

# 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20日00:00)

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

(from 31 Dec 2021 up till 20 April 2022 00:00)



版本日期：2022年4月21日  
Version date: 21 April 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

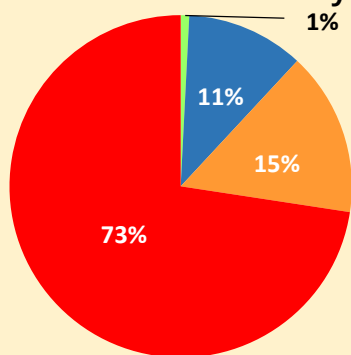
新冠疫苗能保護個人，預防2019冠狀病毒病的嚴重疾病和併發症。在本港，接種兩或三劑新冠疫苗個案的死亡率遠低於未接種的個案。就此，政府強烈建議合資格人士（尤其是12歲以下及60歲以上人士）應盡快接種疫苗。

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	8973
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

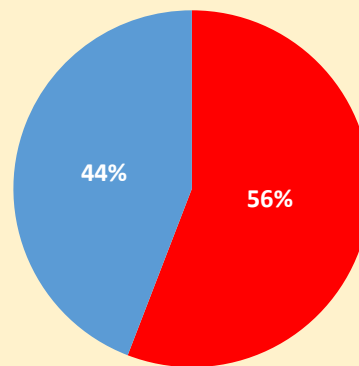


超過七成沒有  
接種疫苗#  
More than 70%  
were unvaccinated#

# 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

- 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#

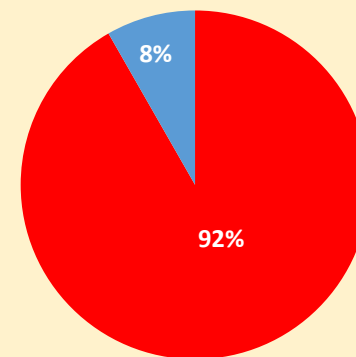
### 居住院舍情況\* Residential Care Home (RCH) Status



- 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



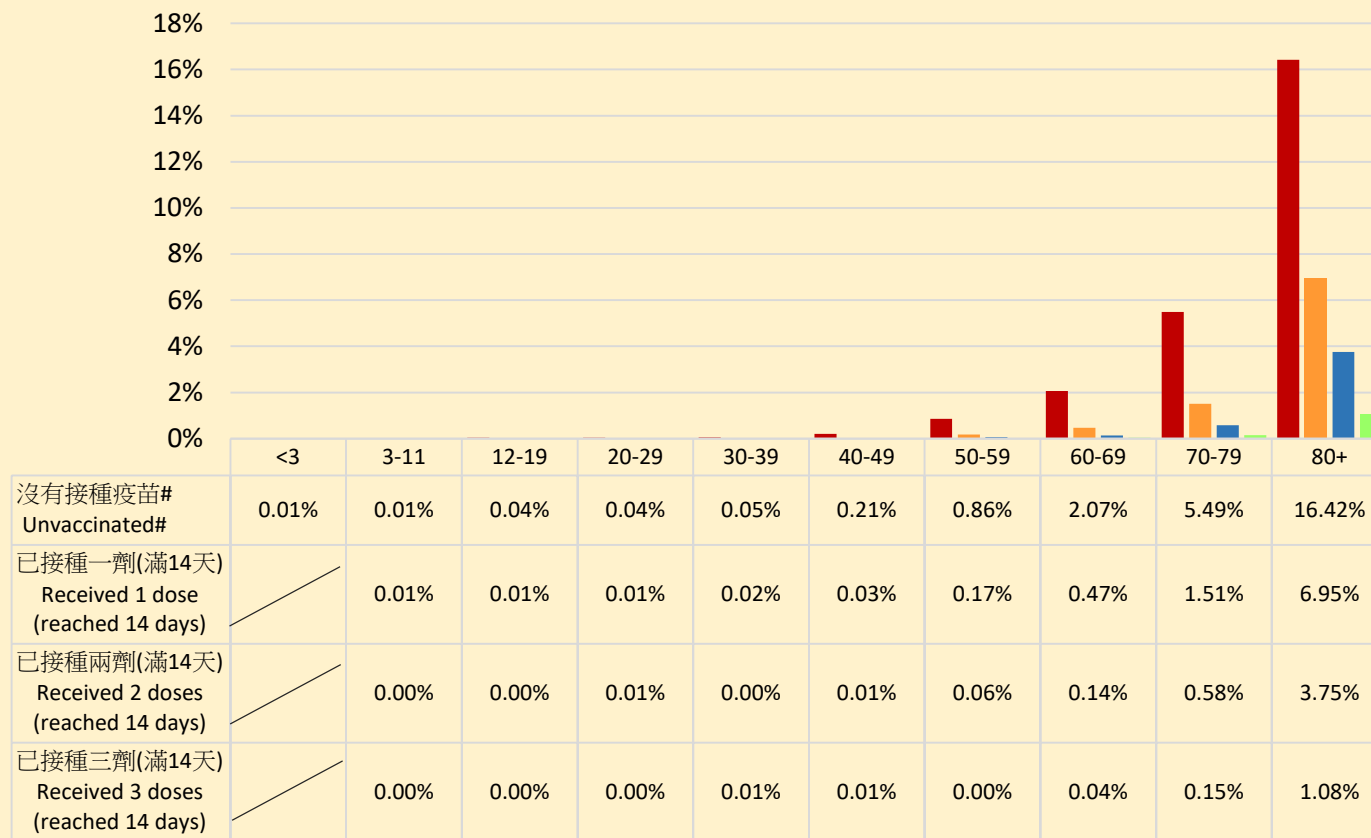
- 已知有長期病患 With known chronic diseases
- 沒有長期病患歷史 No history of chronic diseases

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。

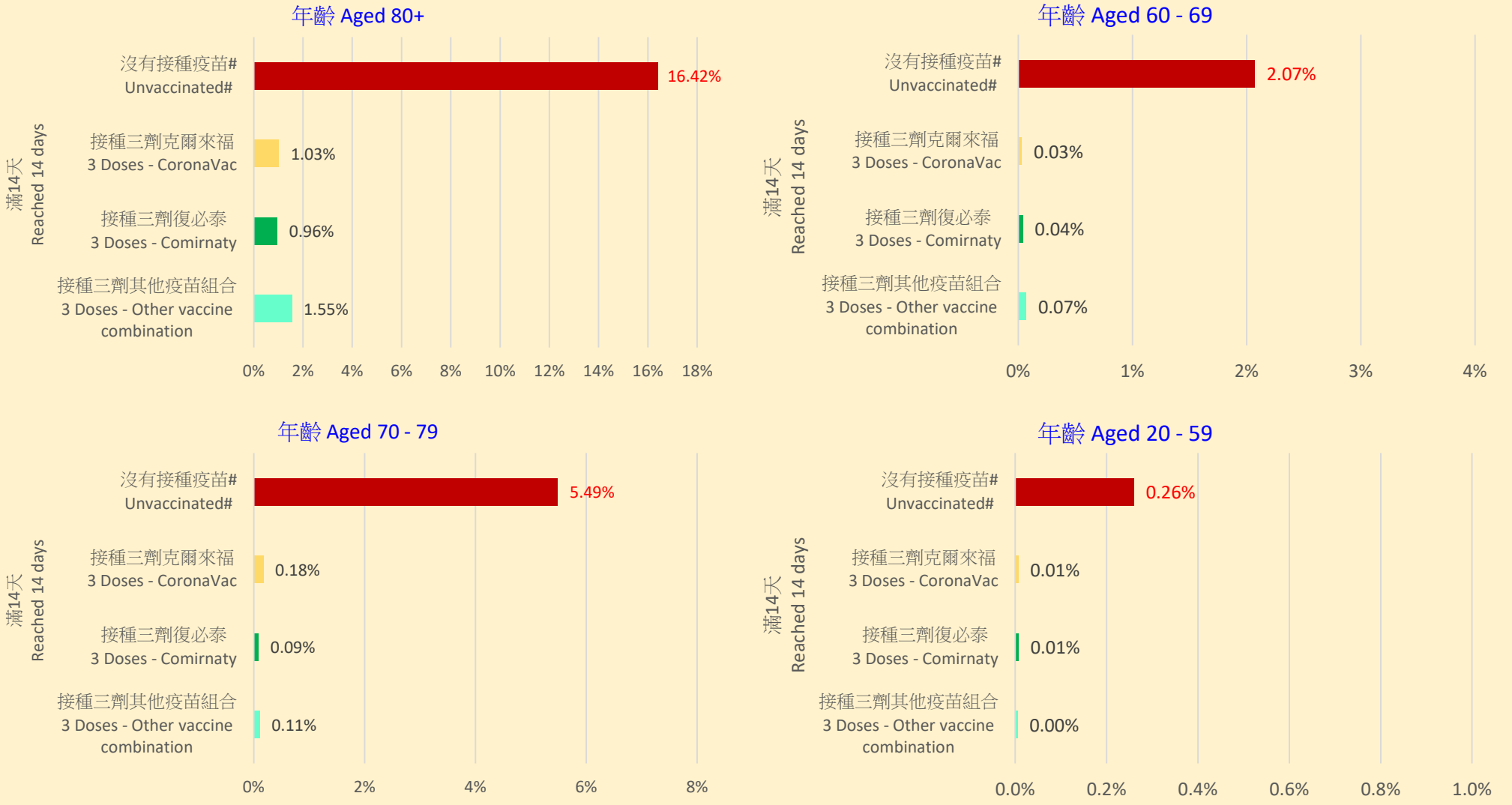
It is counted based on the date of case reporting of each reported case with respect to the date of vaccination to arrive at the time interval. This additional counting method for 'no. of vaccine doses received' is implemented starting from 7 April 2022, including all retrospective data.

# 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%	1.78%	10.40%	0.01%	0.76%
沒有接種疫苗# Unvaccinated#	0.01%	0.01%	0.04%	0.04%	0.05%	0.21%	0.86%	2.07%	5.49%	16.42%	N/A	3.02%
接種一劑疫苗總計 1 Dose – Overall	N/A	0.01%	0.01%	0.01%	0.02%	0.03%	0.17%	0.47%	1.51%	6.95%	N/A	1.01%
接種一劑克爾來福 1 Dose – CoronaVac	N/A	0.01%	0.00%	0.04%	0.01%	0.05%	0.21%	0.49%	1.59%	7.09%	N/A	1.45%
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%	5.44%	N/A	0.25%
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%	0.58%	3.75%	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%	0.68%	4.31%	N/A	0.34%
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%	0.36%	1.82%	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%	1.08%	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%	0.03%	0.18%	1.03%	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%	0.96%	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%	1.55%	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	12364	59919	46509	137976	194955	192222	195203	176060	83995	61388	25265	1185856
沒有接種疫苗# Unvaccinated#	12364	46689	6940	17704	25997	17395	17232	23449	18532	29201	N/A	215503
接種一劑疫苗總計 1 Dose – Overall	N/A	12619	13487	10556	16968	13850	15579	23389	16772	14224	N/A	137444
接種一劑克爾來福 1 Dose – CoronaVac	N/A	11248	2193	2756	6816	8120	11009	18095	14111	12973	N/A	87321
接種一劑復必泰 1 Dose – Comirnaty	N/A	1369	11294	7798	10149	5728	4570	5288	2661	1251	N/A	50108
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	609	25230	98338	123914	113905	113529	91896	35596	15266	N/A	618283
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	606	2777	14098	27366	42810	59054	53982	23680	11843	N/A	236216
接種兩劑復必泰 2 Doses – Comirnaty	N/A	0	22416	84063	96308	70806	54221	37716	11859	3408	N/A	380797
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	3	37	177	240	289	254	198	57	15	N/A	1270
接種三劑疫苗總計 3 Doses – Overall	N/A	2	852	11378	28076	47072	48863	37326	13095	2697	N/A	189361
接種三劑克爾來福 3 Doses – CoronaVac	N/A	1	211	3378	9776	21391	25963	20814	7940	1752	N/A	91226
接種三劑復必泰 3 Doses – Comirnaty	N/A	0	518	6360	14584	18409	15321	10650	3347	622	N/A	69811
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	1	123	1640	3716	7272	7579	5862	1808	323	N/A	28324

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	24	60	240	741	1495	6385	2	8973
沒有接種疫苗# Unvaccinated#	1	5	3	7	14	37	148	485	1017	4795	NA	6512
接種一劑疫苗總計 1 Dose – Overall	N/A	1	1	1	3	4	27	111	254	988	N/A	1390
接種一劑克爾來福 1 Dose – CoronaVac	N/A	1	0	1	1	4	23	88	225	920	N/A	1263
接種一劑復必泰 1 Dose – Comirnaty	N/A	0	1	0	2	0	4	23	29	68	N/A	127
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	63	130	205	573	N/A	997
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	0	0	2	0	5	40	92	162	511	N/A	812
接種兩劑復必泰 2 Doses – Comirnaty	N/A	0	1	4	4	10	23	38	43	62	N/A	185
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	15	19	29	N/A	72
接種三劑克爾來福 3 Doses – CoronaVac	N/A	0	0	0	1	1	2	7	14	18	N/A	43
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%	55.3%	8.9%	61.7%	13.3%	65.5%	22.1%	68.0%	47.6%	75.1%
接種一劑克爾來福 1 Dose – CoronaVac	2.9%	5.3%	4.9%	9.0%	10.3%	11.9%	16.8%	15.1%	21.1%	14.4%
接種一劑復必泰 1 Dose – Comirnaty	5.4%	5.3%	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	12.5%	5.3%	26.3%	15.0%	30.7%	12.4%	28.2%	10.8%	19.3%	8.0%
接種兩劑復必泰 2 Doses – Comirnaty	54.2%	21.1%	32.3%	11.0%	21.4%	5.1%	14.1%	2.9%	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%	11.8%	0.9%	9.5%	0.9%	2.9%	0.3%
接種三劑復必泰 3 Doses – Comirnaty	6.3%	2.6%	8.7%	1.0%	6.0%	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 <sup>^</sup>										總計 Grand Total
	<3	3 - 11	12 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80+	
2021年年中人口 Mid-2021 resident population	<b>132800</b>	<b>527300</b>	<b>448800</b>	<b>808700</b>	<b>1126300</b>	<b>1142500</b>	<b>1174200</b>	<b>1071800</b>	<b>560500</b>	<b>401800</b>	<b>7394700</b>
沒有接種疫苗# Unvaccinated # *	<b>133000</b>	203000	8000	22000	26000	–	16000	90000	95000	166000	759000
接種一劑疫苗總計 1 Dose – Overall	<b>N/A</b>	188637	85684	45937	62085	49391	52728	68917	51799	52989	658167
接種一劑克爾來福 1 Dose – CoronaVac	N/A	117589	13299	11891	24838	27992	34815	50979	42165	46934	370502
接種一劑復必泰 1 Dose – Comirnaty	N/A	70980	72189	33510	36755	21057	17647	17819	9587	6040	285584
接種一劑其他 1 Dose – Others	N/A	68	196	536	492	342	266	119	47	15	2081
接種兩劑疫苗總計 2 Doses – Overall	<b>N/A</b>	135968	276760	475936	539480	460706	444923	414637	224025	132918	3105353
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	135219	40580	67135	121424	164753	213577	239437	151753	103401	1237279
接種兩劑復必泰 2 Doses – Comirnaty	N/A	205	231943	396043	407292	288307	225135	170402	70471	29128	1818926
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	544	4237	12758	10764	7646	6211	4798	1801	389	49148
接種三劑疫苗總計 3 Doses – Overall	<b>N/A</b>	57	78176	264924	498257	661959	660252	498378	189953	50193	2902149
接種三劑克爾來福 3 Doses – CoronaVac	N/A	38	5090	38701	101596	193167	238014	211576	90354	26913	905449
接種三劑復必泰 3 Doses – Comirnaty	N/A	6	64633	177874	335984	376624	323082	211336	73732	17352	1580623
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	13	8453	48349	60677	92168	99156	75466	25867	5928	416077

<sup>^</sup> 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年年中人口數字(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 mid-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)



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<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>

