

A detailed map of the Philippines is shown in the background, featuring various islands, provinces, and cities. The map includes labels for major islands like Mindoro, Luzon, and Negros, and cities such as Manila, Cebu, and Iloilo. The title text is centered over the map.

Review of Philippines Population Data - Registered Births and Deaths

Why refer to overall population data?

1. Baring some catastrophic event, population death rates are typically stable over time with only gradual year-on year changes reflecting population aging, and changes in demographics.
2. Population data, including all cause mortality, is a good reflection of population health.
3. Population birth rates also follow predictable patterns and are also typically very stable over time. Changes can reflect population movement, demographics, and economic situation.

Stability of Population Death Data?

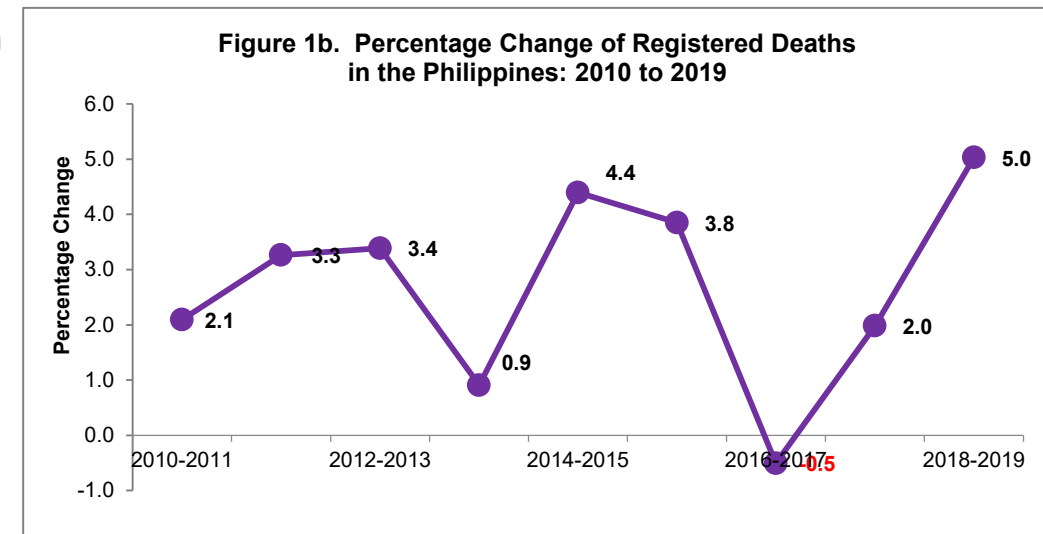
Total Annual, Average Daily, and Percentage Change of Registered Deaths, Philippines: 2010-2019										
Source: www.psa.gov.ph , SR tables on death 2019_0										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Number	488,265	498,486	514,745	532,176	536,999	560,605	582,183	579,237	590,709	620,414
Per Day	1,338	1,366	1,406	1,458	1,471	1,536	1,591	1,587	1,618	1,700
Percent Change		2.1	3.3	3.4	0.9	4.4	3.8	-0.5	2.0	5.0

Source: Philippine Statistics Authority (Data on deaths are those registered at the Office of the City/Municipal Registrars throughout the country and submitted to the Office of the Civil Registrar General using Certificate of Death-Municipal Form 103)

Note: Figures are results of actual registration without any adjustment for under registration

Total historical year-on-year variation on population registered deaths over 10 years ranges from -0.5% to 5.0%

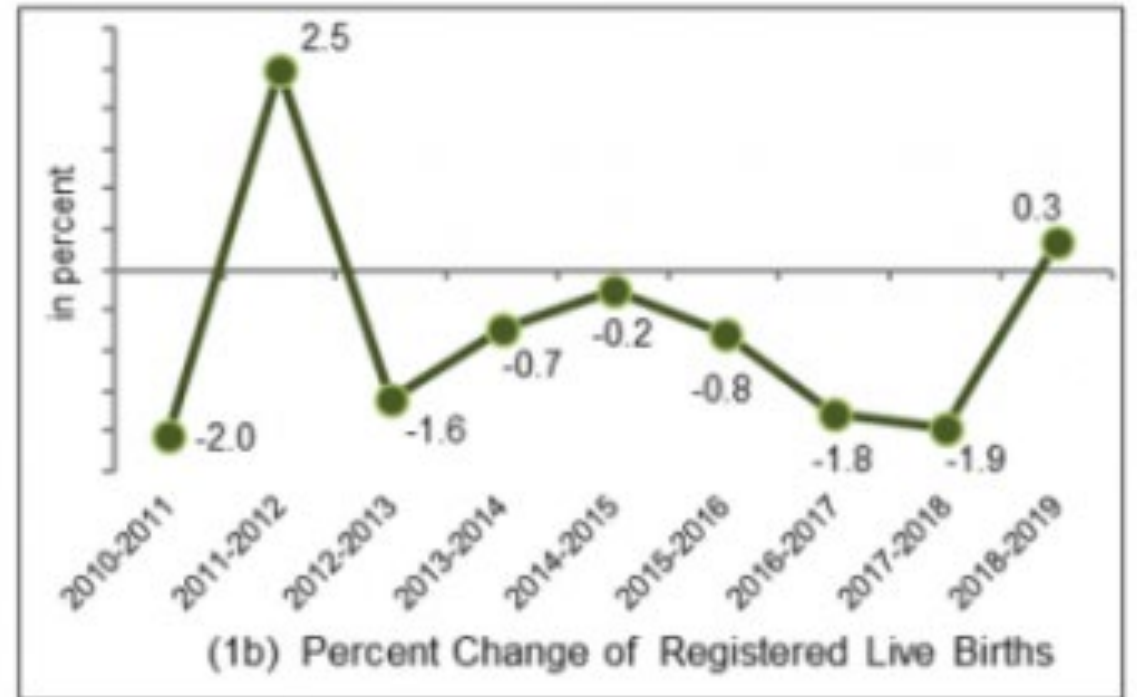
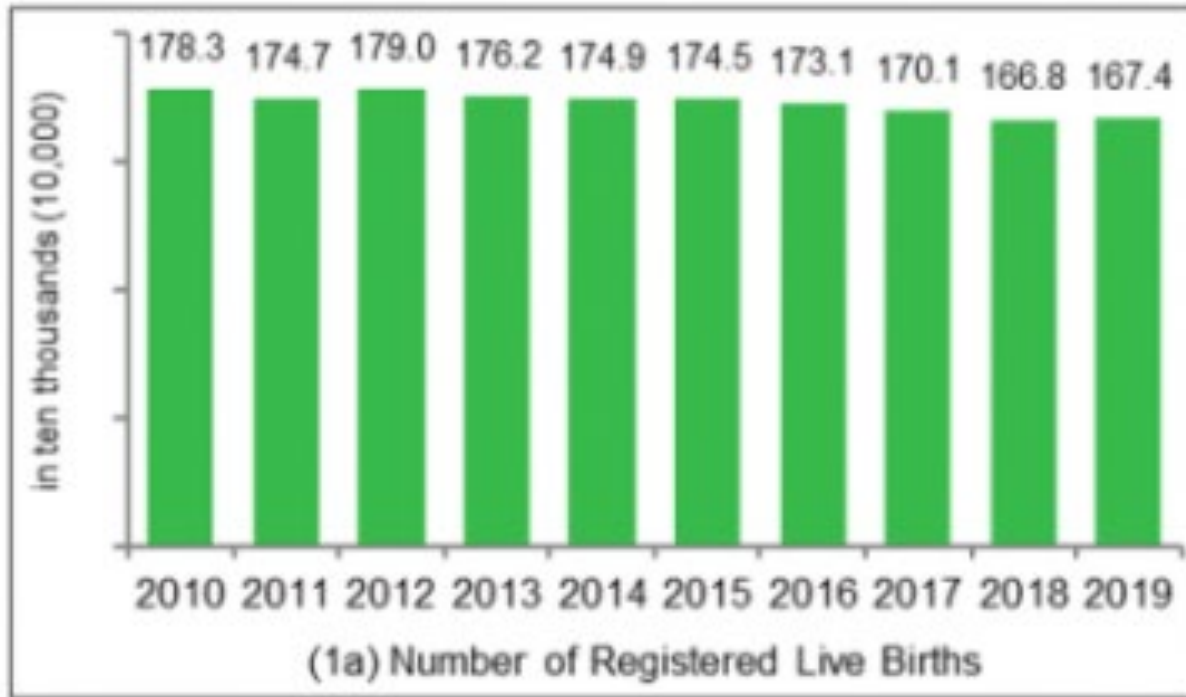
VERY STABLE!!!



Stability of Population Birth Data?

Source: [Registered Live Births in the Philippines, 2019](#) | Philippine Statistics Authority ([psa.gov.ph](#))

Figure 1. Number and Percent Change of Registered Live Births in the Philippines: 2010-2019



Total historical year-on-year variation on population registered live births over 10 years ranges from -2.0% to 2.5%

VERY STABLE!!!

Impacts of Lockdowns on Population

1. Lockdowns in Philippines started on 16 March 2020 and have continued in various forms to date.
2. Poverty is known to decrease life expectancy and increase death rates (short and long-term).
3. Lower incomes / increased poverty
 - Less access to medical care – may translate to higher deaths
 - Less access to quality food – poorer health outcomes
 - Less financial security, people may defer having children
4. Less movement of people
 - Less movement / return of OFWs / less pregnancies initiated during holiday seasons
5. No face-to-face school or higher education access
 - Lower rates of teenage and unmarried pregnancy

Source Data for Evaluation: www.psa.gov.ph

Source: 2_Monthly_Statistics on Births, marriages, Deaths as of 29 November 2021 (Dec 2021 Release)_UPDATED_JRV_CRD

PHILIPPINE STATISTICS AUTHORITY
REPUBLIC OF THE PHILIPPINES
PHILIPPINE STATISTICS AUTHORITY

Philippine Standard Time:
Friday, January 14, 2022, 4:09:30 PM

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All Releases

Birth, Marriage, and Death Statistics for 2021 (Preliminary, as of 29 November 2021)
Release Date: 06 January 2022
The data on the number of births, marriages and deaths (vital events) presented in this regular monthly release were obtained from the vital... [Read more about Birth, Marriage, and Death Statistics for 2021 \(Preliminary, as of 29 November 2021\)](#)

Registered Marriages in the Philippines, 2020
Reference Number: 2022-06
Release Date: 06 January 2022
The number of registered marriages in 2020 only reached 240,775, it declined by -44.3 percent compared with the total registered marriages of 431,... [Read more about Registered Marriages in the Philippines, 2020](#)

Causes of Deaths in the Philippines (Preliminary): January to September 2021
Reference Number: 2021-521
Release Date: 18 December 2021
The top three causes of death in the country from January to September of 2021 were ischaemic heart diseases, cerebrovascular diseases, and... [Read more about Causes of Deaths in the Philippines \(Preliminary\): January to September 2021](#)

Issuance of the Certificates of Live Birth to the Beneficiaries of the Birth Registration Project in Aklan

vital statistics

Contents

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 - Civil Registration and Vital Statistics Handbook for Health Workers
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 - Vital Statistics Primer
 - Philippines Civil Registry Information System (PhilCRIS) Version 3.0
- Technical Notes

Vital Statistics by Year Published

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Infographic

AutoSave Off 2_Monthly_Statistics on Births, Marriages, Deaths as of 29 November 2021 (Dec 2021 release)_UPDATED_JRV_CRD

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Undo Clipboard Font Alignment Number

A2 : X ✓ fx LIST OF TABLES

No.	Table Title
1A	Number of Registered Births By Month, By Region, Province, and City/Municipality, Philippines: January to December 2020
2A	Number of Registered Marriages By Month, By Region, Province, and City/Municipality, Philippines: January to December 2020
3A	Number of Registered Deaths By Month, By Region, Province, and City/Municipality, Philippines: January to December 2020
4A	Number of Vital Events By Sex, By Region, Province, and City/Municipality, Philippines: January to December 2020
1B	Number of Registered Births By Month, By Region, Province, and City/Municipality, Philippines: January to October 2021
2B	Number of Registered Marriages By Month, By Region, Province, and City/Municipality, Philippines: January to October 2021
3B	Number of Registered Deaths By Month, By Region, Province, and City/Municipality, Philippines: January to October 2021
4B	Number of Vital Events By Sex, By Region, Province, and City/Municipality, Philippines: January to October 2021

Ready

Explanatory Notes List of Tables Key Statistics 1A 2020 Births by Month 2A 2020 Marriages by Month

Why Compare 2019, 2020, and 2021 Data?

1. 2019 was last “normal” year prior to the declared covid pandemic. Should show normal patterns of births and deaths.
2. On 16 March 2020 Philippines entered lockdowns. 2020 data will show impacts of lockdown policy on births (delayed) and deaths.
3. March 2021, Philippines commenced population vaccination. Population data from March 2021 onwards will reflect the impacts of the mass anti-covid vaccination programme, as well as ongoing impacts of lockdowns.

Table 1: Rollout Priority for Vaccines in Philippines

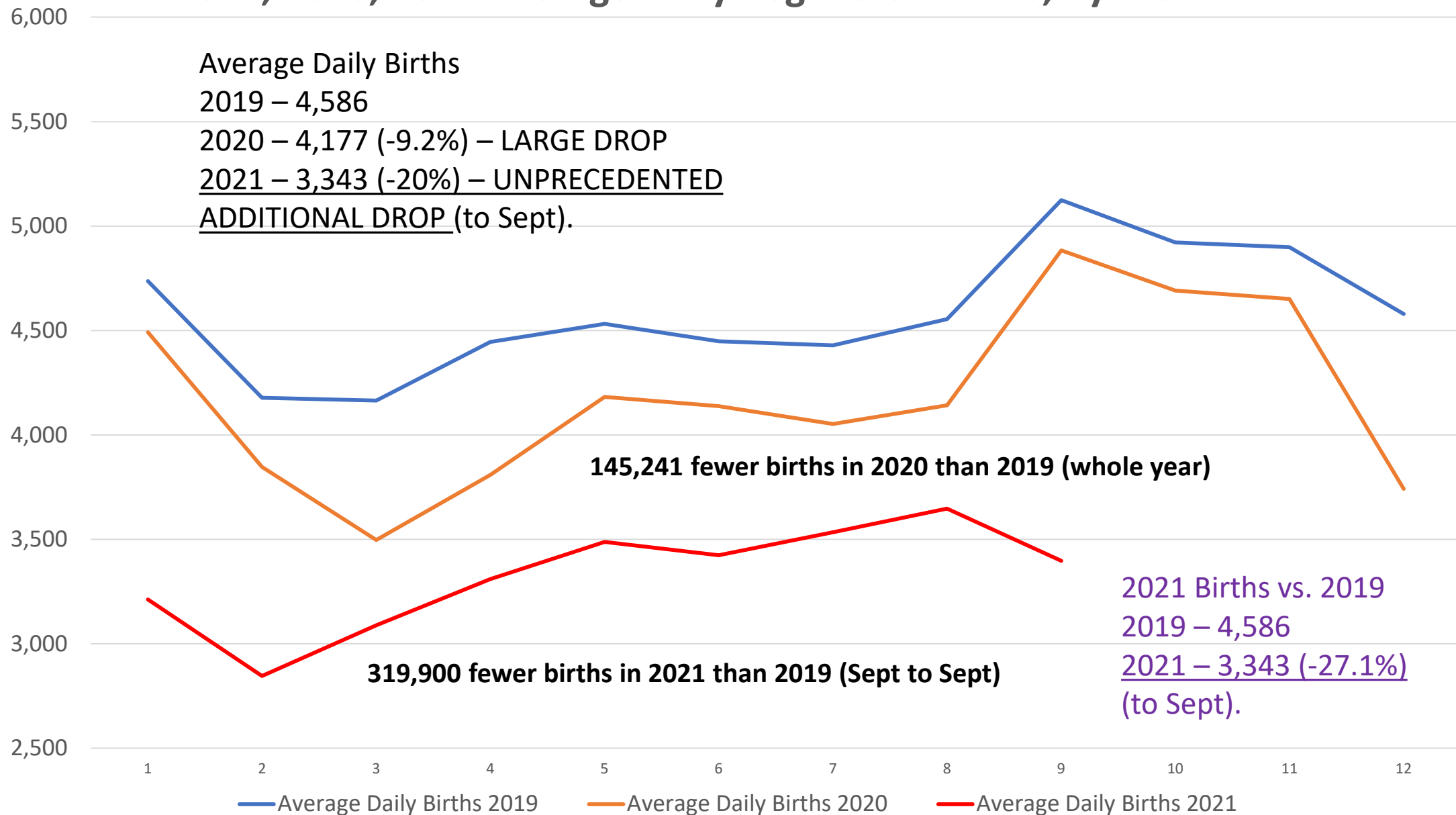
Source: <https://doh.gov.ph/Vaccines/when-will-the-COVID-19-available-to-me>

Priority Eligible A (Start 1 March 21)		Priority Eligible B (~Third Quarter of 2021)		Priority Eligible C (~Fourth Quarter of 2021)
A1	Workers in Frontline Health Services	B1	Teachers, Social Workers	C Rest of the Filipino population not otherwise included in the above groups.
A2	All Senior Citizens	B2	Other Government Workers	
A3	Persons with Comorbidities	B3	Other Essential Workers	
A4	Frontline personnel in essential sectors, including uniformed personnel	B4	Socio-demographic groups at significantly higher risk other than senior citizens and poor population based on the NHTS-PR	
A5	Indigent Population	B5	Overseas Filipino Workers	
		B6	B6. Other Remaining Workforce	

Vaccine booster doses started in November 2021, not reflected in any population data yet.

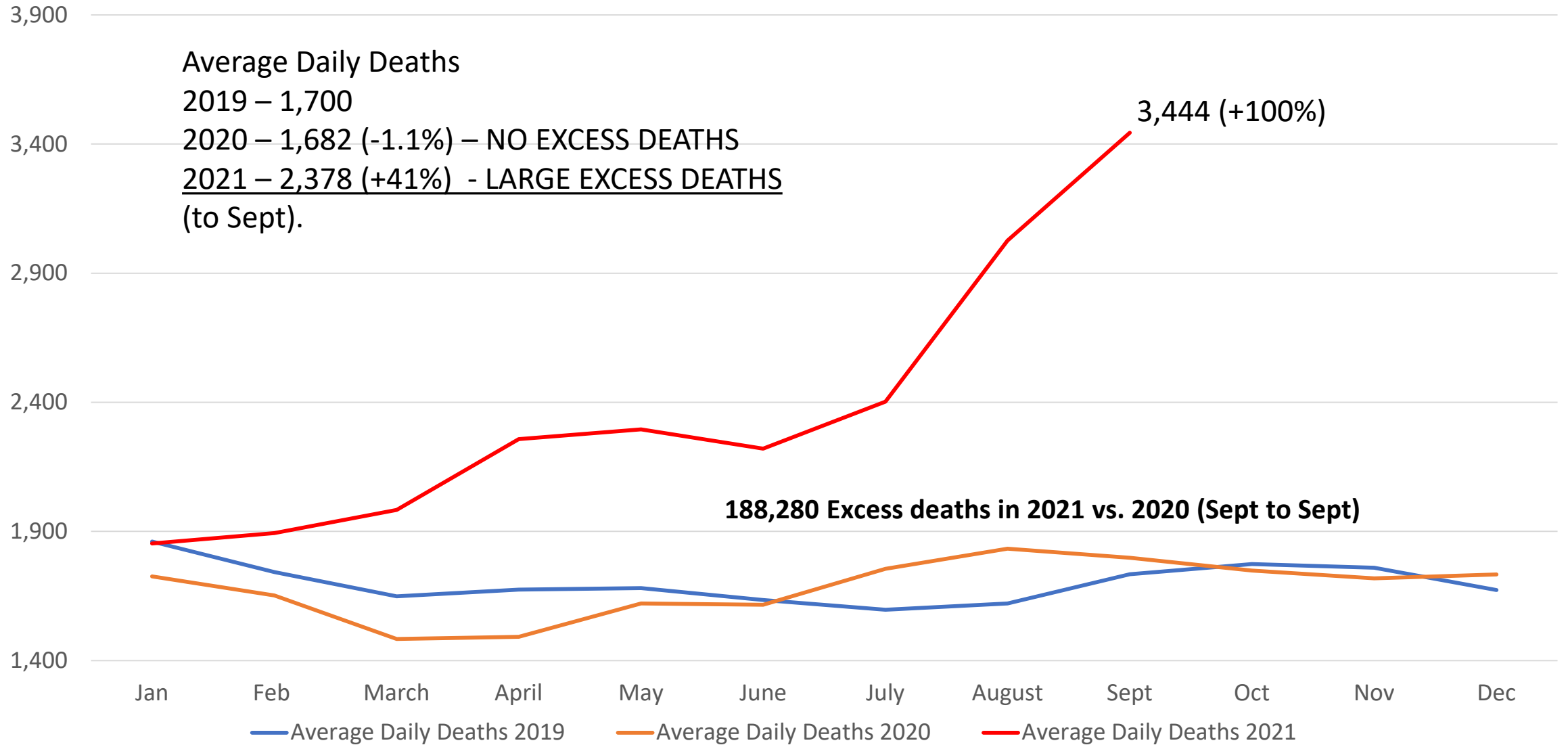
ENTIRE PHILIPPINES

2019, 2020, 2021 Average Daily Registered Births, by Month



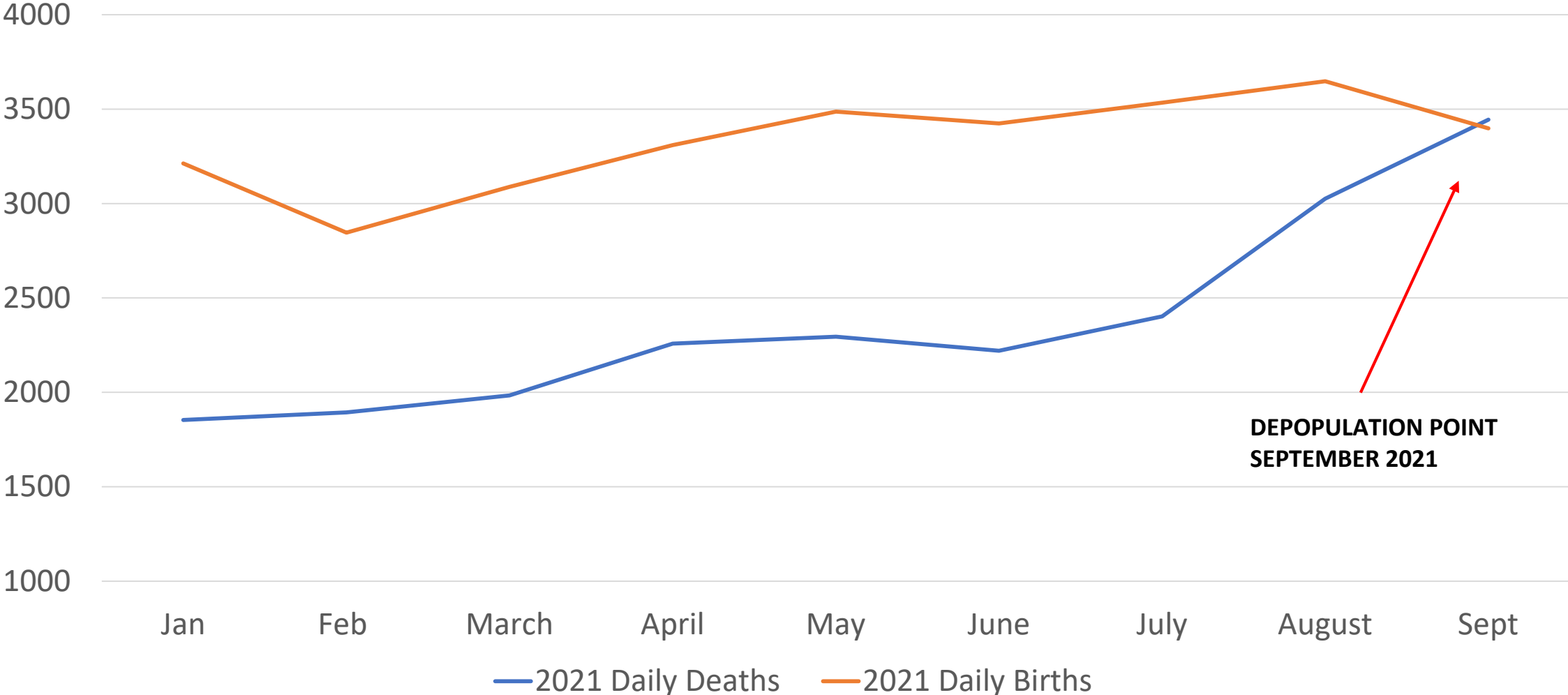
ENTIRE PHILIPPINES

2019, 2020, 2021 Average Daily Registered Deaths, by Month



ENTIRE PHILIPPINES

2021 Daily Registered Births and Deaths



Caveats of Population Data Review

1. All data taken at face value; from PSA, from DOH websites.
2. Whole Philippines evaluation is too broad, effects will be averaged, blunting effects of impacts over time.
3. Pregnancies take 40 weeks. Thus, impacts on registered live birth will be delayed by 9 to 10 months.
4. There were no excess deaths in 2020, the first year of lockdowns. There was also minimal difference from the 2020 data to the data in January and February of 2021.
5. Thus, increases in deaths in 2021, and particularly the sudden increases observed starting in March, cannot be attributed to the lockdowns. They must be attributed to the intervention that also started in March of 2021.
6. PSA death and birth data for 2021 are still preliminary. Additional births and deaths, particularly in the later months of the data set are still expected. This will make the EXCESS DEATHS shown in the figures below WORSE. Delayed registration of BIRTHS may IMPROVE birth data.
7. 2021 data is only presented up to September 2021, which is the last relatively complete monthly data set available at time of this publication.
8. Booster dose delivery started in November 2021. No data is yet available to assess implications.

#StopTheSpread

COVID-19 Vaccination in Pregnancy and Lactation



Source: Philippine Infectious Diseases Society for Obstetrics and Gynecology



SOURCES

Update on WHO Interim Recommendations on COVID-19 Vaccination of Pregnant Women and Lactating Women, June 2, 2021

ACOG Practice Advisory: COVID-19 Vaccination Considerations for Obstetric-Gynecologic Care, July 30, 2021

Villar J, Ariff S, Gunler RB, et al. Maternal and Neonatal Morbidity and Mortality Among Pregnant Women With and Without COVID-19 Infection: The INTERCOVID Multinational Cohort Study. JAMA Pediatr. Published online April 22, 2021. doi:10.1001/jamapediatrics.2021.1050

COVID -19 VACCINATION IS RECOMMENDED FOR ALL PREGNANT AND BREASTFEEDING WOMEN.

The currently approved vaccines protect against severe and critical COVID infection. While there is limited safety data on COVID vaccines in pregnancy, the benefits far outweighs the risks.

COVID-19 INFECTION IN PREGNANCY has increased risk of :

- pregnancy-induced hypertension
- infections requiring antibiotics
- ICU admission and mechanical ventilation
- longer hospital stay
- cesarean delivery
- premature birth, intrauterine fetal deaths and neonatal deaths



ANY OF THE EUA-APPROVED VACCINES BY THE PHILIPPINE FDA CAN BE ADMINISTERED TO PREGNANT AND BREASTFEEDING WOMEN.

- The vaccine is preferably given from **14 weeks AOG** onwards.
- The vaccine may be given in the first trimester if at high risk for acquiring COVID-19 infection.
- Women should be counselled on the benefits of vaccination as well as the common side effects of the vaccines.
- Women should continue breastfeeding after receiving the COVID-19 vaccine.

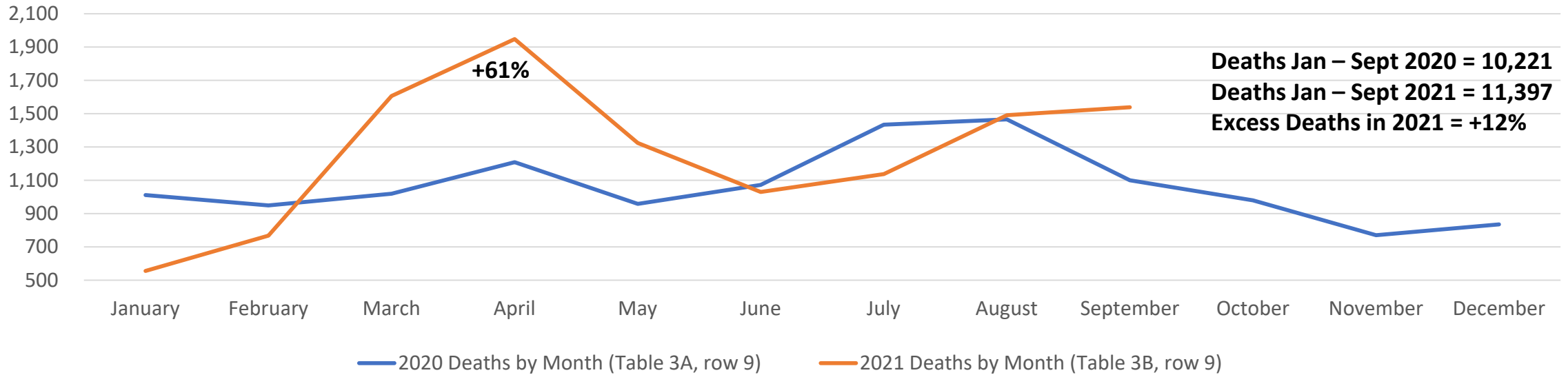


Early August 2021, commence vaccination of pregnant women focusing on women in their 3rd trimester. This will affect deliveries from 2021 August & September onwards!

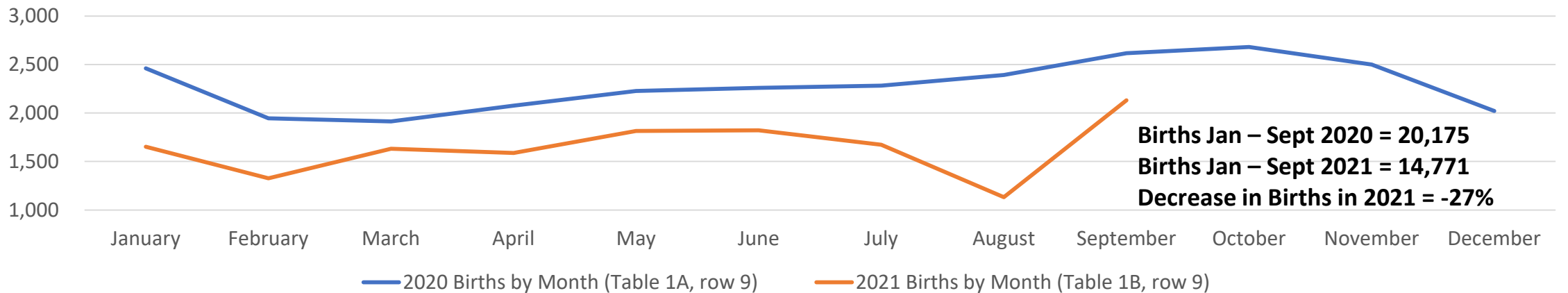
Assessment Birth & Death Rates of 6 NCR Cities

1. NCR District 1, Manila, & NCR District 2, Marikina City, Mandaluyong City, Quezon City, Pasig City, San Juan City
2. Excess registered deaths from 2020 to 2021 in the cities evaluated here showed increases ranging from 12 to 35% of total typical deaths. All cities show similar patterns. Far greater than the historical 5% maximum variation.
3. Reduction in registered births in 2021 compared to 2020 in the cities evaluated here ranged from -20% to -34%. Far greater than the historical 2.5% maximum variation.
4. San Juan City showed depopulation in 2021 up to September with more deaths than births registered.
5. Reduction in births started in 2020 and worsened in 2021.
6. Increase in deaths started abruptly in MARCH 2021
7. There is NO EXPLANATION except the intervention roll out!

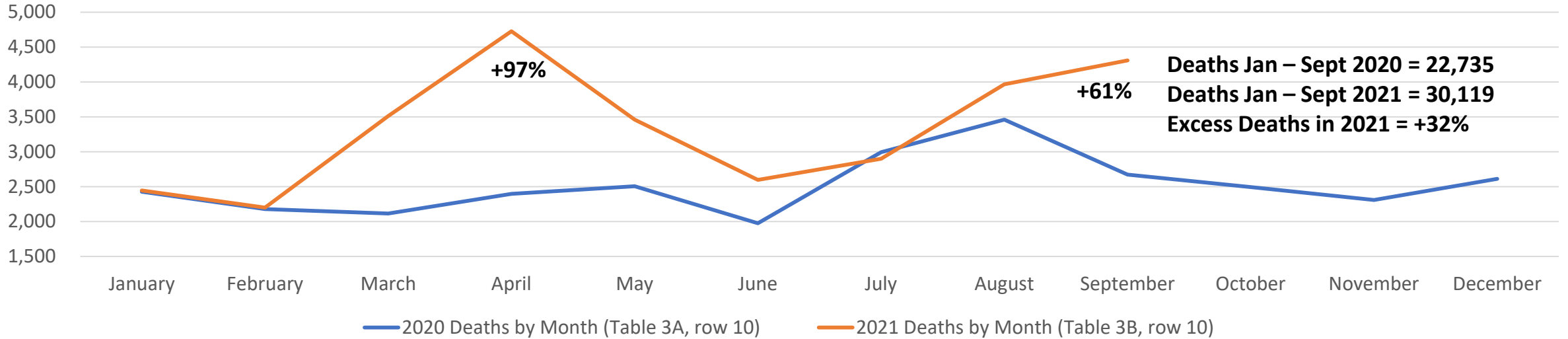
1st District, City of Manila 2020 and 2021 Registered Deaths, by Month



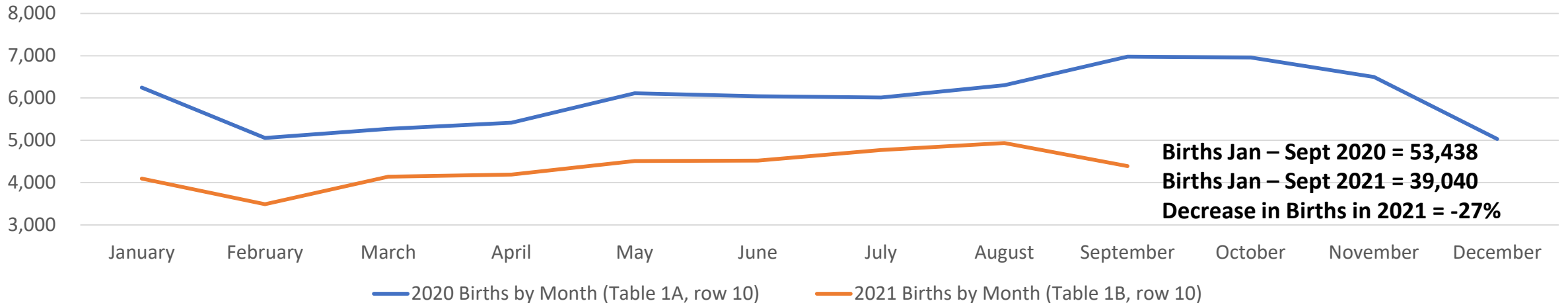
District 1, City of Manila 2020 and 2021 Registered Births, by Month



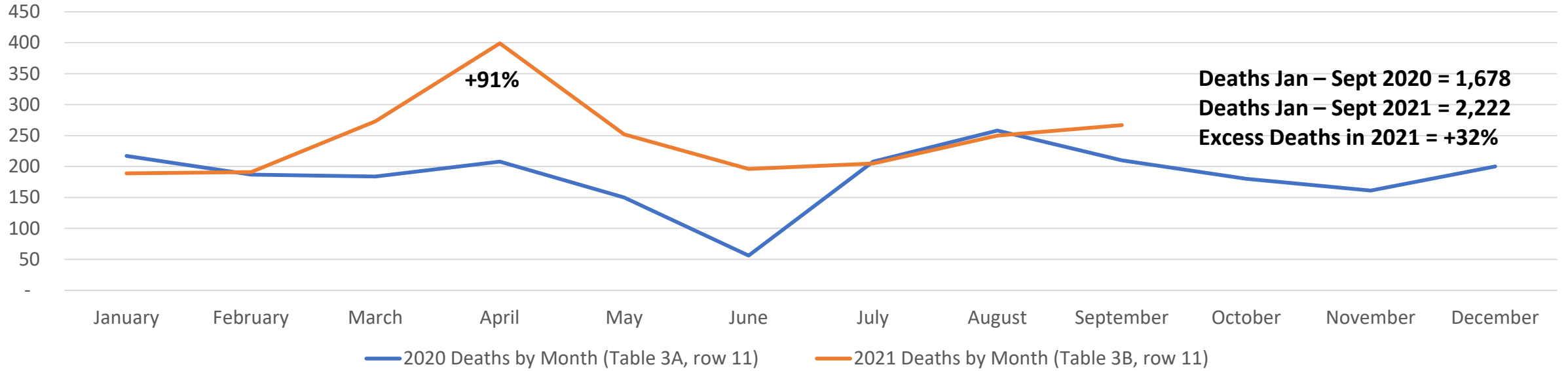
Second District (5 Cities): 2020 and 2021 Registered Deaths by Month



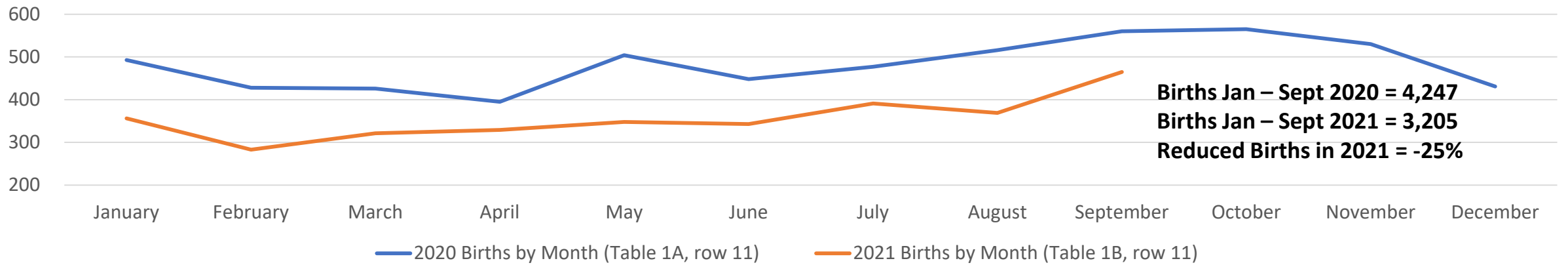
Second District (5 Cities): 2020 and 2021 Registered Births, by Month



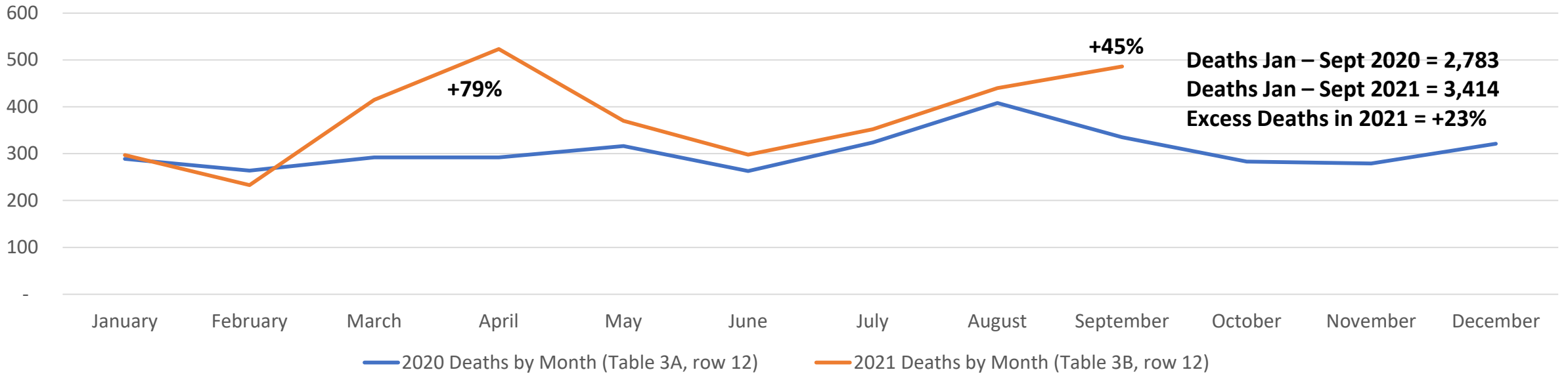
Second District, City of Mandaluyong: 2020 and 2021 Registered Deaths by Month



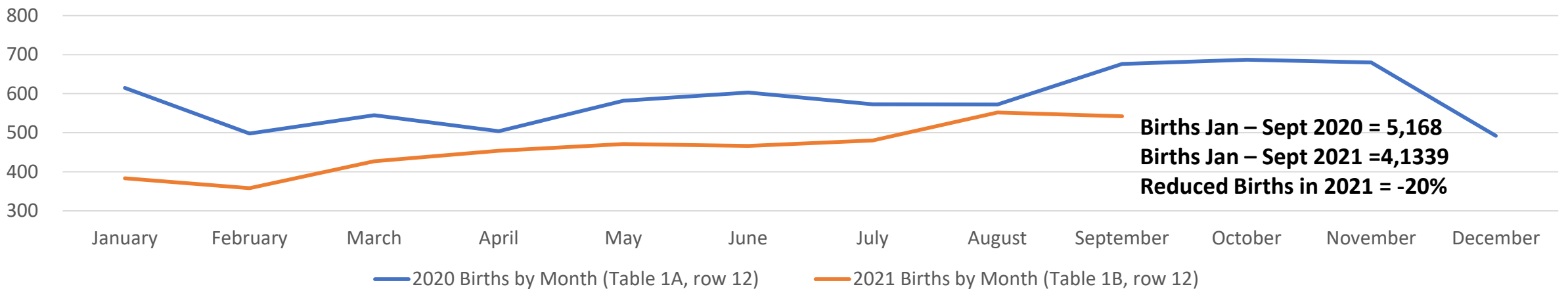
Second District, City of Mandaluyong: 2020 and 2021 Registered Births by Month



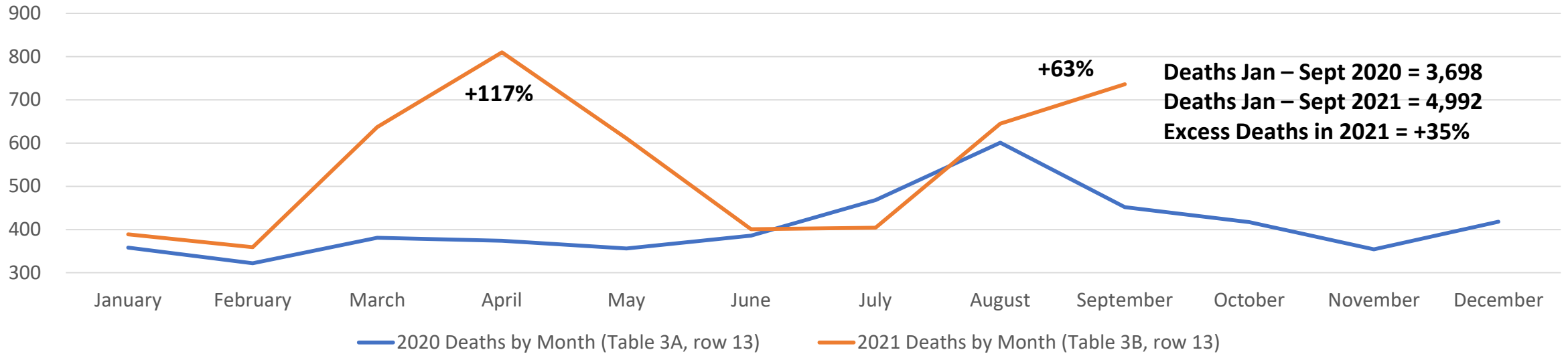
Second District, City of Marikina: 2020 and 2021 Registered Deaths by Month



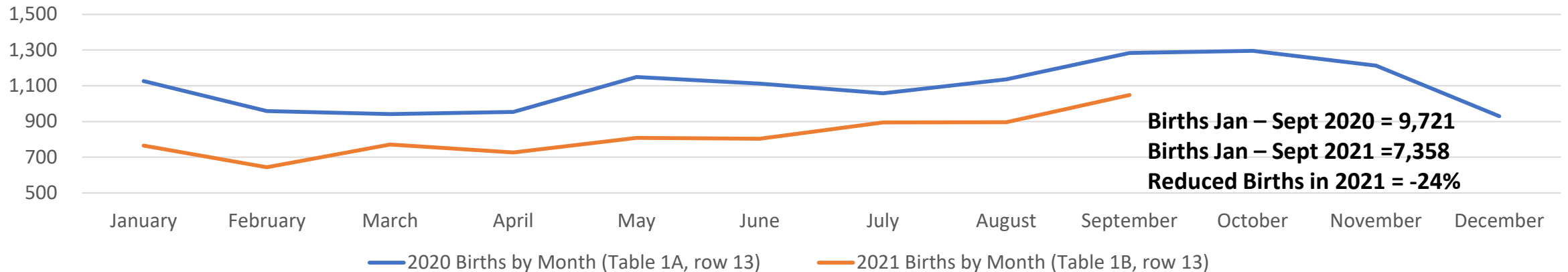
Second District, City of Marikina: 2020 and 2021 Registered Births by Month



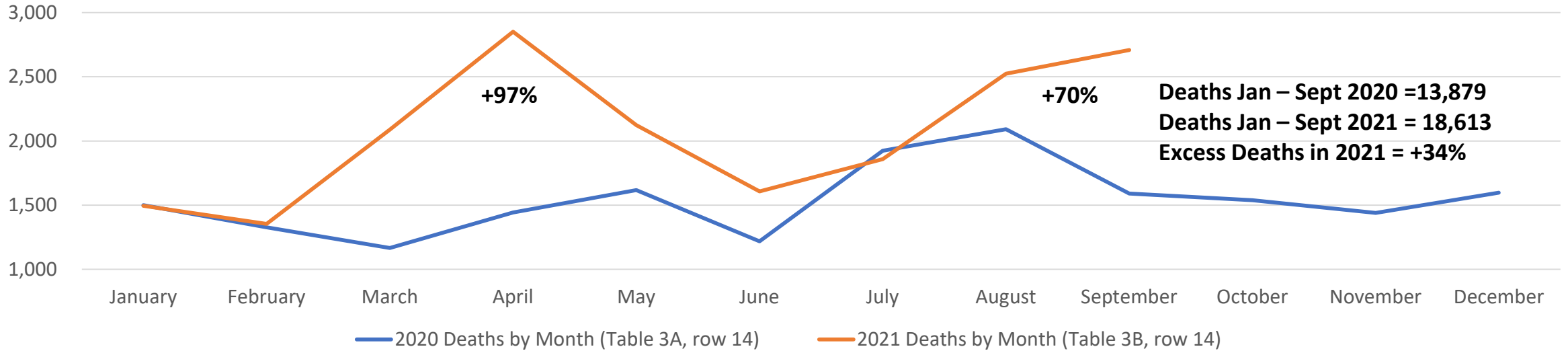
Second District, City of Pasig: 2020 and 2021 Registered Deaths by Month



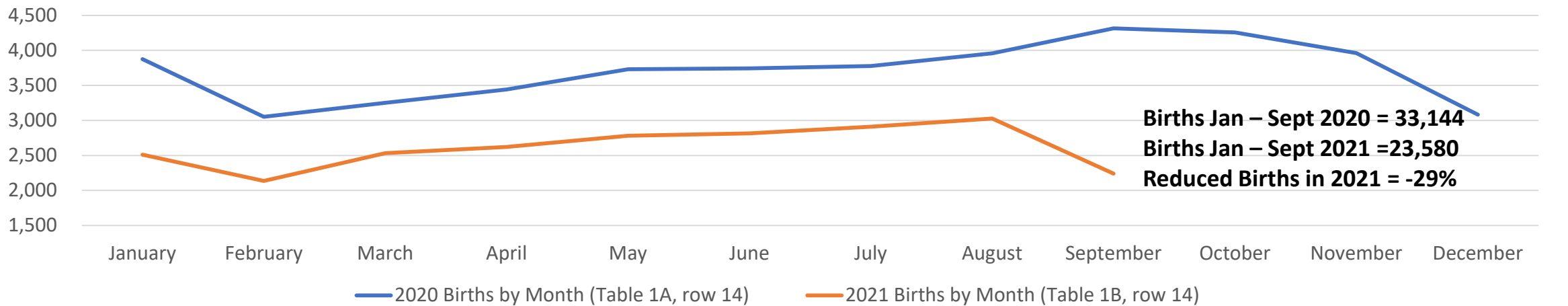
Second District, City of Pasig: 2020 and 2021 Registered Births by Month



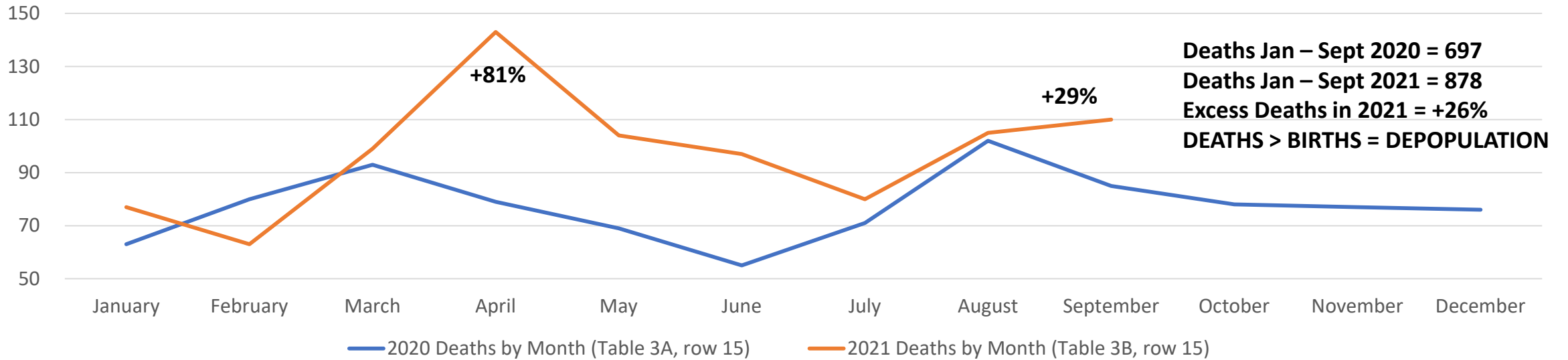
Second District, Quezon City: 2020 and 2021 Registered Deaths by Month



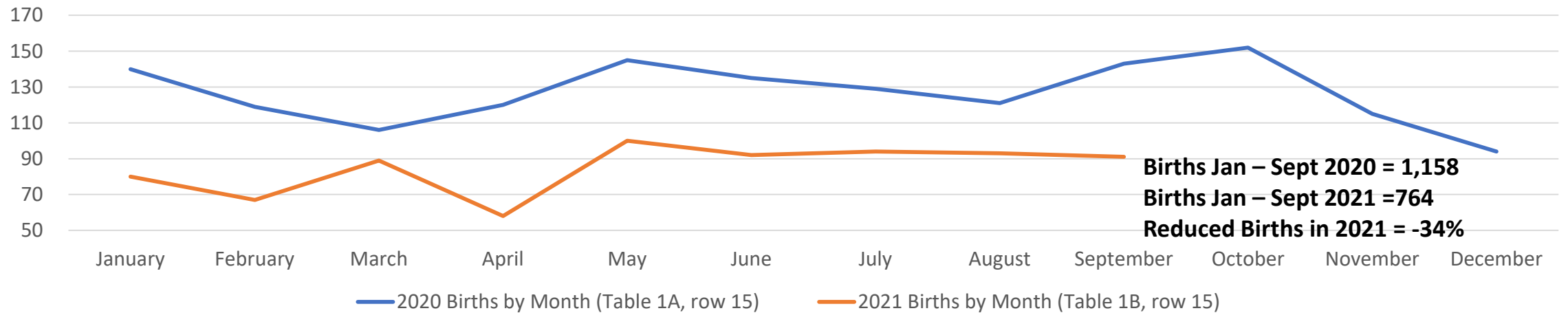
Second District, Quezon City: 2020 and 2021 Registered Births by Month



Second District, City of San Juan: 2020 and 2021 Registered Deaths by Month



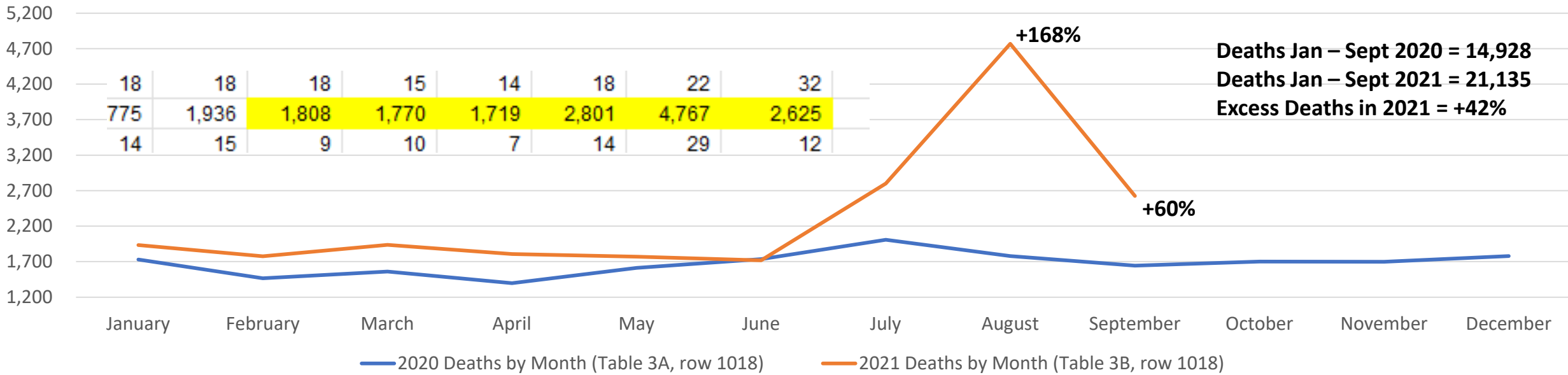
Second District, City of San Juan: 2020 and 2021 Registered Births by Month



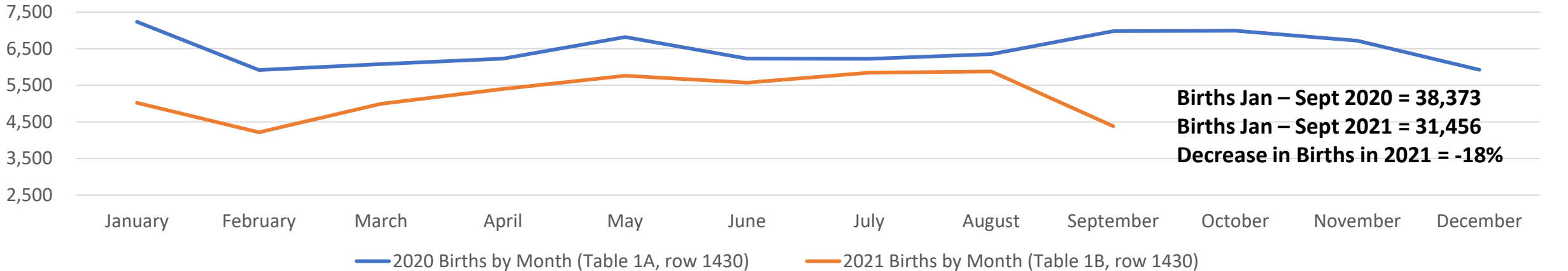
Assessment Birth & Death Rates in Selected Provincial Centers

1. Cebu, Negros Occidental, Davao, Iloilo and Lanao Del Sur data is presented.
2. Same patterns of sudden and unnatural increase in deaths seen in NCR.
3. Lanao Del Sur (16% vaccination) shows spike in March of 2021. Pattern different from other centers, though still elevated.
4. Same patterns of decreases in births.
5. Drop in registered live births particularly marked in September of 2021 in some provinces.

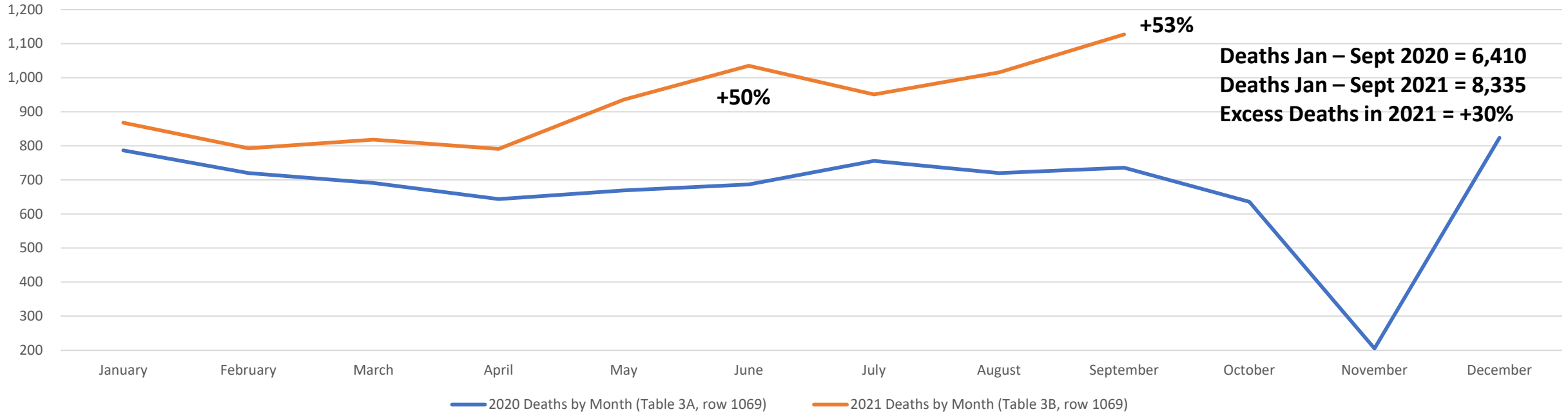
Cebu 2020 and 2021 Registered Deaths, by Month (Jan to Sept)



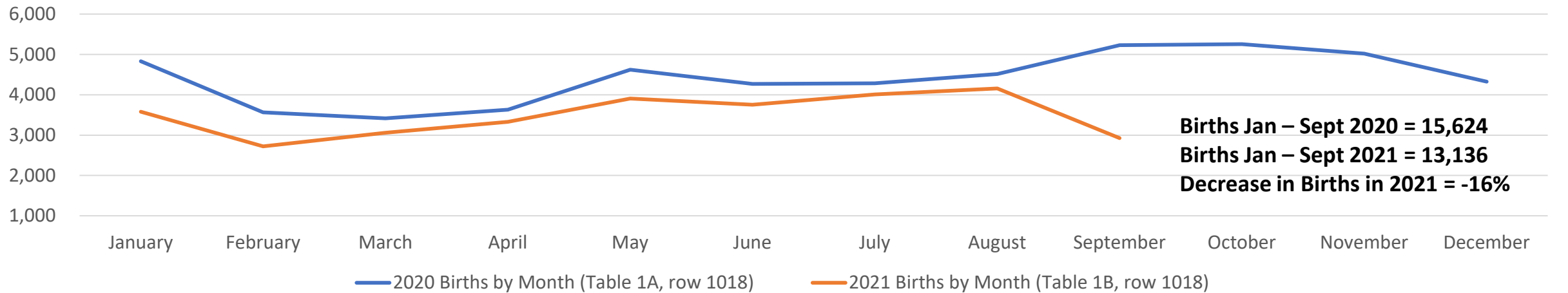
Cebu 2020 and 2021 Registered Births, by Month



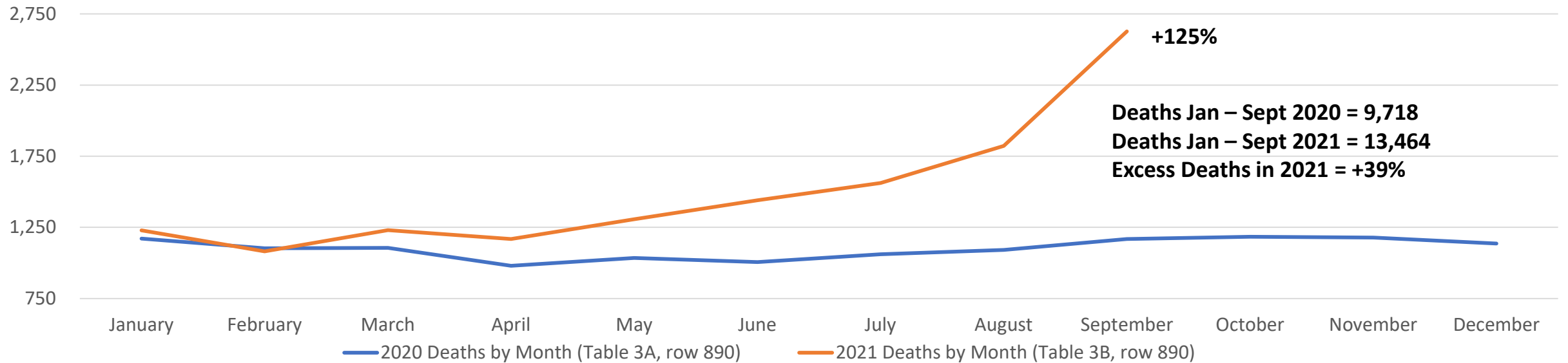
Negros Oriental 2020 and 2021 Registered Deaths, by Month (Jan to Sept)



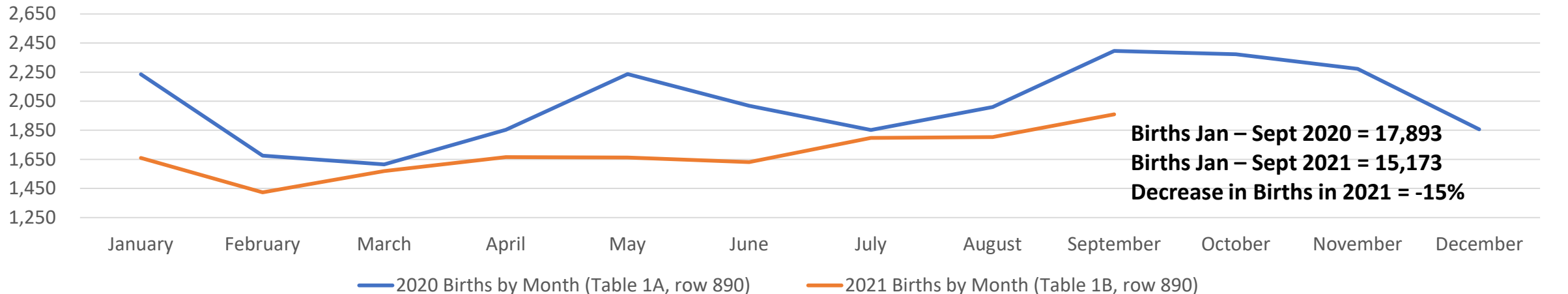
Negros Oriental 2020 and 2021 Registered Births, by Month



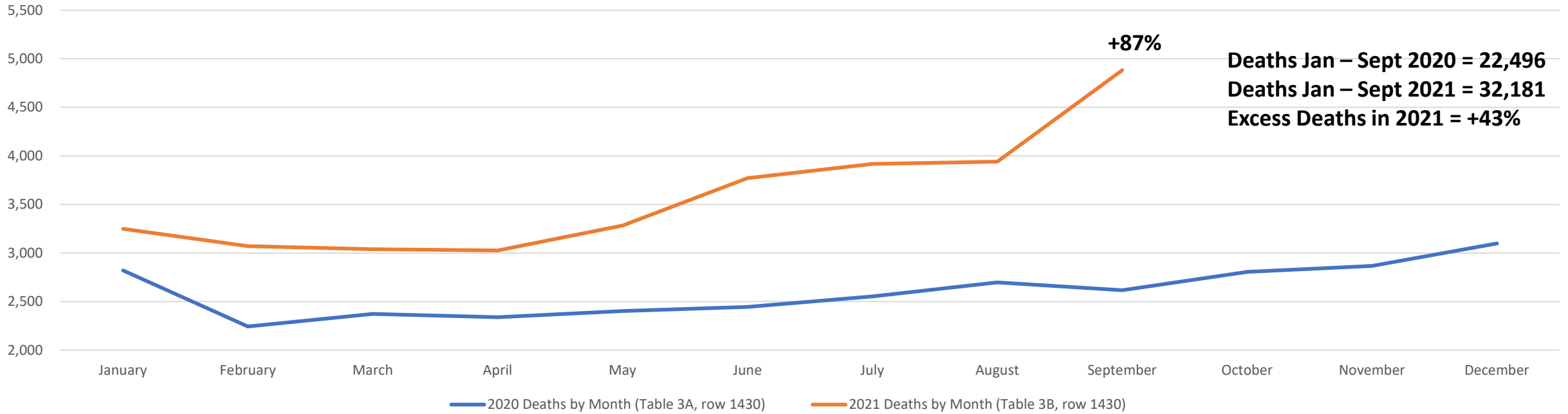
Iloilo 2020 and 2021 Registered Deaths, by Month (Jan to Sept)



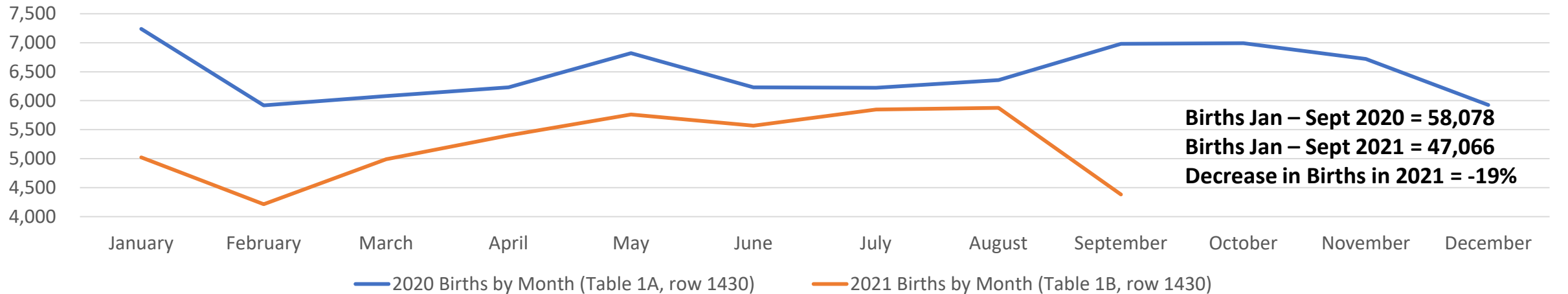
Iloilo 2020 and 2021 Registered Births, by Month



Davao 2020 and 2021 Registered Deaths, by Month (Jan to Sept)



Davao 2020 and 2021 Registered Births, by Month



Lanao del Sur appeals for national govt help in COVID-19 response

Only 16% vaccinated!

By CNN Philippines Staff

Published Jan 14, 2022 9:08:51 PM



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Metro Manila (CNN Philippines, January 14) – Lanao del Sur on Friday appealed for help from national authorities to address vaccine hesitancy and increase medicine supply in the province.

Gov. Bombit Adiong said only 16% of Lanao del Sur's eligible population had already been vaccinated against COVID-19, with just about 290,000 vaccine doses administered as of Jan. 8.

Adiong added that vaccine hesitancy is still prevalent in the province, especially among residents who think vaccines are bad for their health.

"Nakakahiya sabihin pero naniniwala pa rin sila sa fake news. Hindi natin malaman kung papaano natin sila makumbinse. Ang mga preacher natin, every Friday sa loob ng mosque, nagse-sermon din sila tungkol sa vaccines na ito'y hindi nakakasama sa ating katawan," the governor told CNN Philippines' The Final Word.

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May parating na remittance?

Pinadali at PadaLapit na ang pag-pick up ng iyong Western Union remittance! Smart Padala by PayMaya

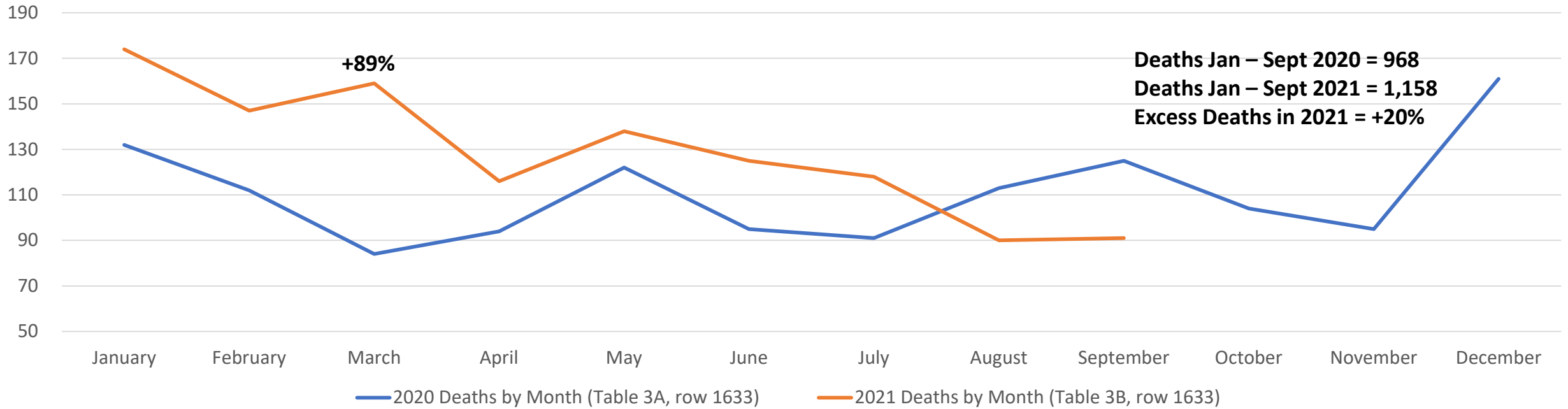
LEARN MORE

Metro Manila (CNN Philippines, January 14) – Lanao del Sur on Friday appealed for help from national

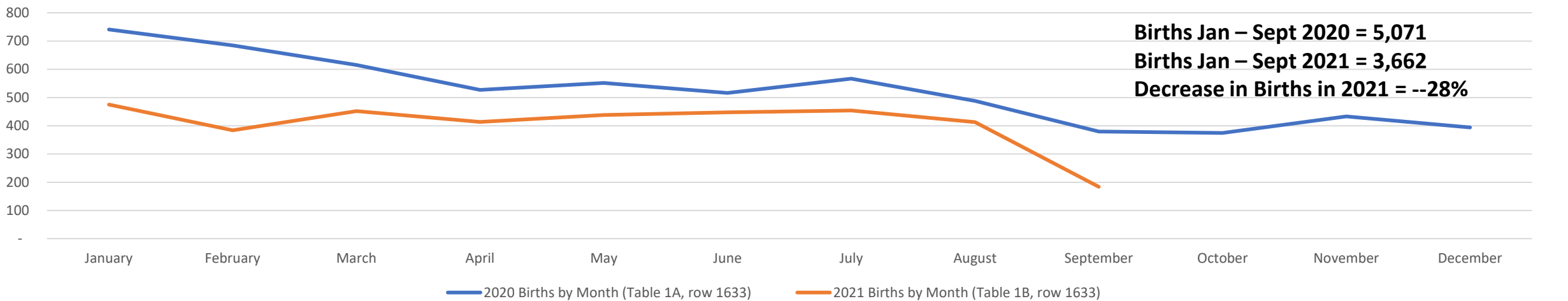
[Translation: It's embarrassing but many of our residents still believe in fake news. We don't know how to convince them. Our preachers, they include in their sermons every Friday in mosques that vaccines are not bad for our health.]

SMDC BUY A READY FOR OCCUPANCY UNIT & WIN A PRIZE! PROMO RUNS FROM DECEMBER 03, 2021 TO JANUARY 31, 2022 (EVERY FRIDAY, SATURDAY, SUNDAY)

Lanao Del Sur 2020 and 2021 Registered Deaths, by Month (Jan to Sept)



Lanao Del Sur 2020 and 2021 Registered Births, by Month



Summary of Findings

1. Sudden increases in mortality in all regions reviewed. Far above historical maximum year-on-year changes of 5%. Registered birth decreases also far above historical maximum year-on-year changes of 2.5%.
2. Start of excess deaths and drop in births varies by city / region.
3. Are the big drops in birth registrations seen in September a result of delayed birth registration or from vaccination of 3rd trimester pregnant women? Next data drop should be revealing.
4. There appears to be no natural explanation for these patterns. Thus, this has to be due at least in part to the intervention.

Could the intervention be implicated in excess deaths?

- Evaluate excess 2021 deaths against 2019 deaths (last year of 'normal' deaths) by month and the total number of monthly vaccines dosed.
- Evaluate cumulative excess deaths in 2021 deaths vs typical registered deaths in 2019, against the cumulative number of monthly vaccines dosed (all brands).
- Initial vaccine availability in March 2021 was Sinovax (2 million doses) soon followed by Astrazeneca (525,600 doses).
- Most of the internationally available EUA Vaccines became available within the year.

Prediction on Registered Deaths

1. Excess registered deaths in 2021 could be well excess of 400,000 for 2021 when final data is available if current patterns continue (Dose 1 & 2 only)!.
2. Deaths may escalate further with addition of booster doses.
3. Deaths may escalate over time with continued vaccination and as long-term consequences accrue in 2022.

2021 Monthly Excess Deaths Vs. Monthly Vaccine Doses Given

Description	January	February	March	April	May	June	July	August	September	October	November	December
2021 Excess Deaths cf. 2019 (by Month)	5,756	1,330	9,783	16,026	19,442	14,910	22,784	42,104	51,621	Not yet available		
Total New Vaccine Doses (by Month)	-	-	777,908	1,152,105	3,319,866	5,327,314	9,902,857	13,236,245	11,884,801	13,344,927	26,968,303	22,796,943
Excess Deaths as % of Doses			1.26%	1.39%	0.59%	0.28%	0.23%	0.32%	0.43%	Not yet available		

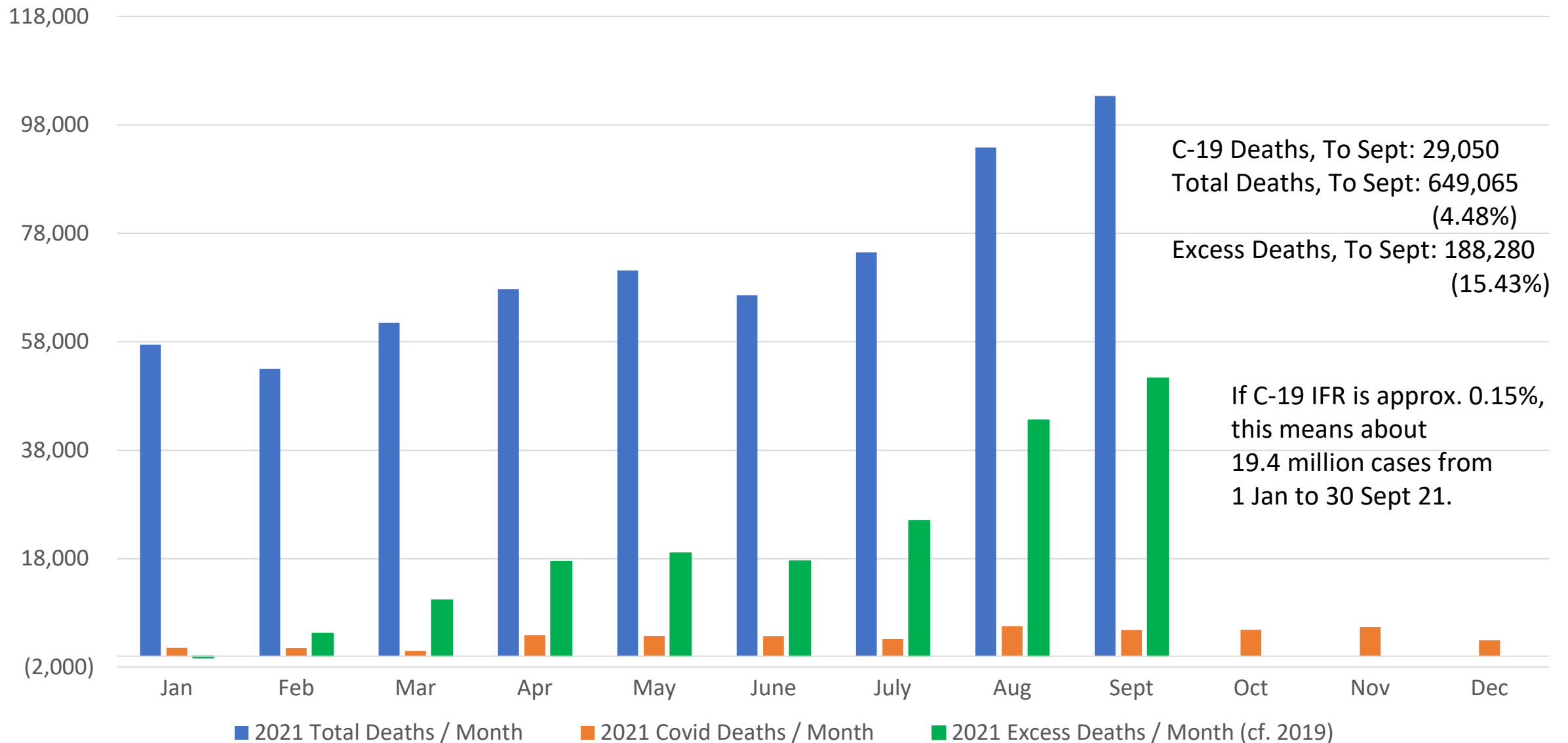
T2021 Cumulative Excess Deaths Vs. Cumulative Vaccine Doses Given

Description	January	February	March	April	May	June	July	August	September	October	November	December
2021 Excess Deaths vs. 2019	5,756	1,330	9,783	16,026	19,442	14,910	22,784	42,104	51,621	58,801	110,972	93,807
Cumulative Excess Deaths in 2021 vs. 2019	5,756	7,086	16,869	32,895	52,337	67,247	90,031	132,135	183,756	242,556.97	353,528.83	447,335.97
2021 Cumulative Total Vaccine Doses	-	-	777,908	1,930,013	5,249,879	10,577,193	20,480,050	33,716,295	45,601,096	58,946,023	85,914,326	108,711,269
2021 Excess Deaths as % of First Dose			2.18%	2.00%	1.31%	0.85%	0.77%	0.67%	0.76%	Not yet available 0.41% increase in excess deaths/ dose		
2021 Excess Deaths as % of Second Dose				11.69%	4.21%	2.54%	1.03%	0.95%	0.86%			
2021 Excess Deaths as % of Total Doses			2.17%	1.70%	1.00%	0.64%	0.44%	0.39%	0.40%			

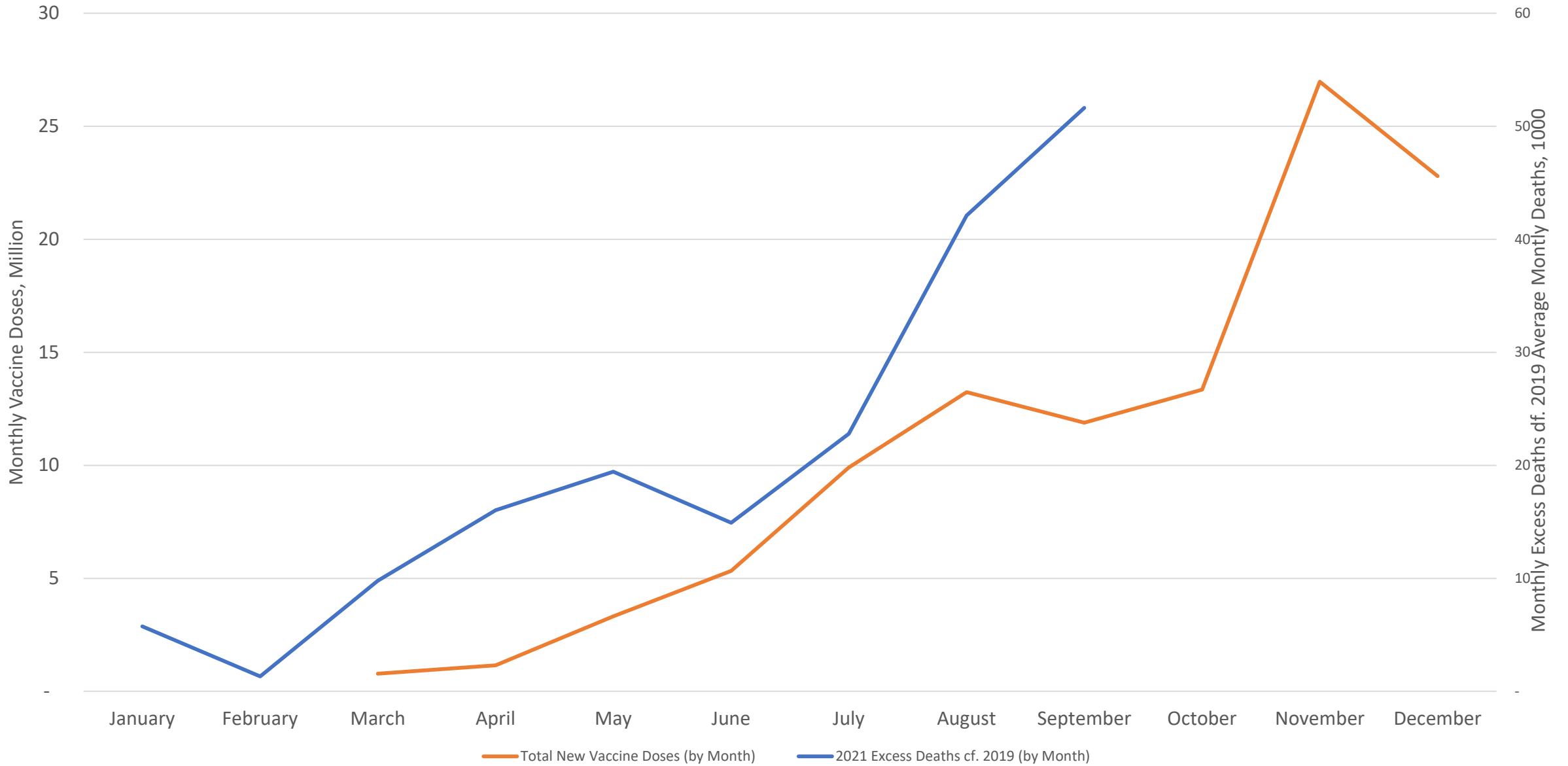
Death Data for October to December is not available. In red is predicted value as 0.41% of vaccine doses delivered.

2021 Philippines

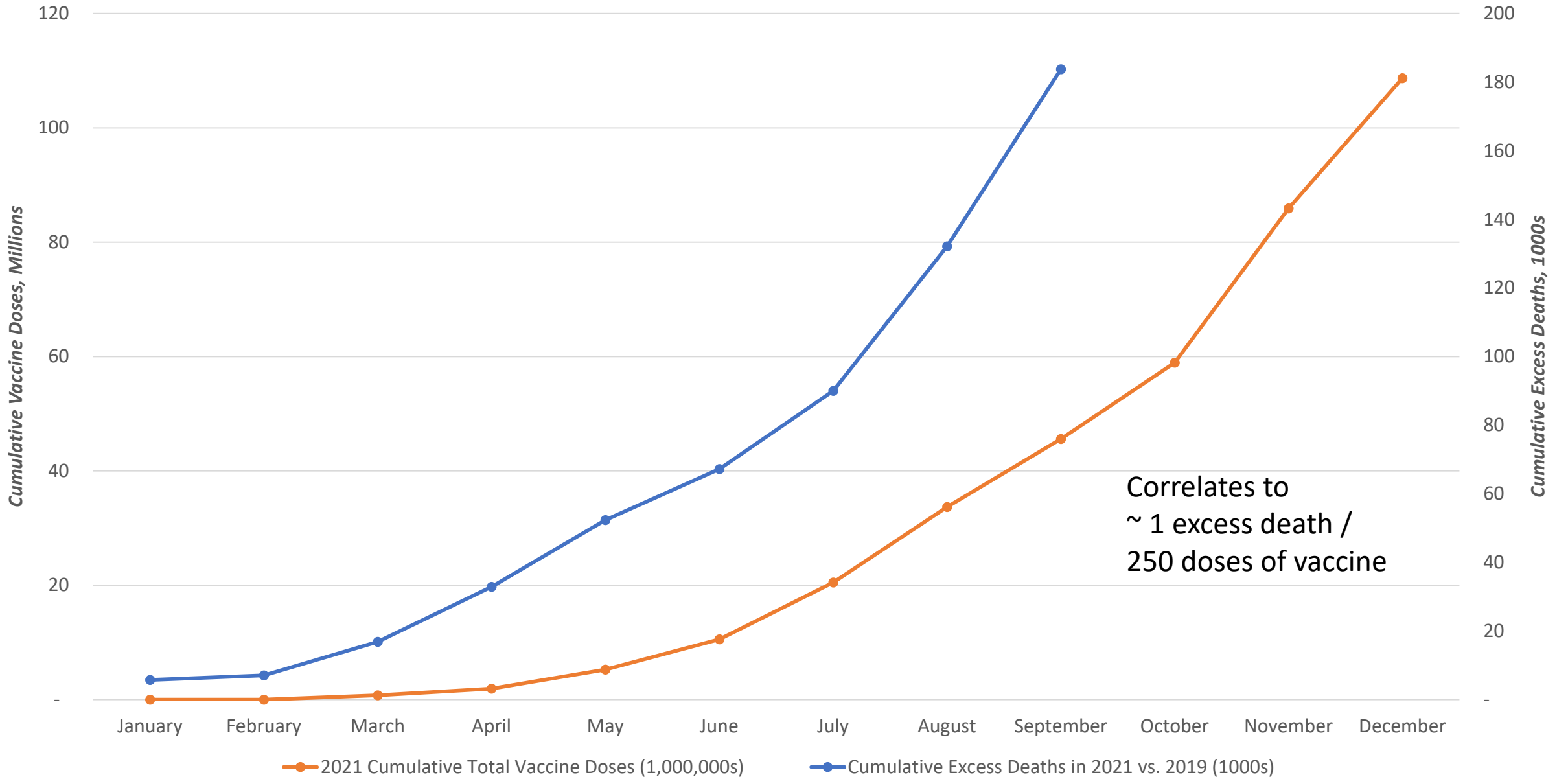
Total Monthly Deaths, Excess Deaths, Covid Deaths



Philippines 2021 Excess Deaths Vs. Monthly Vaccine Doses Given



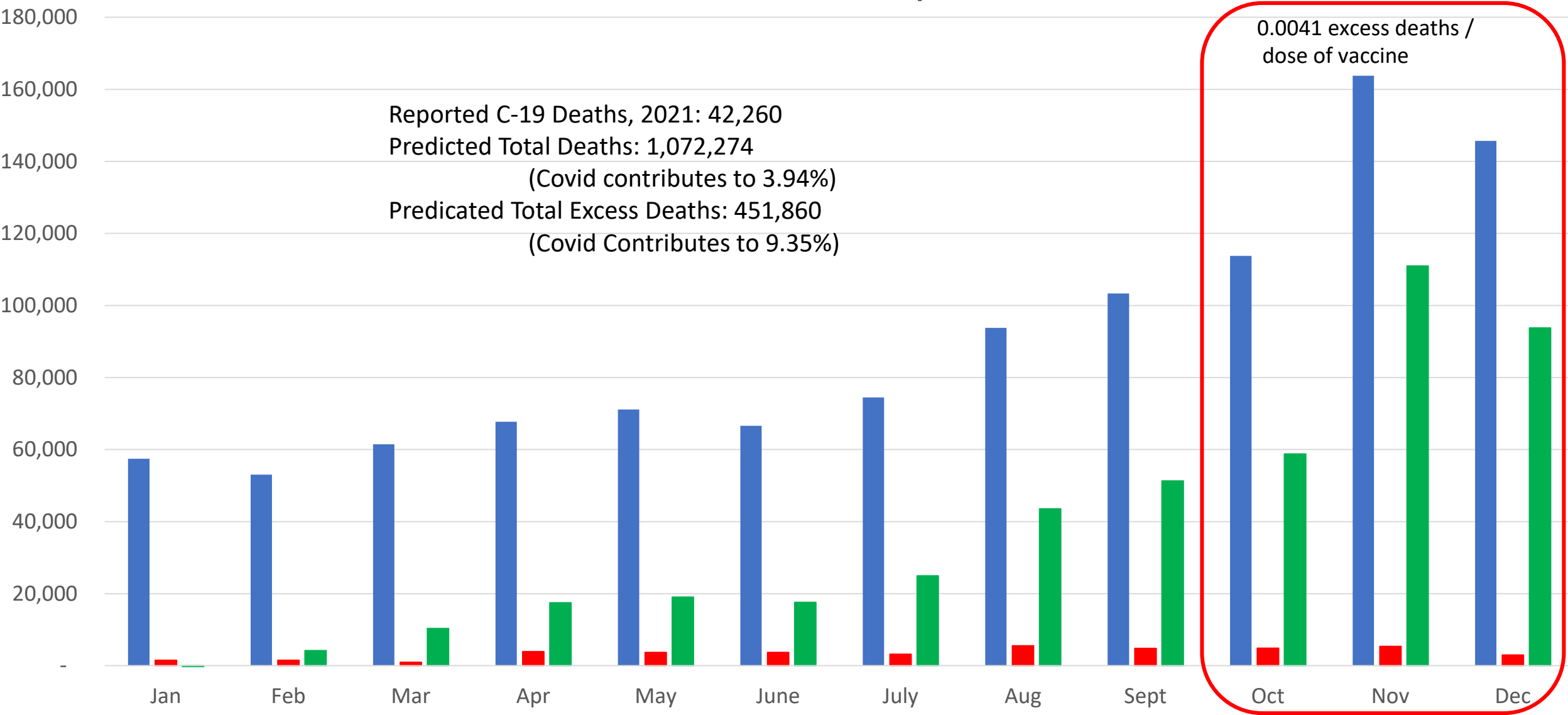
Philippines 2021 Excess Deaths (cf. 2019) vs. Total Vaccine Doses Given



2021 Predicted Total & Excess Deaths Based on Reported Vaccine Doses Delivered

Reported C-19 Deaths, 2021: 42,260
 Predicted Total Deaths: 1,072,274
 (Covid contributes to 3.94%)
 Predicated Total Excess Deaths: 451,860
 (Covid Contributes to 9.35%)

0.0041 excess deaths /
 dose of vaccine



(20,000)

■ 2021 Total Deaths / Month ■ 2021 Covid Deaths / Month ■ 2021 Excess Deaths / Month (cf. 2019)

Age	CDC IFR	CDC Survival Rate	IOANNIDIS IFR	IOANNIDIS Survival Rate
0-19	0.003%	99.997%	0.0013%	99.987%
20-49	0.02%	99.98%		
20-29			0.0088%	99.9912%
30-39			0.021%	99.979%
40-49			0.042%	99.958%
50-69	0.5%	99.5%		
50-59			0.14%	99.86%
60-69			0.65%	99.35%
70+	5.4%	94.6%	4.9%	95.1%

Public Health Principal

The outcome from any intervention must not be worse than doing nothing at all!

If “IFR” from the intervention is 0.41%, only persons for whom the outcome of infection is worse than 0.41%, should consider the intervention.

IE. NO HEALTHY PERSON UNDER 60!

THE DATA SPEAKS FOR ITSELF!

From the available data the current crisis is rapidly escalating, and it will get far worse, even if the cause of this crisis can be immediately stopped, before it could start to get better.

This current crisis only reflects the short-term consequences of the lockdowns / intervention.

If the Philippines has entered a depopulation phase last Sept 2021, and this is still worsening, this is the worst crises ever in Philippine's history. Depopulation event is in full swing.

Any Senator, Councilor, Mayor, Barangay Captain, Church and Community Leader who sees this data is pleaded with to act now, to err on the side of caution and immediately halt the rollout and to begin addressing these sequela. For the sake of our country, our future, our children.



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EDITORS' PICKS OPINION

Philippines' monthly birth and death data show that indefinite lockdown and mass vaccination are wrong

January 10, 2022 | 9:49 pm

SPOTLIGHT

My Cup Of Liberty

By Bienvenido S. Oplas, Jr.

The Philippine Statistics Authority (PSA) released the updated monthly vital statistics last week, on Jan. 6, and many numbers are interesting or shocking.

One, births are declining and this decline is accelerating. From an average of 139,500 births a month in 2019, it went down to 127,400/month in 2020 and 101,400/month in January-September 2021. So, there were nearly 150,000 fewer births in 2020 compared with 2019, and there will be around 300,000 fewer births in 2021 than 2020.

Two, there were fewer marriages in 2020 due to the strict lockdown. On average there were 40 000 marriages/month in 2019 then there was a drastic decline to only

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