

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29日00:00)

Provisional Data Analysis on COVID-19 Reported Death Cases

(from 31 Dec 2021 up till 29 Jun 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

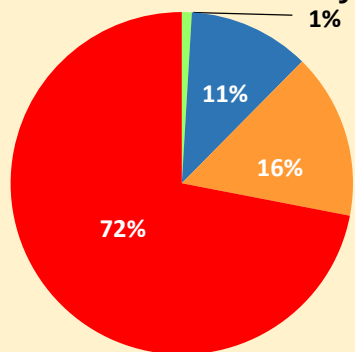
新冠疫苗能保護個人，預防2019冠狀病毒病的嚴重疾病和併發症。在本港，接種兩或三劑新冠疫苗個案的死亡率遠低於未接種的個案。就此，政府強烈建議合資格人士（尤其是12歲以下及60歲以上人士）應盡快接種疫苗。

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	9186
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

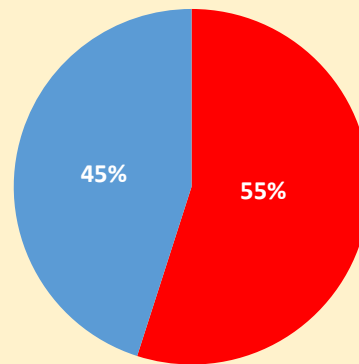


超過七成沒有
接種疫苗#
More than 70%
were unvaccinated#

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#

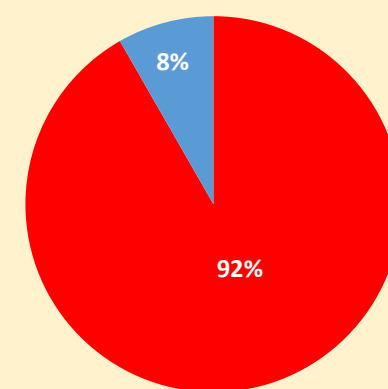
居住院舍情況* Residential Care Home (RCH) Status



- 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



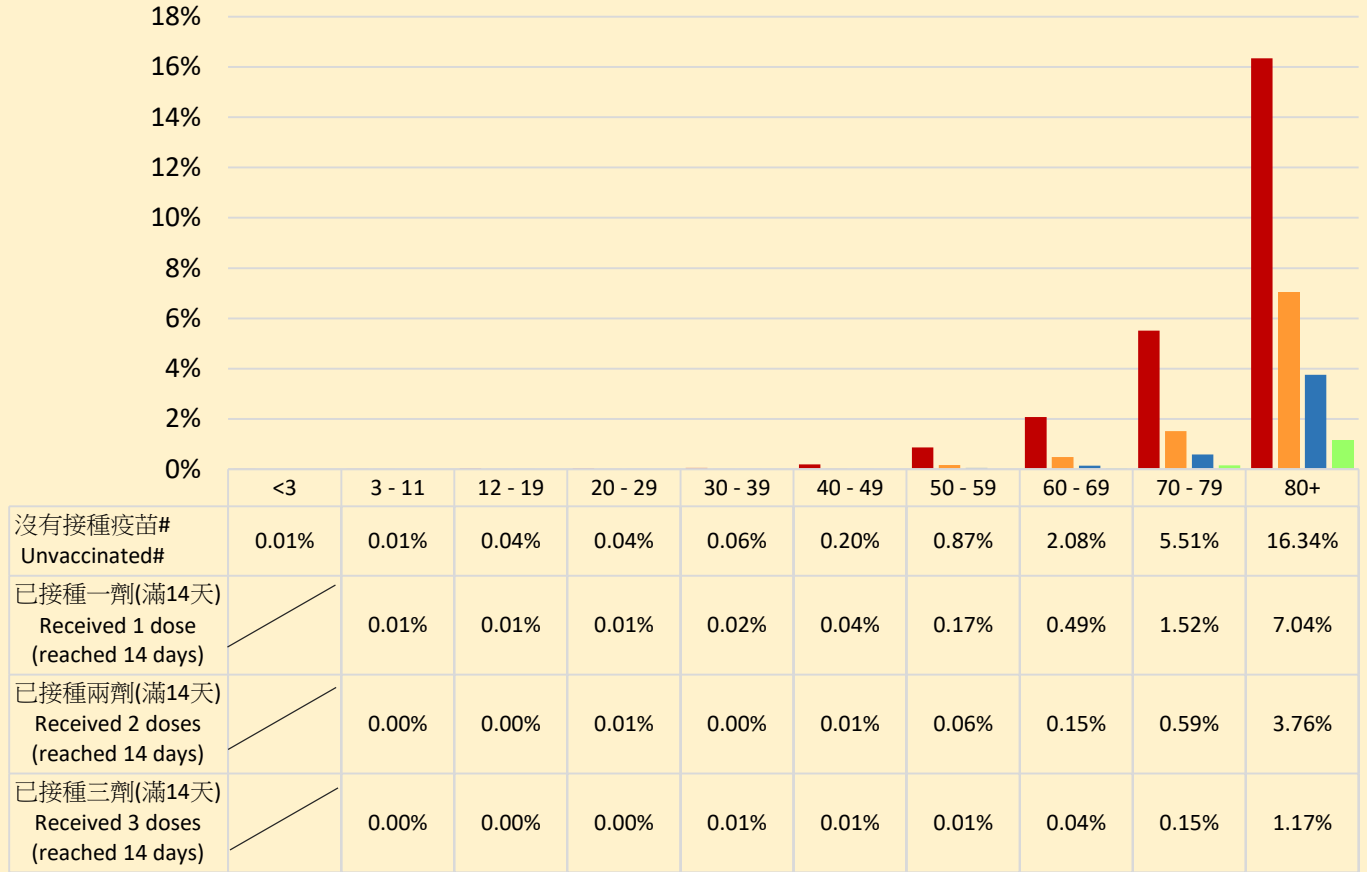
- 已知有長期病患 With known chronic diseases
- 沒有長期病患歷史 No history of chronic diseases

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**



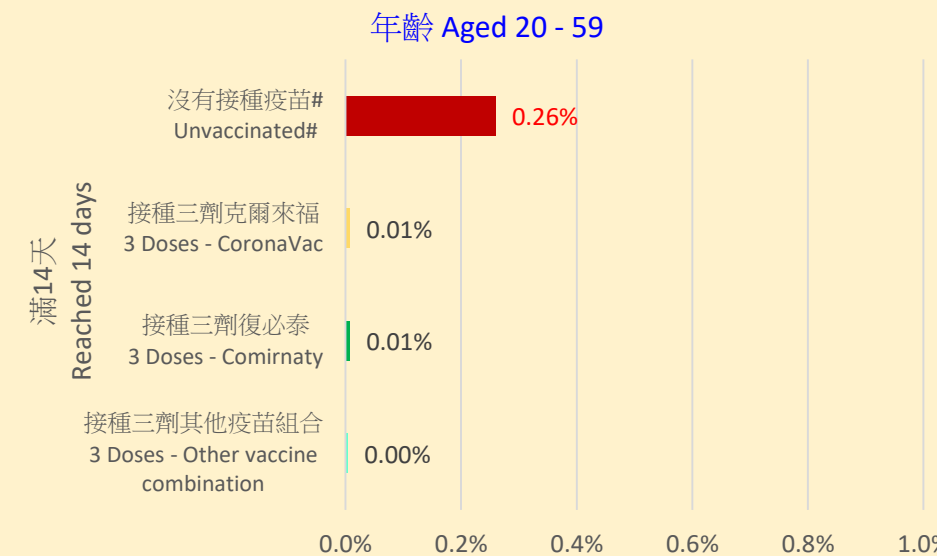
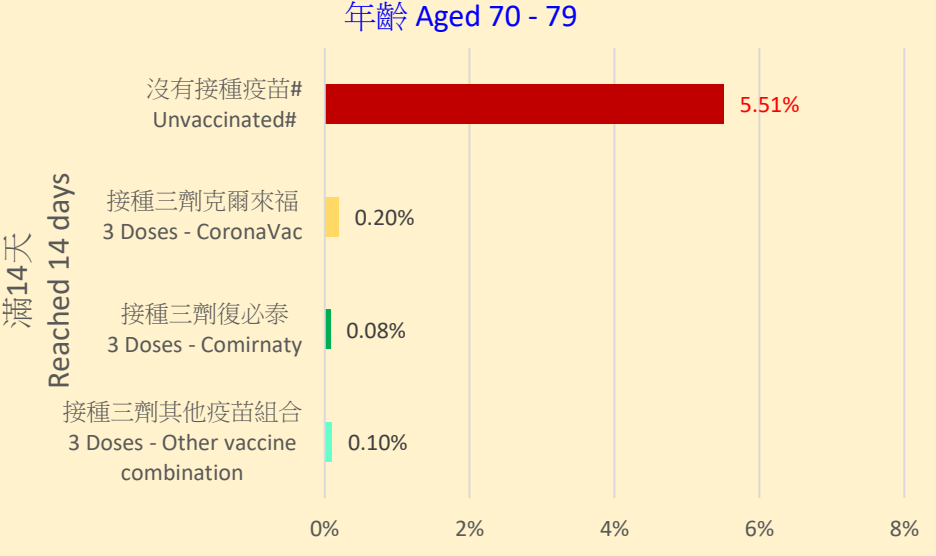
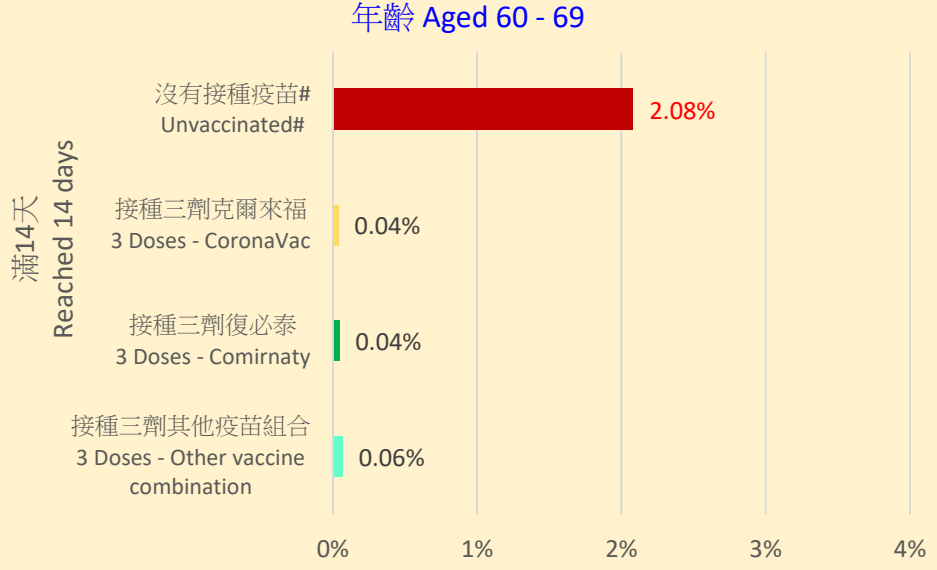
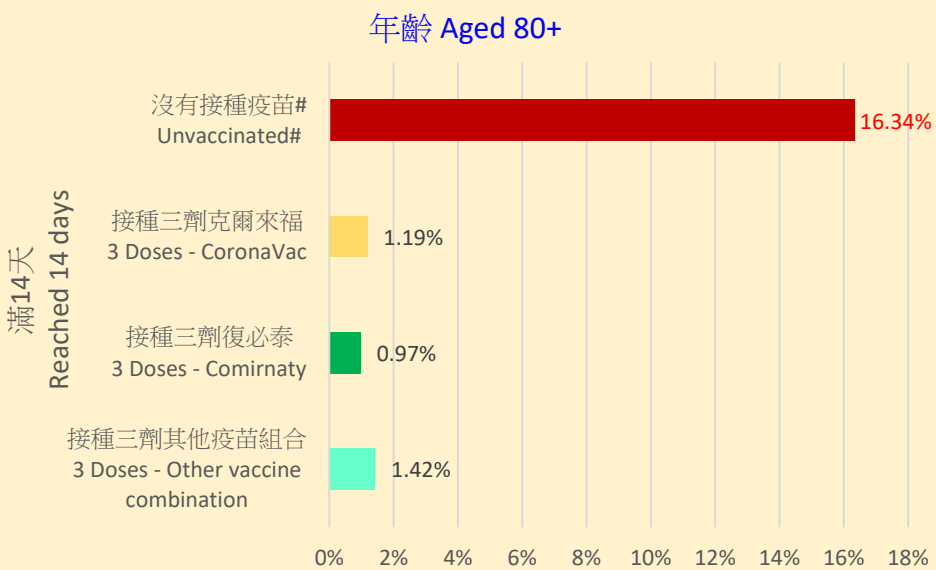
* 計算是根據個別個案的呈報日期，相對於疫苗接種日期之時間間隔。這額外對計算疫苗劑數的方法是由2022年4月7日開始應用，包括追溯所有過往數據。
It is counted based on the date of case reporting of each reported case with respect to the date of vaccination to arrive at the time interval. This additional counting method for 'no. of vaccine doses received' is implemented starting 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%	1.77%	10.27%	0.01%	0.75%
沒有接種疫苗# Unvaccinated#	0.01%	0.01%	0.04%	0.04%	0.06%	0.20%	0.87%	2.08%	5.51%	16.34%	N/A	3.00%
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%	7.04%	N/A	1.03%
接種一劑克爾來福 1Dose – CoronaVac	N/A	0.01%	0.00%	0.04%	0.01%	0.06%	0.21%	0.50%	1.60%	7.17%	N/A	1.47%
接種一劑復必泰 1Dose – Comirnaty	N/A	0.00%	0.01%	0.00%	0.02%	0.00%	0.09%	0.43%	1.08%	5.68%	N/A	0.26%
接種一劑其他 1Dose – 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%	3.76%	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%	0.68%	4.27%	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%	0.05%	0.10%	0.40%	1.94%	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%	0.15%	1.17%	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%	1.19%	N/A	0.06%
接種三劑復必泰 3 Doses – Comirnaty	N/A	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.04%	0.08%	0.97%	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%	0.06%	0.10%	1.42%	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	12,940	62,828	48,793	143,244	202,158	198,472	200,681	181,099	86,826	63,490	25,141	1,225,672
沒有接種疫苗# Unvaccinated#	12,940	47,494	7,110	18,164	26,608	17,839	17,566	23,866	18,878	29,685	N/A	220,150
接種一劑疫苗總計 1 Dose - Overall	N/A	13,048	13,761	10,721	17,139	13,964	15,706	23,586	17,009	14,556	N/A	139,490
接種一劑克爾來福 1Dose - CoronaVac	N/A	11,462	2,237	2,793	6,889	8,197	11,100	18,239	14,312	13,270	N/A	88,499
接種一劑復必泰 1Dose - Comirnaty	N/A	1,584	11,524	7,927	10,247	5,765	4,606	5,342	2,697	1,286	N/A	50,978
接種一劑其他 1Dose - Others	N/A	2	0	1	3	2	0	5	0	0	N/A	13
接種兩劑疫苗總計 2 Doses - Overall	N/A	2,269	26,387	100,126	125,943	115,222	114,661	93,370	36,646	16,159	N/A	630,783
接種兩劑克爾來福 2 Doses - CoronaVac	N/A	2,028	3,077	14,332	27,895	43,388	59,663	54,940	24,454	12,590	N/A	242,367
接種兩劑復必泰 2 Doses - Comirnaty	N/A	237	23,266	85,619	97,806	71,551	54,743	38,238	12,133	3,554	N/A	387,147
接種兩劑其他疫苗組合 2 Doses - Other vaccine combination	N/A	4	44	175	242	283	255	192	59	15	N/A	1,269
接種三劑疫苗總計 3 Doses - Overall	N/A	17	1,535	14,233	32,468	51,447	52,748	40,277	14,293	3,090	N/A	210,108
接種三劑克爾來福 3 Doses - CoronaVac	N/A	9	247	3,682	10,474	22,608	27,555	22,273	8,666	2,021	N/A	97,535
接種三劑復必泰 3 Doses - Comirnaty	N/A	5	1,088	8,682	17,903	21,097	17,151	11,800	3,699	718	N/A	82,143
接種三劑其他疫苗組合 3 Doses - Other vaccine combination	N/A	3	200	1,869	4,091	7,742	8,042	6,204	1,928	351	N/A	30,430

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	250	766	1536	6520	2	9186
沒有接種疫苗# Unvaccinated#	1	5	3	7	15	36	153	497	1040	4852	N/A	6609
接種一劑疫苗總計 1 Dose - Overall	N/A	1	1	1	3	5	27	115	258	1025	N/A	1436
接種一劑克爾來福 1Dose - CoronaVac	N/A	1	0	1	1	5	23	92	229	952	N/A	1304
接種一劑復必泰 1Dose - Comirnaty	N/A	0	1	0	2	0	4	23	29	73	N/A	132
接種一劑其他 1Dose - 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	66	137	216	607	N/A	1053
接種兩劑克爾來福 2 Doses - CoronaVac	N/A	0	0	2	0	5	41	97	167	538	N/A	850
接種兩劑復必泰 2 Doses - Comirnaty	N/A	0	1	4	4	11	25	40	49	69	N/A	203
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	4	17	22	36	N/A	86
接種三劑克爾來福 3 Doses - CoronaVac	N/A	0	0	0	1	1	3	8	17	24	N/A	54
接種三劑復必泰 3 Doses - Comirnaty	N/A	0	0	0	1	3	1	5	3	7	N/A	20
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 #	13.0%	56.4%	8.9%	60.8%	13.2%	64.9%	21.7%	67.7%	46.8%	74.4%
接種一劑克爾來福 1 Dose – CoronaVac	2.8%	5.1%	4.8%	9.0%	10.1%	12.0%	16.5%	14.9%	20.9%	14.6%
接種一劑復必泰 1 Dose – Comirnaty	5.3%	5.1%	2.6%	1.3%	2.9%	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	12.2%	5.1%	25.8%	14.8%	30.3%	12.7%	28.2%	10.9%	19.8%	8.3%
接種兩劑復必泰 2 Doses – Comirnaty	53.1%	20.5%	31.6%	11.6%	21.1%	5.2%	14.0%	3.2%	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	4.1%	2.6%	12.6%	1.3%	12.3%	1.0%	10.0%	1.1%	3.2%	0.4%
接種三劑復必泰 3 Doses – Comirnaty	7.7%	2.6%	9.6%	1.3%	6.5%	0.7%	4.3%	0.2%	1.1%	0.1%
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	1.7%	2.6%	4.0%	0.0%	3.4%	0.5%	2.2%	0.1%	0.6%	0.1%
總計 Grand total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

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	123,000	- @	- @	- @	- @	13,000	115,000	102,000	125,000	602,000
接種一劑疫苗總計 1 Dose – Overall	N/A	89,066	33,501	23,328	32,903	25,595	27,987	39,159	30,277	33,224	335,040
接種一劑克爾來福 1Dose – CoronaVac	N/A	62,714	6,701	6,171	12,979	14,174	18,327	28,931	24,750	29,562	204,309
接種一劑復必泰 1Dose – Comirnaty	N/A	26,223	26,600	16,676	19,391	11,103	9,440	10,116	5,489	3,650	128,688
接種一劑其他 1Dose – Others	N/A	129	200	481	533	318	220	112	38	12	2,043
接種兩劑疫苗總計 2 Doses – Overall	N/A	287,355	217,948	275,304	348,199	298,100	293,484	294,416	175,159	137,547	2,327,512
接種兩劑克爾來福 2 Doses – CoronaVac	N/A	223,380	40,866	48,000	91,618	118,127	151,966	179,807	125,764	114,216	1,093,744
接種兩劑復必泰 2 Doses – Comirnaty	N/A	60,678	171,798	215,331	245,272	172,331	135,310	109,870	47,444	22,804	1,180,838
2 Doses – Other vaccine combination	N/A	3,297	5,284	11,973	11,309	7,642	6,208	4,739	1,951	527	52,930
接種三劑疫苗總計 3 Doses – Overall	N/A	3,392	204,040	509,883	743,273	862,877	843,448	604,046	250,962	94,614	4,116,535
接種三劑克爾來福 3 Doses – CoronaVac	N/A	3,126	14,178	59,316	139,076	247,218	307,719	265,270	130,087	60,438	1,226,428
接種三劑復必泰 3 Doses – Comirnaty	N/A	36	166,976	375,350	513,988	497,292	415,682	260,314	93,470	26,474	2,349,582
接種三劑克爾來福和復必泰組合 3 Doses – Combination of CoronaVac and Comirnaty	N/A	70	13,195	33,533	62,266	93,522	96,339	62,912	21,679	6,639	390,155
接種三劑其他疫苗組合 3 Doses – Other vaccine combination	N/A	160	9,691	41,684	27,943	24,845	23,708	15,550	5,726	1,063	150,370
接種四劑疫苗總計 4 Doses – Overall	N/A	0	123	1,015	2,753	4,997	13,092	69,782	32,590	8,160	132,512
接種四劑克爾來福 4 Doses – CoronaVac	N/A	0	23	194	811	1,777	4,887	28,477	14,769	4,265	55,203
接種四劑復必泰 4 Doses – Comirnaty	N/A	0	21	180	724	1,286	3,880	21,075	9,566	2,282	39,014
接種四劑克爾來福和復必泰組合 4 Doses – Combination of CoronaVac and Comirnaty	N/A	0	9	284	689	1,379	3,581	18,189	7,194	1,420	32,745
接種四劑其他疫苗組合 4 Doses – Other vaccine combination	N/A	0	70	357	529	555	744	2,041	1,061	193	5,550

[^] 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>

