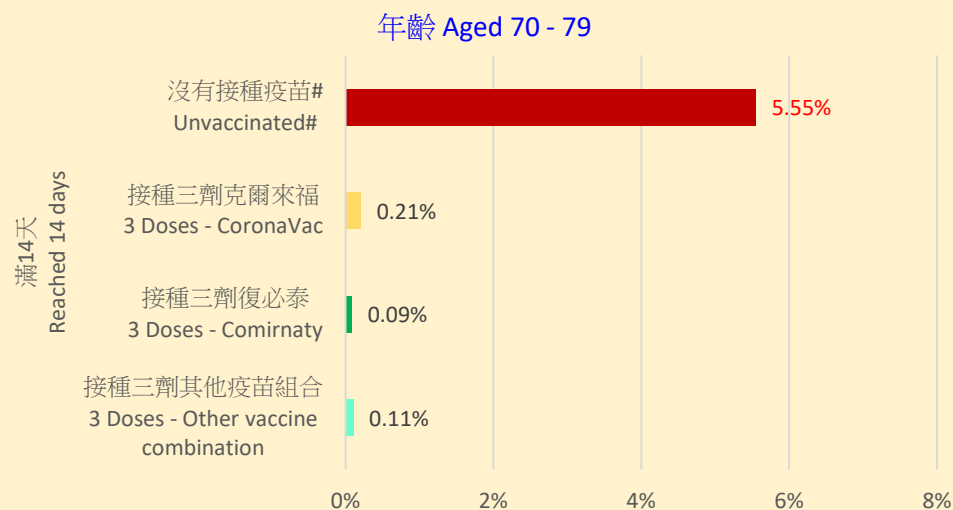
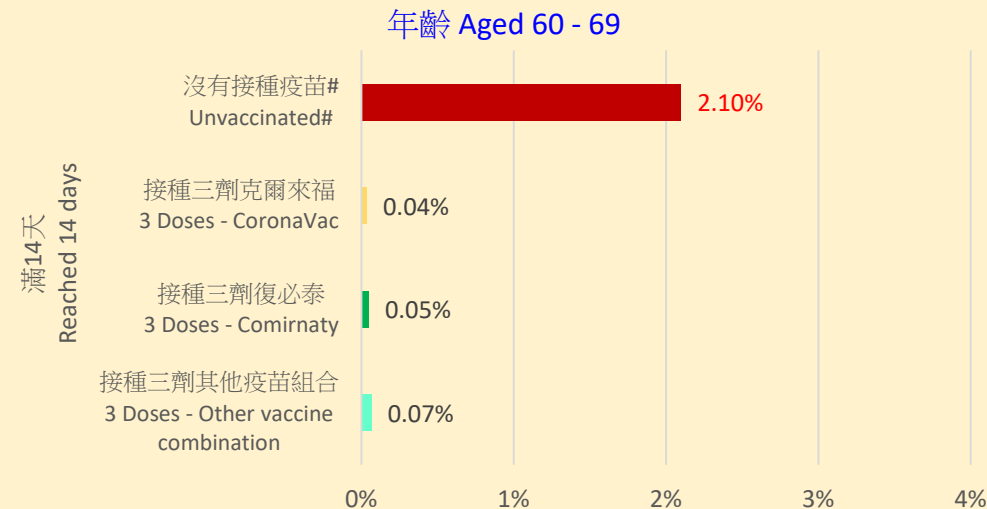
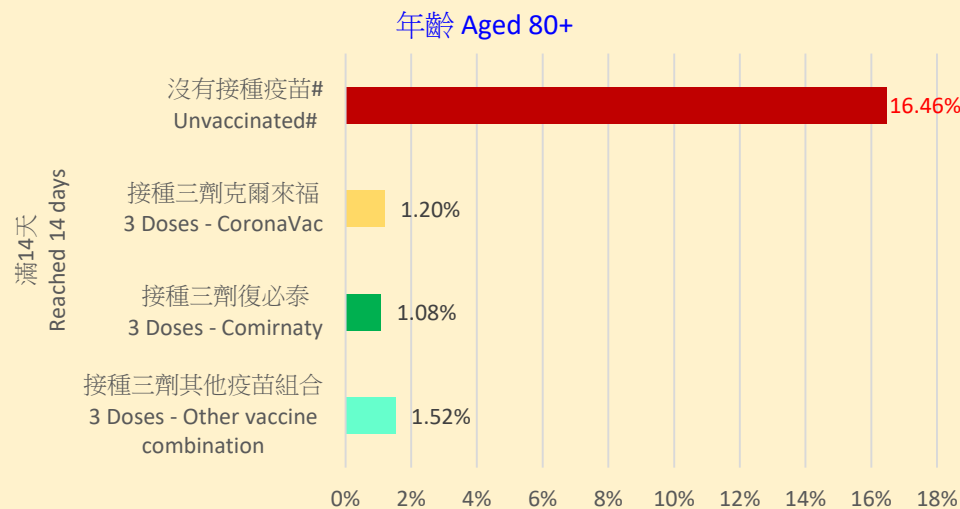
It is counted based on the date of case reporting of each reported case with respect to the date of vaccination to arrive at the time interval. This additional counting method for 'no. of vaccine doses received' is implemented starting from 7 April 2022, including all retrospective data.

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%	10.41%	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%	2.10%	5.55%	16.46%	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%	7.05%	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%	7.18%	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%	5.73%	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%	0.15%	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%	4.36%	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%	1.97%	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%	1.21%	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%	0.21%	1.20%	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%	0.05%	0.09%	1.08%	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	12,520	60,784	47,286	139,595	196,922	193,828	196,742	177,798	85,242	62,488	25,042	1,198,247
沒有接種疫苗# Unvaccinated#	12,520	47,019	7,040	17,903	26,256	17,556	17,393	23,673	18,731	29,497	N/A	217,588
接種一劑疫苗總計 1 Dose – Overall	N/A	12,826	13,692	10,687	17,097	13,939	15,660	23,535	16,933	14,452	N/A	138,821
接種一劑克爾來福 1 Dose – CoronaVac	N/A	11,365	2,223	2,784	6,873	8,177	11,069	18,205	14,249	13,178	N/A	88,123
接種一劑復必泰 1 Dose – Comirnaty	N/A	1,459	11,469	7,901	10,221	5,760	4,591	5,324	2,684	1,274	N/A	50,683
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	933	25,604	99,242	124,768	114,446	114,071	92,567	36,132	15,723	N/A	623,486
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	911	2,837	14,196	27,546	43,026	59,333	54,409	24,077	12,212	N/A	238,547
接種兩劑復必泰 2 Doses – Comirnaty	N/A	19	22,727	84,867	96,978	71,131	54,484	37,959	11,997	3,495	N/A	383,657
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	3	40	179	244	289	254	199	58	16	N/A	1,282
接種三劑疫苗總計 3 Doses – Overall	N/A	6	950	11,763	28,801	47,887	49,618	38,023	13,446	2,816	N/A	193,310
接種三劑克爾來福 3 Doses – CoronaVac	N/A	1	215	3,437	9,919	21,640	26,312	21,166	8,149	1,839	N/A	92,678
接種三劑復必泰 3 Doses – Comirnaty	N/A	4	600	6,644	15,091	18,887	15,627	10,910	3,447	648	N/A	71,858
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	1	135	1,682	3,791	7,360	7,679	5,947	1,850	329	N/A	28,774

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	763	1,534	6,508	2	9,166
沒有接種疫苗# Unvaccinated#	1	5	3	7	15	37	152	496	1,040	4,854	N/A	6,610
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	135	214	601	N/A	1,041
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	0	0	2	0	5	41	96	167	532	N/A	843
接種兩劑復必泰 2 Doses – Comirnaty	N/A	0	1	4	4	10	24	39	47	69	N/A	198
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	17	22	34	N/A	83
接種三劑克爾來福 3 Doses – CoronaVac	N/A	0	0	0	1	1	3	8	17	22	N/A	52
接種三劑復必泰 3 Doses – Comirnaty	N/A	0	0	0	1	3	0	5	3	7	N/A	19
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%	65.0%	22.0%	67.8%	47.2%	74.6%
接種一劑克爾來福 1 Dose – CoronaVac	2.9%	5.1%	4.9%	9.1%	10.2%	12.1%	16.7%	14.9%	21.1%	14.5%
接種一劑復必泰 1 Dose – Comirnaty	5.4%	5.1%	2.7%	1.3%	3.0%	3.0%	3.1%	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%	12.6%	28.2%	10.9%	19.5%	8.2%
接種兩劑復必泰 2 Doses – Comirnaty	54.0%	20.5%	32.2%	11.0%	21.3%	5.1%	14.1%	3.1%	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	4.0%	2.6%	12.3%	1.3%	11.9%	1.0%	9.6%	1.1%	2.9%	0.3%
接種三劑復必泰 3 Doses – Comirnaty	6.5%	2.6%	8.8%	1.0%	6.1%	0.7%	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%	3.9%	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	137,000	- @	- @	- @	- @	21,000	124,000	110,000	134,000	650,000
接種一劑疫苗總計 1 Dose – Overall	N/A	108,993	47,362	27,607	38,225	30,256	33,261	47,536	38,309	45,651	417,200
接種一劑克爾來福 1 Dose – CoronaVac	N/A	70,155	8,785	7,664	15,540	17,254	22,242	35,710	31,856	41,396	250,602
接種一劑復必泰 1 Dose – Comirnaty	N/A	38,723	38,371	19,427	22,154	12,658	10,765	11,702	6,410	4,237	164,447
接種一劑其他 1 Dose – Others	N/A	115	206	516	531	344	254	124	43	18	2,151
接種兩劑疫苗總計 2 Doses – Overall	N/A	256,242	278,424	398,525	458,505	389,673	377,778	371,994	213,219	146,514	2,890,874
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	210,264	44,350	62,317	114,375	149,759	191,170	223,891	150,299	118,424	1,264,849
接種兩劑復必泰 2 Doses – Comirnaty	N/A	44,010	228,896	322,936	332,382	231,819	180,149	143,228	60,988	27,610	1,572,018
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	1,968	5,178	13,272	11,748	8,095	6,459	4,875	1,932	480	54,007
接種三劑疫苗總計 3 Doses – Overall	N/A	229	124,124	373,917	619,481	763,728	753,884	525,856	205,875	66,421	3,433,515
接種三劑克爾來福 3 Doses – CoronaVac	N/A	145	8,412	47,049	118,099	218,046	270,690	222,471	99,858	38,713	1,023,483
接種三劑復必泰 3 Doses – Comirnaty	N/A	24	103,188	268,295	428,312	441,391	373,774	231,484	81,295	21,271	1,949,034
接種三劑克爾來福和復必泰組合 3 Doses – Combination of CoronaVac and Comirnaty	N/A	12	7,573	26,555	53,693	86,037	91,141	59,798	20,143	5,539	350,491
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	48	4,951	32,018	19,377	18,254	18,279	12,103	4,579	898	110,507
接種四劑疫苗總計 4 Doses – Overall	N/A	0	31	47	105	275	5,508	53,163	24,294	5,671	89,094
接種四劑克爾來福 4 Doses – CoronaVac	N/A	0	4	3	26	85	2,040	21,689	10,871	2,934	37,652
接種四劑復必泰 4 Doses – Comirnaty	N/A	0	12	6	38	114	1,878	15,506	7,029	1,542	26,125
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	4	15	33	1,448	14,876	5,878	1,100	23,355
接種四劑其他疫苗組合 4 Doses – Other vaccine combination	N/A	0	14	34	26	43	142	1,092	516	95	1,962

[^] 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). These non-Hong Kong residents who are eligible to receive vaccination may not be included in the baseline population eligible to receive vaccination. 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.

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>

