

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8月3日00:00)

Provisional Data Analysis on COVID-19 Reported Death Cases

(from 31 Dec 2021 up till 3 Aug 2022 00:00)



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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

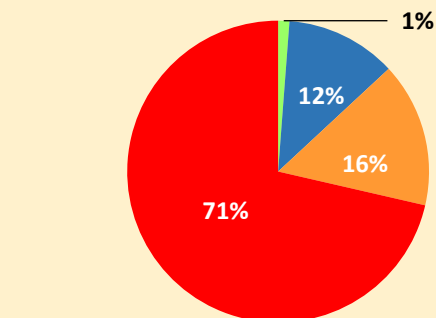
新冠疫苗能保護個人，預防2019冠狀病毒病的嚴重疾病和併發症。在本港，接種兩或三劑新冠疫苗個案的死亡率遠低於未接種的個案。就此，政府強烈建議合資格人士（尤其是12歲以下及60歲以上人士）應盡快接種疫苗。

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	9,311
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	1.41

疫苗接種史* Vaccination History

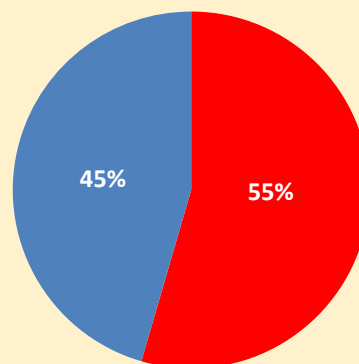


- 已接種三劑(滿14天) Received 3 doses (reached 14 days)
- 已接種兩劑(滿14天) Received 2 doses (reached 14 days)
- 已接種一劑(滿14天) Received 1 dose (reached 14 days)
- 沒有接種疫苗# Unvaccinated#

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

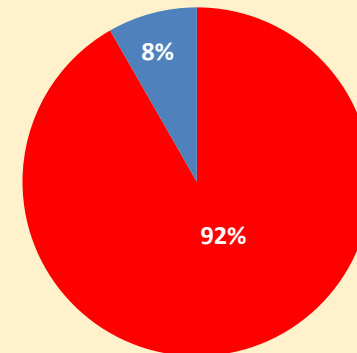
居住院舍情況* Residential Care Home (RCH) Status



- 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

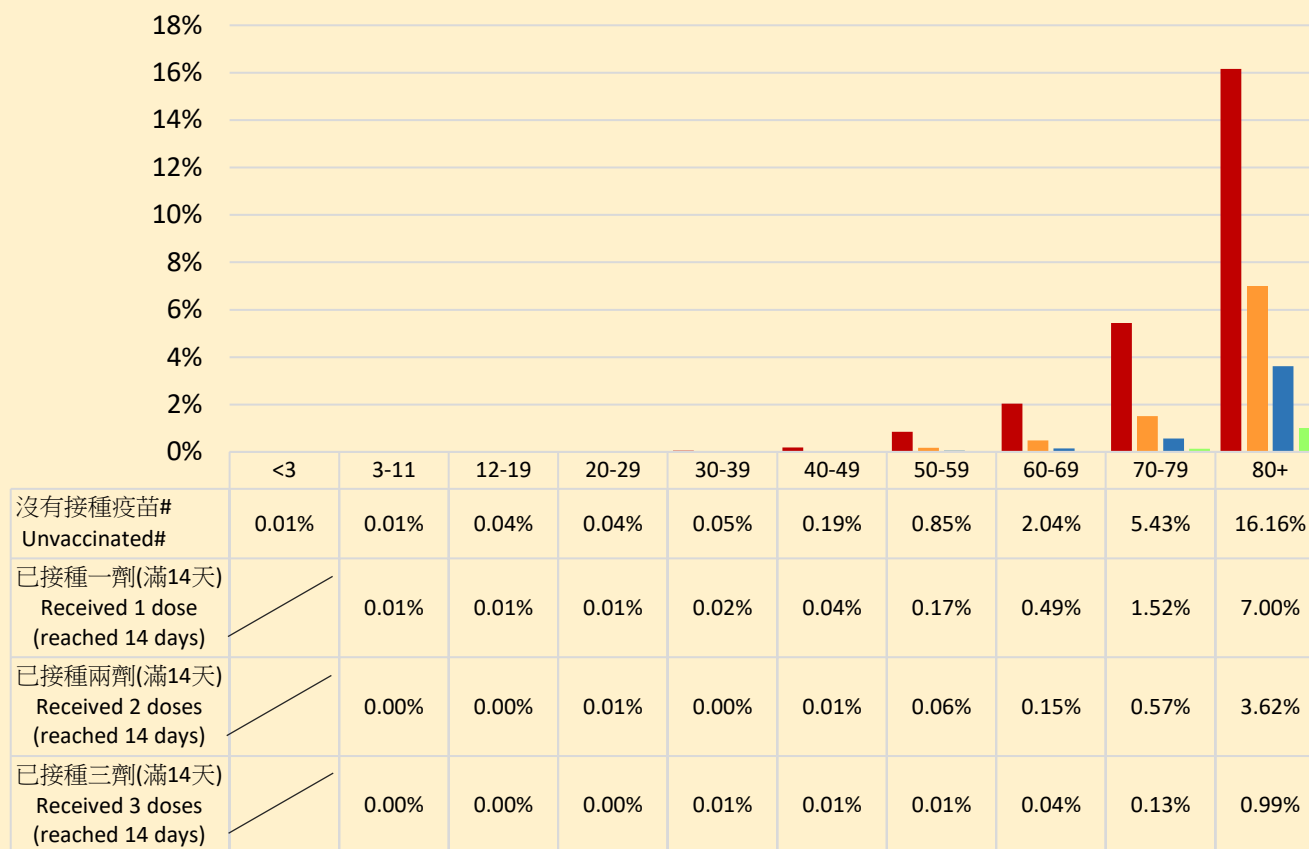
超過九成有已知長期病患情況
More than 90% were
with known chronic diseases

* 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。

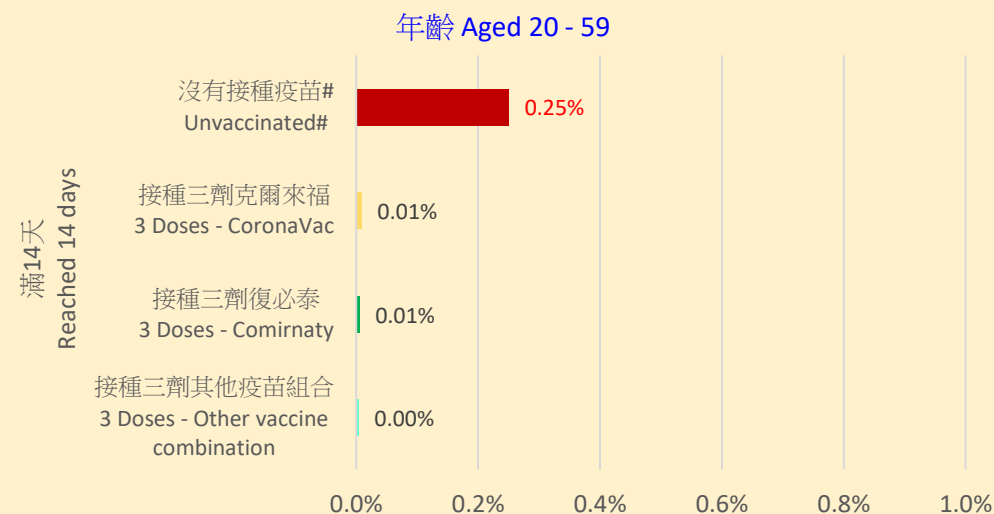
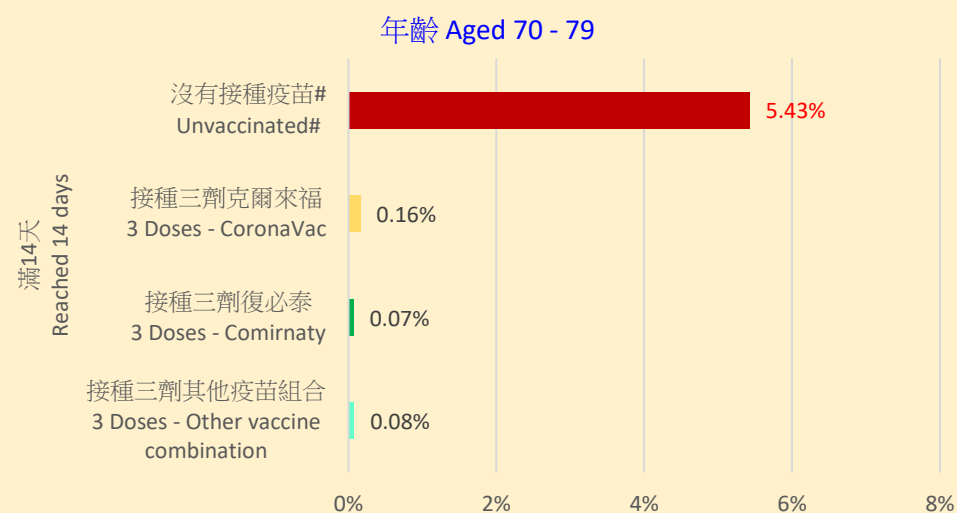
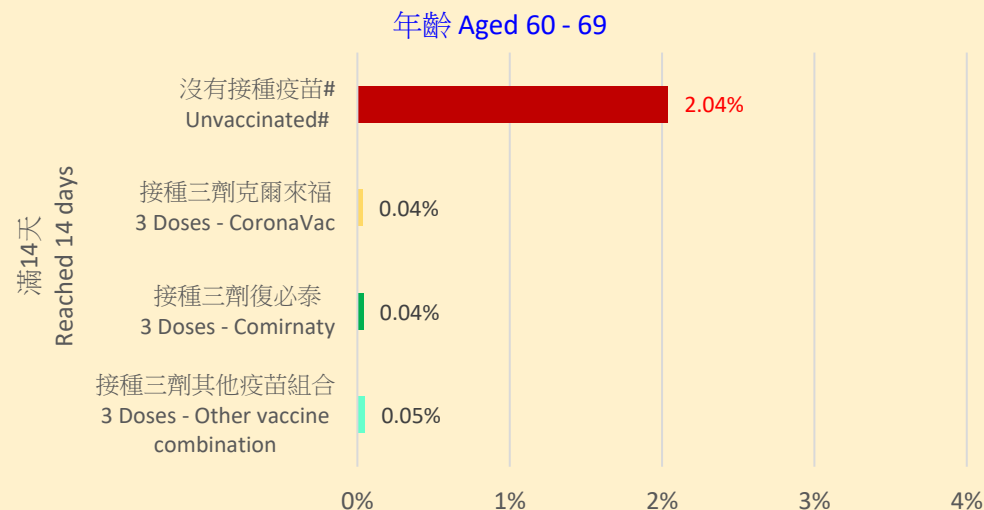
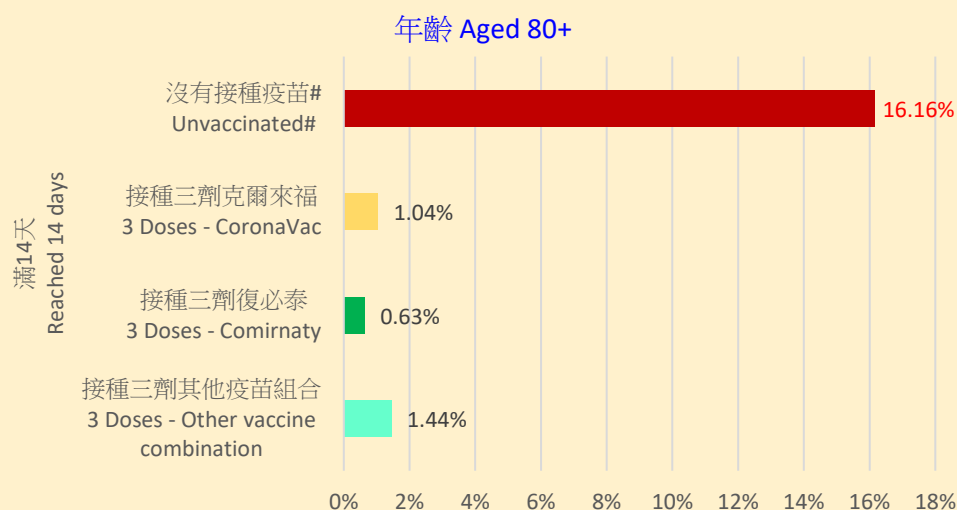
It is counted based on the date of case reporting of each reported case with respect to the date of vaccination to arrive at the time interval. This additional counting method for 'no. of vaccine doses received' is implemented starting from 7 April 2022, including all retrospective data.

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%	0.39%	1.63%	9.72%	0.01%	0.69%
沒有接種疫苗# Unvaccinated#	0.01%	0.01%	0.04%	0.04%	0.05%	0.19%	0.85%	2.04%	5.43%	16.16%	N/A	2.90%
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%	7.00%	N/A	1.02%
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%	7.13%	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%	1.07%	5.66%	N/A	0.26%
接種一劑其他 1 Dose – Others	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%	0.57%	3.62%	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%	0.66%	4.12%	N/A	0.35%
接種兩劑復必泰 2 Doses – Comirnaty	N/A	0.00%	0.00%	0.00%	0.00%	0.02%	0.04%	0.11%	0.39%	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%	0.01%	0.04%	0.13%	0.99%	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%	0.16%	1.04%	N/A	0.06%
接種三劑復必泰 3 Doses – Comirnaty	N/A	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.04%	0.07%	0.63%	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%	0.02%	0.00%	0.00%	0.05%	0.08%	1.44%	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）
Number of Reported Locally Acquired COVID-19 Cases (By PCR or RAT) since 5th Wave by Age Group and Vaccination Status

臨時數據
Provisional data

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	14,605	70,913	54,793	155,473	221,455	218,159	219,222	198,441	95,228	67,911	25,668	1,341,868
沒有接種疫苗# Unvaccinated#	14,605	49,200	7,387	18,954	27,883	18,682	18,204	24,495	19,285	30,176	N/A	228,871
接種一劑疫苗總計 1 Dose – Overall	N/A	13,603	13,883	10,842	17,310	14,076	15,813	23,706	17,153	14,734	N/A	141,120
接種一劑克爾來福 1 Dose – CoronaVac	N/A	11,802	2,277	2,810	6,959	8,255	11,175	18,329	14,436	13,424	N/A	89,467
接種一劑復必泰 1 Dose – Comirnaty	N/A	1,794	11,605	8,027	10,346	5,816	4,637	5,368	2,716	1,308	N/A	51,617
接種一劑其他 1 Dose – Others	N/A	7	1	5	5	5	1	9	1	2	N/A	36
接種兩劑疫苗總計 2 Doses – Overall	N/A	7,903	29,371	102,578	129,746	118,043	117,294	96,773	38,767	17,839	N/A	658,314
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	6,743	4,007	14,844	29,079	44,824	61,271	57,180	26,020	14,019	N/A	257,987
接種兩劑復必泰 2 Doses – Comirnaty	N/A	1,147	25,286	87,549	100,409	72,921	55,755	39,388	12,680	3,796	N/A	398,931
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	13	78	185	258	298	268	205	67	24	N/A	1,396
接種三劑疫苗總計 3 Doses – Overall	N/A	207	4,152	23,099	46,516	67,358	67,911	53,467	20,023	5,162	N/A	287,895
接種三劑克爾來福 3 Doses – CoronaVac	N/A	194	519	4,705	13,239	27,748	34,232	29,114	12,131	3,567	N/A	125,449
接種三劑復必泰 3 Doses – Comirnaty	N/A	6	3,214	15,878	27,922	29,979	23,792	16,662	5,414	1,110	N/A	123,977
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	7	419	2,516	5,355	9,631	9,887	7,691	2,478	485	N/A	38,469

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	2	6	5	14	25	61	255	782	1,555	6,604	2	9,311
沒有接種疫苗# Unvaccinated#	2	5	3	7	15	36	155	500	1,048	4,876	N/A	6,647
接種一劑疫苗總計 1 Dose – Overall	N/A	1	1	1	3	5	27	115	260	1,031	N/A	1,444
接種一劑克爾來福 1 Dose – CoronaVac	N/A	1	0	1	1	5	23	92	231	957	N/A	1,311
接種一劑復必泰 1 Dose – Comirnaty	N/A	0	1	0	2	0	4	23	29	74	N/A	133
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	16	67	145	221	646	N/A	1,106
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	0	0	2	0	5	42	100	172	577	N/A	898
接種兩劑復必泰 2 Doses – Comirnaty	N/A	0	1	4	4	11	25	45	49	69	N/A	208
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	6	22	26	51	N/A	112
接種三劑克爾來福 3 Doses – CoronaVac	N/A	0	0	0	1	1	5	11	20	37	N/A	75
接種三劑復必泰 3 Doses – Comirnaty	N/A	0	0	0	1	3	1	7	4	7	N/A	23
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	7	N/A	14

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)

臨時數據
Provisional data

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 #	12.4%	56.4%	8.4%	60.4%	12.3%	63.9%	20.3%	67.4%	44.4%	73.8%
接種一劑克爾來福 1 Dose – CoronaVac	2.6%	5.1%	4.4%	8.9%	9.2%	11.8%	15.2%	14.9%	19.8%	14.5%
接種一劑復必泰 1 Dose – Comirnaty	4.9%	5.1%	2.4%	1.3%	2.7%	2.9%	2.9%	1.9%	1.9%	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	11.7%	5.1%	24.3%	14.9%	28.8%	12.8%	27.3%	11.1%	20.6%	8.7%
接種兩劑復必泰 2 Doses – Comirnaty	49.9%	20.5%	29.4%	11.4%	19.8%	5.8%	13.3%	3.2%	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	4.8%	2.6%	14.2%	1.9%	14.7%	1.4%	12.7%	1.3%	5.3%	0.6%
接種三劑復必泰 3 Doses – Comirnaty	11.6%	2.6%	12.3%	1.3%	8.4%	0.9%	5.7%	0.3%	1.6%	0.1%
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	2.1%	2.6%	4.5%	0.0%	3.9%	0.5%	2.6%	0.1%	0.7%	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	112,000	- @	- @	- @	- @	7,000	108,000	97,000	119,000	567,000
接種一劑疫苗總計 1 Dose – Overall	N/A	76,575	28,336	21,442	29,304	21,581	22,475	28,791	19,979	20,850	269,333
接種一劑克爾來福 1 Dose – CoronaVac	N/A	53,495	5,280	5,241	10,830	11,312	13,869	20,179	15,497	17,850	153,553
接種一劑復必泰 1 Dose – Comirnaty	N/A	22,767	22,792	15,694	17,933	9,946	8,389	8,499	4,440	2,986	113,446
接種一劑其他 1 Dose – Others	N/A	313	264	507	541	323	217	113	42	14	2,334
接種兩劑疫苗總計 2 Doses – Overall	N/A	290,382	203,730	256,602	322,893	272,122	264,436	251,402	143,749	115,660	2,120,976
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	219,633	37,669	43,995	83,547	105,775	134,377	149,081	101,197	96,068	971,342
接種兩劑復必泰 2 Doses – Comirnaty	N/A	66,190	159,170	200,132	227,709	158,531	123,712	97,490	40,523	18,953	1,092,410
接種兩劑其他疫苗組合 2 Doses – Other vaccine combination	N/A	4,559	6,891	12,475	11,637	7,816	6,347	4,831	2,029	639	57,224
接種三劑疫苗總計 3 Doses – Overall	N/A	23,297	230,236	536,889	775,695	891,609	873,462	648,375	288,823	131,042	4,399,428
接種三劑克爾來福 3 Doses – CoronaVac	N/A	22,424	18,974	63,055	147,432	258,690	324,937	297,439	160,664	91,738	1,385,353
接種三劑復必泰 3 Doses – Comirnaty	N/A	44	179,493	390,476	531,122	508,102	423,709	269,206	98,975	30,361	2,431,488
接種三劑克爾來福和復必泰組合 3 Doses – Combination of CoronaVac and Comirnaty	N/A	233	14,901	34,640	63,806	94,322	96,740	63,681	22,589	7,726	398,638
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	596	16,868	48,718	33,335	30,495	28,076	18,049	6,595	1,217	183,949
接種四劑疫苗總計 4 Doses – Overall	N/A	1	334	3,141	7,587	13,464	24,361	85,673	41,422	11,765	187,748
接種四劑克爾來福 4 Doses – CoronaVac	N/A	0	50	632	2,026	4,398	8,710	35,348	19,149	6,465	76,778
接種四劑復必泰 4 Doses – Comirnaty	N/A	0	93	837	2,858	4,624	8,070	26,203	12,188	3,145	58,018
接種四劑克爾來福和復必泰組合 4 Doses – Combination of CoronaVac and Comirnaty	N/A	1	33	769	1,700	3,214	5,834	20,856	8,377	1,798	42,582
接種四劑其他疫苗組合 4 Doses – Other vaccine combination	N/A	0	158	903	1,003	1,228	1,747	3,266	1,708	357	10,370

^ 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冠狀病毒病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（必須持有效旅遊證件在香港合法逗留，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）。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>

