

# 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25日00:00)

## Provisional Data Analysis on COVID-19 Reported Death Cases

(from 31 Dec 2021 up till 25 May 2022 00:00)



版本日期：2022年5月26日  
Version date: 26 May 2022

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

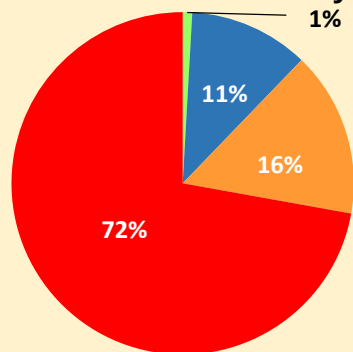
新冠疫苗能保護個人，預防2019冠狀病毒病的嚴重疾病和併發症。在本港，接種兩或三劑新冠疫苗個案的死亡率遠低於未接種的個案。就此，政府強烈建議合資格人士（尤其是12歲以下及60歲以上人士）應盡快接種疫苗。

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	9,159
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

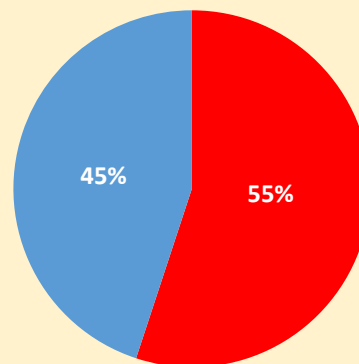


- 已接種三劑(滿14天)Received 3 doses (reached 14 days)
- 已接種兩劑(滿14天)Received 2 doses (reached 14 days)
- 已接種一劑(滿14天)Received 1 dose (reached 14 days)
- 沒有接種疫苗# Unvaccinated#

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

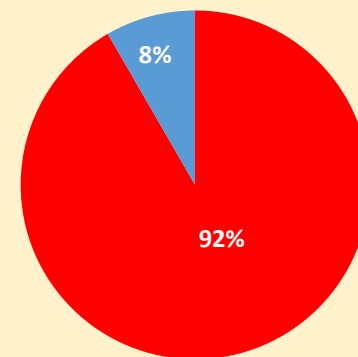
#### 居住院舍情況\* Residential Care Home (RCH) Status



- 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



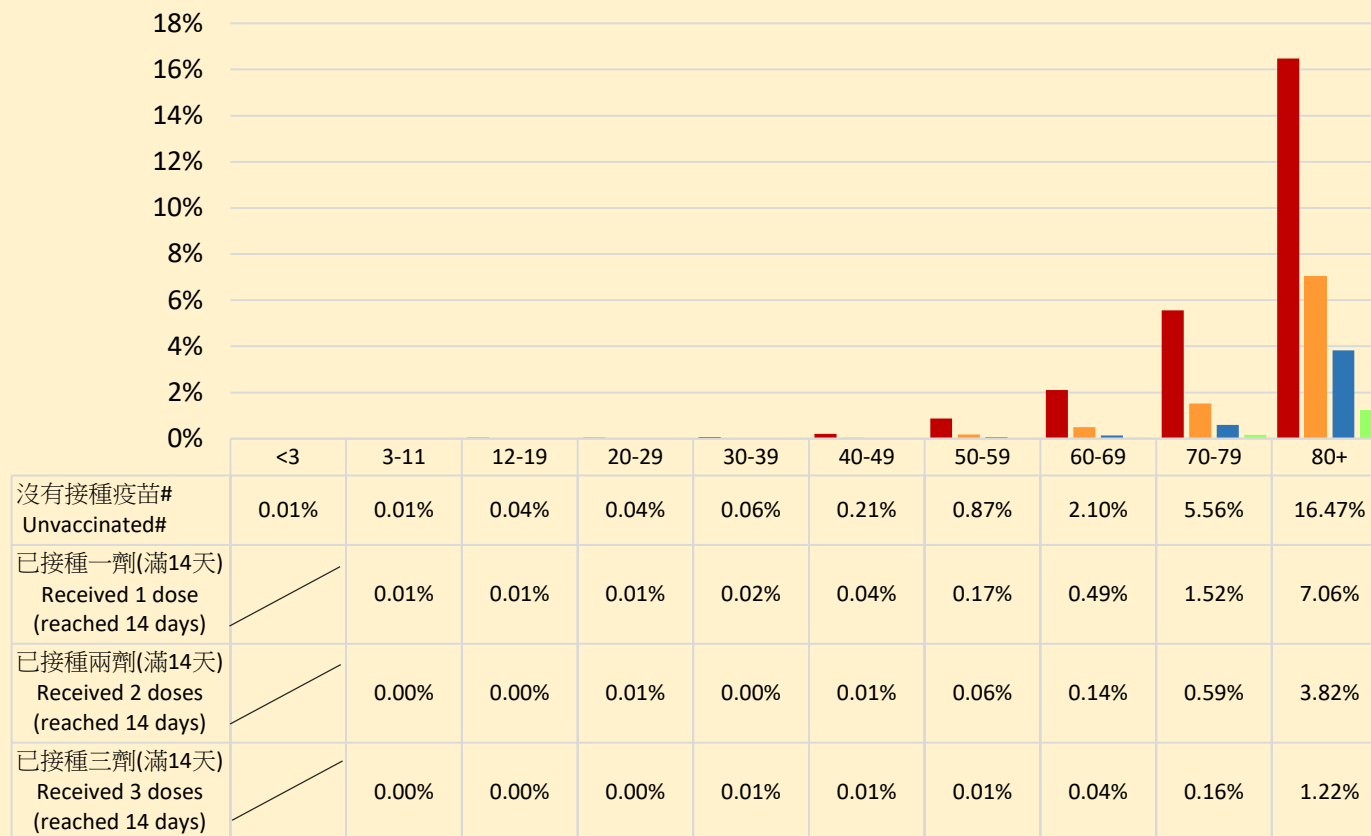
- 已知有長期病患 With known chronic diseases
- 沒有長期病患歷史 No history of chronic diseases

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。

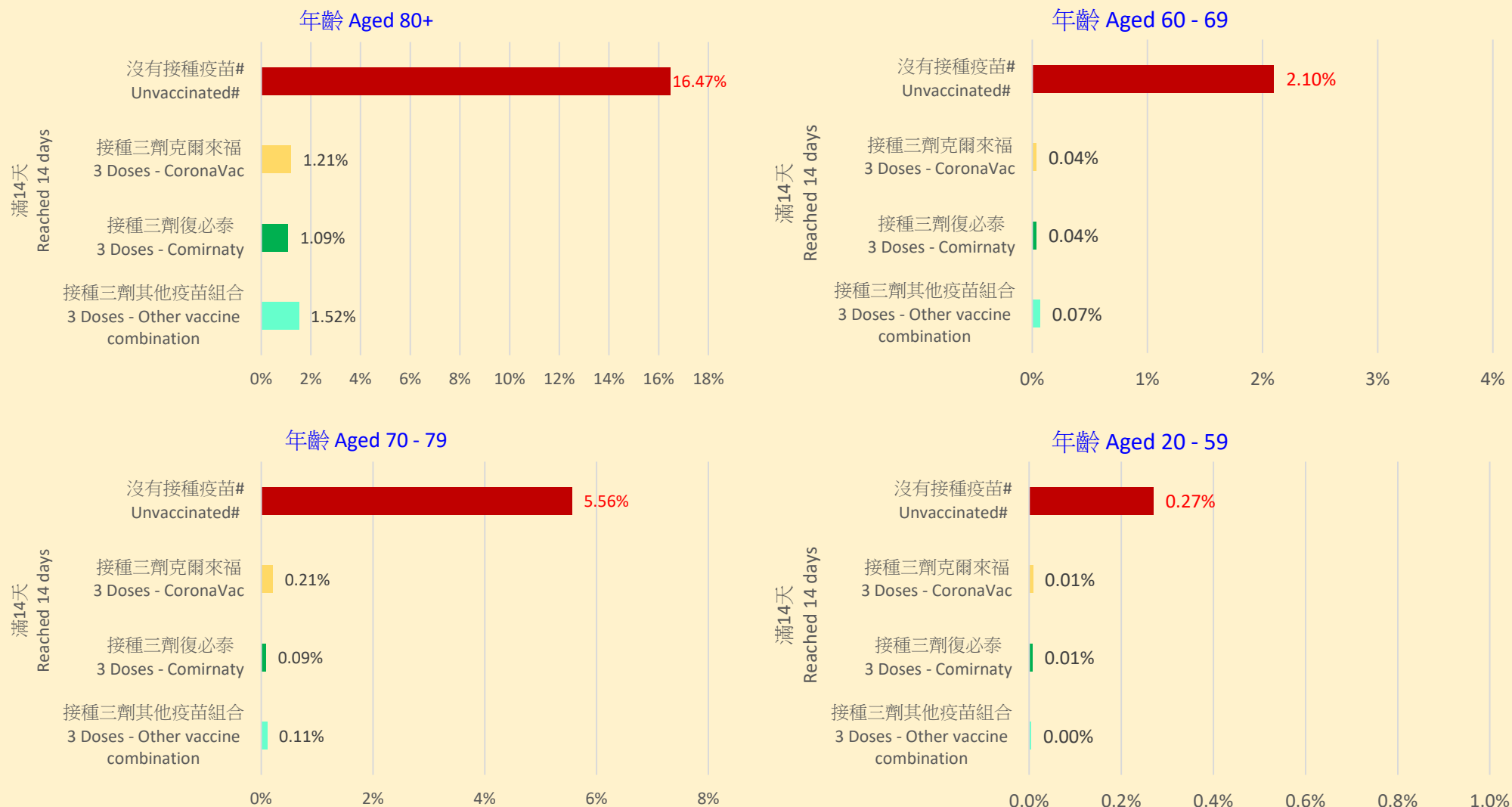
It is counted based on the date of case reporting of each reported case with respect to the date of vaccination to arrive at the time interval. This additional counting method for 'no. of vaccine doses received' is implemented starting from 7 April 2022, including all retrospective data.

# 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%	0.13%	0.43%	1.80%	10.43%	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%	2.10%	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%	1.52%	7.06%	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%	7.19%	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%	0.14%	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%	1.92%	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%	0.21%	1.21%	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	12,501	60,659	47,151	139,233	196,578	193,586	196,547	177,599	85,110	62,357	25,056	1,196,377
沒有接種疫苗# Unvaccinated#	12,501	46,978	7,029	17,879	26,226	17,539	17,378	23,647	18,716	29,460	N/A	217,353
接種一劑疫苗總計 1 Dose – Overall	N/A	12,806	13,676	10,676	17,086	13,934	15,655	23,527	16,922	14,435	N/A	138,717
接種一劑克爾來福 1 Dose – CoronaVac	N/A	11,355	2,221	2,783	6,869	8,175	11,065	18,199	14,238	13,161	N/A	88,066
接種一劑復必泰 1 Dose – Comirnaty	N/A	1,449	11,455	7,891	10,214	5,757	4,590	5,322	2,684	1,274	N/A	50,636
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	869	25,526	99,020	124,618	114,372	114,005	92,498	36,072	15,667	N/A	622,647
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	856	2,828	14,172	27,511	42,999	59,300	54,359	24,030	12,169	N/A	238,224
接種兩劑復必泰 2 Doses – Comirnaty	N/A	10	22,658	84,670	96,865	71,084	54,451	37,940	11,984	3,482	N/A	383,144
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	3	40	178	242	289	254	199	58	16	N/A	1,279
接種三劑疫苗總計 3 Doses – Overall	N/A	6	920	11,658	28,648	47,741	49,509	37,927	13,400	2,795	N/A	192,604
接種三劑克爾來福 3 Doses – CoronaVac	N/A	1	214	3,430	9,893	21,602	26,260	21,122	8,120	1,822	N/A	92,464
接種三劑復必泰 3 Doses – Comirnaty	N/A	4	577	6,561	14,979	18,797	15,582	10,872	3,434	644	N/A	71,450
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	1	129	1,667	3,776	7,342	7,667	5,933	1,846	329	N/A	28,690

# 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	761	1,533	6,504	2	9,159
沒有接種疫苗# Unvaccinated#	1	5	3	7	15	37	152	496	1,040	4,853	N/A	6,609
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	598	N/A	1,036
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	0	0	2	0	5	41	95	166	531	N/A	840
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	22	34	N/A	82
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	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%	9.0%	61.4%	13.3%	65.2%	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%	3.2%	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%	8.2%
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%	1.1%	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%	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	141,000	-	-	-	-	23,000	126,000	112,000	137,000	663,000
接種一劑疫苗總計 1 Dose – Overall	N/A	118,586	52,610	29,366	40,196	31,681	34,752	49,519	39,303	46,822	442,835
接種一劑克爾來福 1 Dose – CoronaVac	N/A	72,797	9,219	8,059	16,341	18,043	23,206	37,037	32,495	42,460	259,657
接種一劑復必泰 1 Dose – Comirnaty	N/A	45,698	43,193	20,787	23,339	13,294	11,300	12,367	6,768	4,346	181,092
接種一劑其他 1 Dose – Others	N/A	91	198	520	516	344	246	115	40	16	2,086
接種兩劑疫苗總計 2 Doses – Overall	N/A	242,714	282,474	420,800	479,347	406,680	394,118	386,593	220,792	148,707	2,982,225
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	205,078	44,534	64,300	117,845	155,158	198,509	232,060	155,342	119,722	1,292,548
接種兩劑復必泰 2 Doses – Comirnaty	N/A	36,078	233,139	343,436	350,014	243,582	189,259	149,730	63,583	28,532	1,637,353
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	1,558	4,801	13,064	11,488	7,940	6,350	4,803	1,867	453	52,324
接種三劑疫苗總計 3 Doses – Overall	N/A	205	113,336	347,529	594,034	743,305	734,810	513,428	198,068	60,425	3,305,140
接種三劑克爾來福 3 Doses – CoronaVac	N/A	130	7,576	45,068	114,183	212,383	263,100	215,855	94,558	34,100	986,953
接種三劑復必泰 3 Doses – Comirnaty	N/A	21	94,296	246,544	409,725	429,537	364,737	226,439	79,114	20,166	1,870,579
接種三劑克爾來福和復必泰組合 3 Doses – Combination of CoronaVac and Comirnaty	N/A	12	7,024	25,473	52,138	84,503	89,992	59,789	20,022	5,307	344,260
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	42	4,440	30,444	17,988	16,882	16,981	11,345	4,374	852	103,348
接種四劑疫苗總計 4 Doses – Overall	N/A	0	21	27	75	208	4,648	46,688	21,328	5,014	78,009
接種四劑克爾來福 4 Doses – CoronaVac	N/A	0	4	3	21	62	1,739	19,004	9,547	2,582	32,962
接種四劑復必泰 4 Doses – Comirnaty	N/A	0	11	5	31	98	1,574	13,400	6,119	1,359	22,597
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	11	27	1,267	13,426	5,272	990	20,997
接種四劑其他疫苗組合 4 Doses – Other vaccine combination	N/A	0	5	16	12	21	68	858	390	83	1,453

^ 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](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](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](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](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](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](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>

