

MOANA CONNECT

Access and Data-sharing with the Ministry of Health: Pacific vaccination rates in Aotearoa New Zealand

Dr. Samuela Ofanoa, Dr. Seini Taufa, Dudley Gentles, & Nicholas Ifopo-Pulefolau.



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MEET OUR QUANT TEAM



Dr. Seini Taufua
Research Vaka
General Manager



Dudley Gentles
Senior
Biostatistician/Researcher



Samuela 'Ofanoa
Senior Researcher



Nicholas Ifopo-
Pulefolau
Learning and
Development Team



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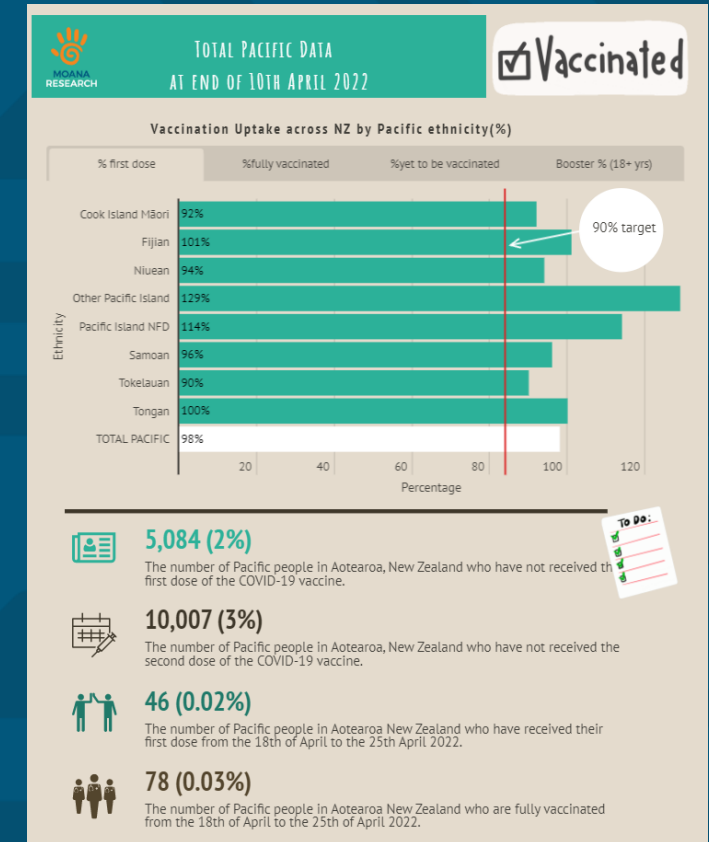
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Ministry of Health Data Sharing

- Pre-established relationship with MOH with the COVID-19 vaccination data.
- 12th May 2022: The Ministry of Health (MOH) & Moana Connect signed an Memorandum of Understanding (MOU) for supply of information regarding other vaccination data:
 - Pacific COVID-19 vaccinations & cases
 - Influenza Vaccination for Pacific peoples age 55+ years
 - MMR vaccinations for Pacific children aged ≤ 14 years



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Types of Data

- Weekly updated datasets
- COVID-19 vaccination raw data
 - First, second, eligible for booster and booster shots
 - Age, ethnicity level 2
 - Locality - Mesh block data - SA2
 - Total counts (first 2020 HSU then transitioned to 2021 HSU population data)
- COVID-cases data - weekly and monthly
 - By ethnicity (level 2)
 - Locality SA2 area
 - Due to confidentiality some data was compressed (total variables)



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Influenza and MMR Data

- Received remainder datasets (confidentiality)
- Ethnicity level 2
- Age – 50+ years for influenza and 0-14 years for MMR vaccinations
- Location –SA2 areas



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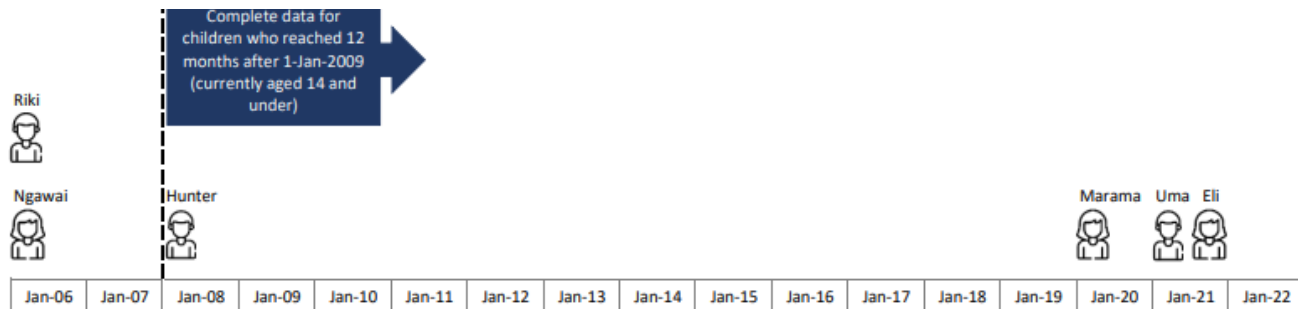


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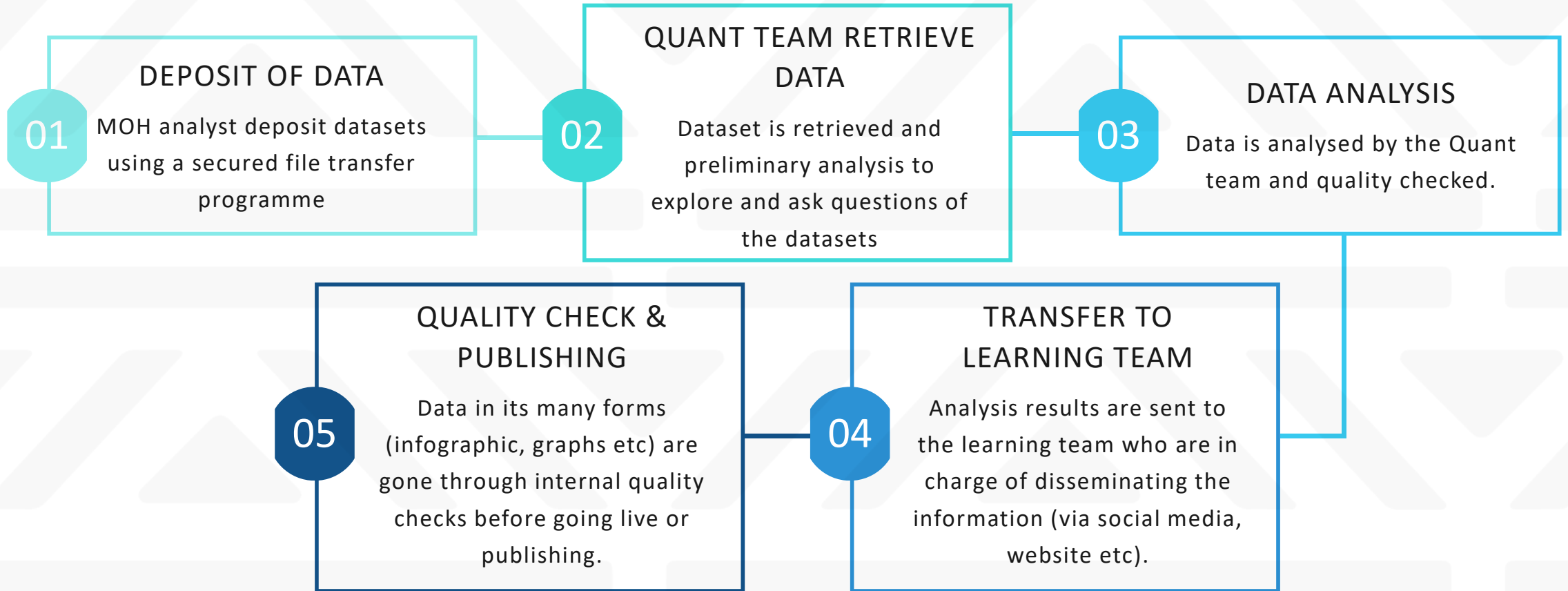
Types of Data: Pacific children unvaccinated for MMR (<14 years)

	Date of Birth	Reached 12 months on	Could an MMR immunisation record exist?	MMR immunisation date	Current age	
Riki	1-Jan-06	1-Jan-07	?		16	Because Riki and Ngawai reached 12 months (and became eligible for their first MMR immunisation) before 1-Jan-2009, we don't know if they were immunised or not. They could have been, and we might see that, in the case of Ngawai, but we can't say with certainty if Riki was or was not immunised.
Ngawai	1-Jan-06	1-Jan-07	? - yes it does	2-Jan-07	16	

Hunter	2-Jan-08	2-Jan-09	Yes	3-Jan-09	14	Because all these children reached 12 months (and became eligible for their first MMR immunisation) after 1-Jan-2009, we do know if they were immunised or not.
Marama	2-Jan-20	2-Jan-21	Yes	2-Jan-21	2	
Uma	2-Jan-21	2-Jan-22	Yes	2-Jan-22	1	
Eli	20-Dec-21	20-Dec-22	No - not yet 12 months		0	



The Stages of Data Sharing & Dissemination



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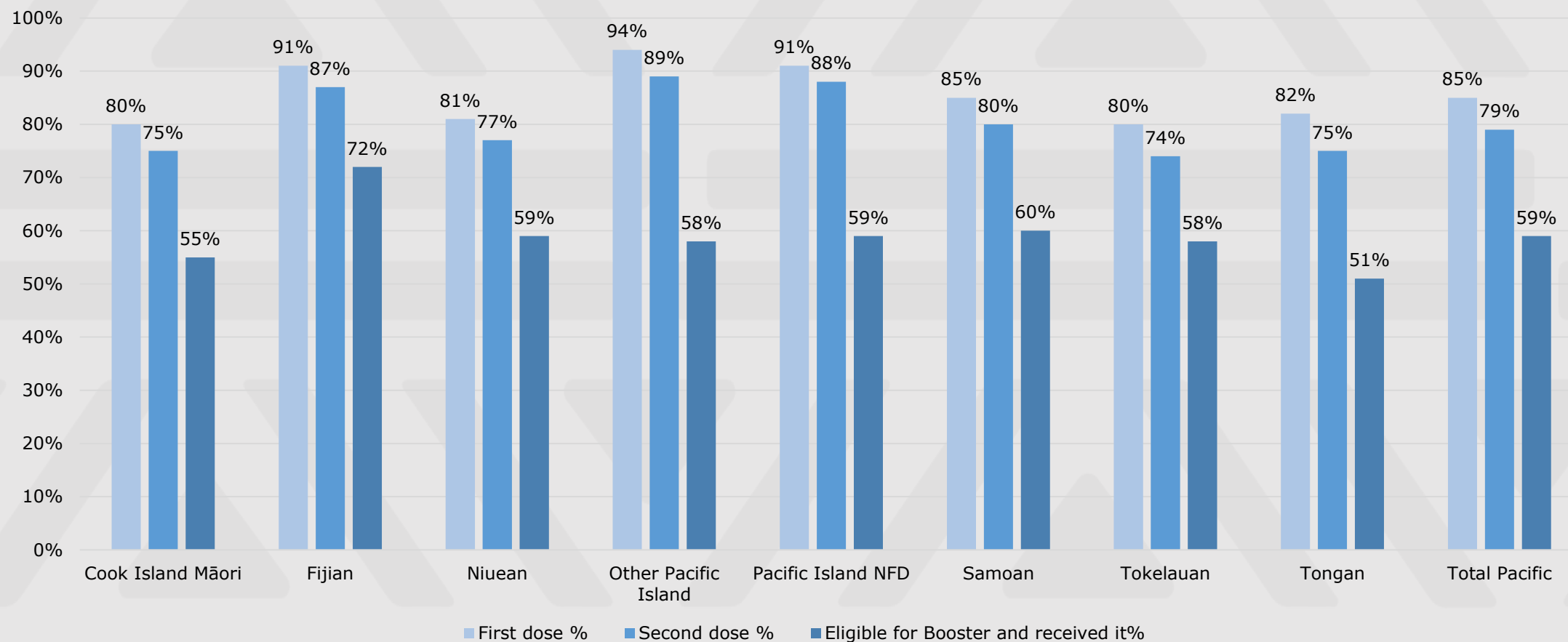


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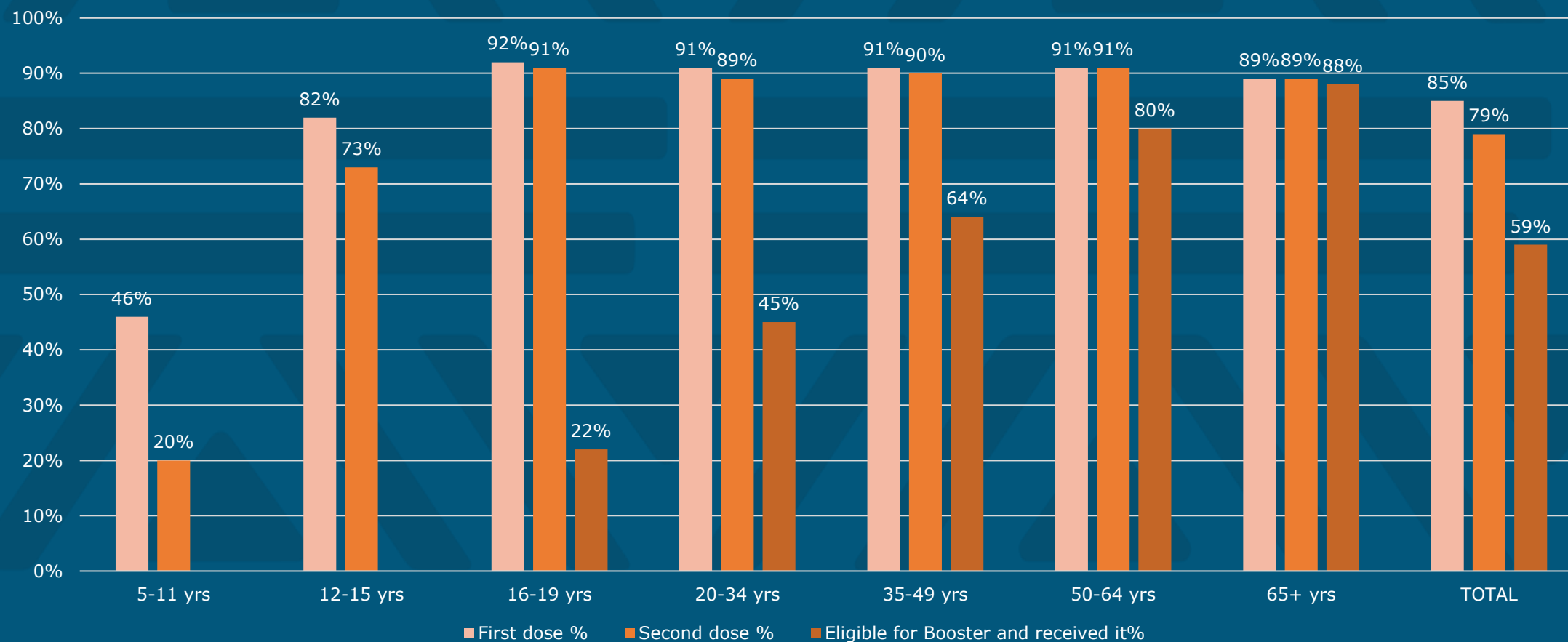


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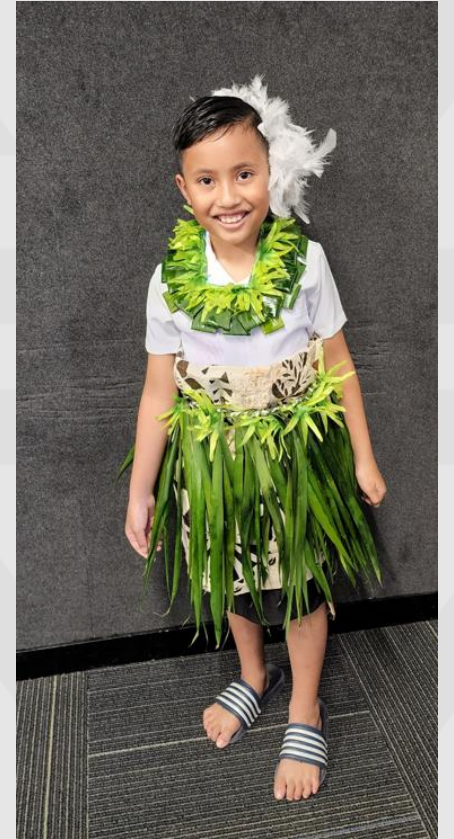
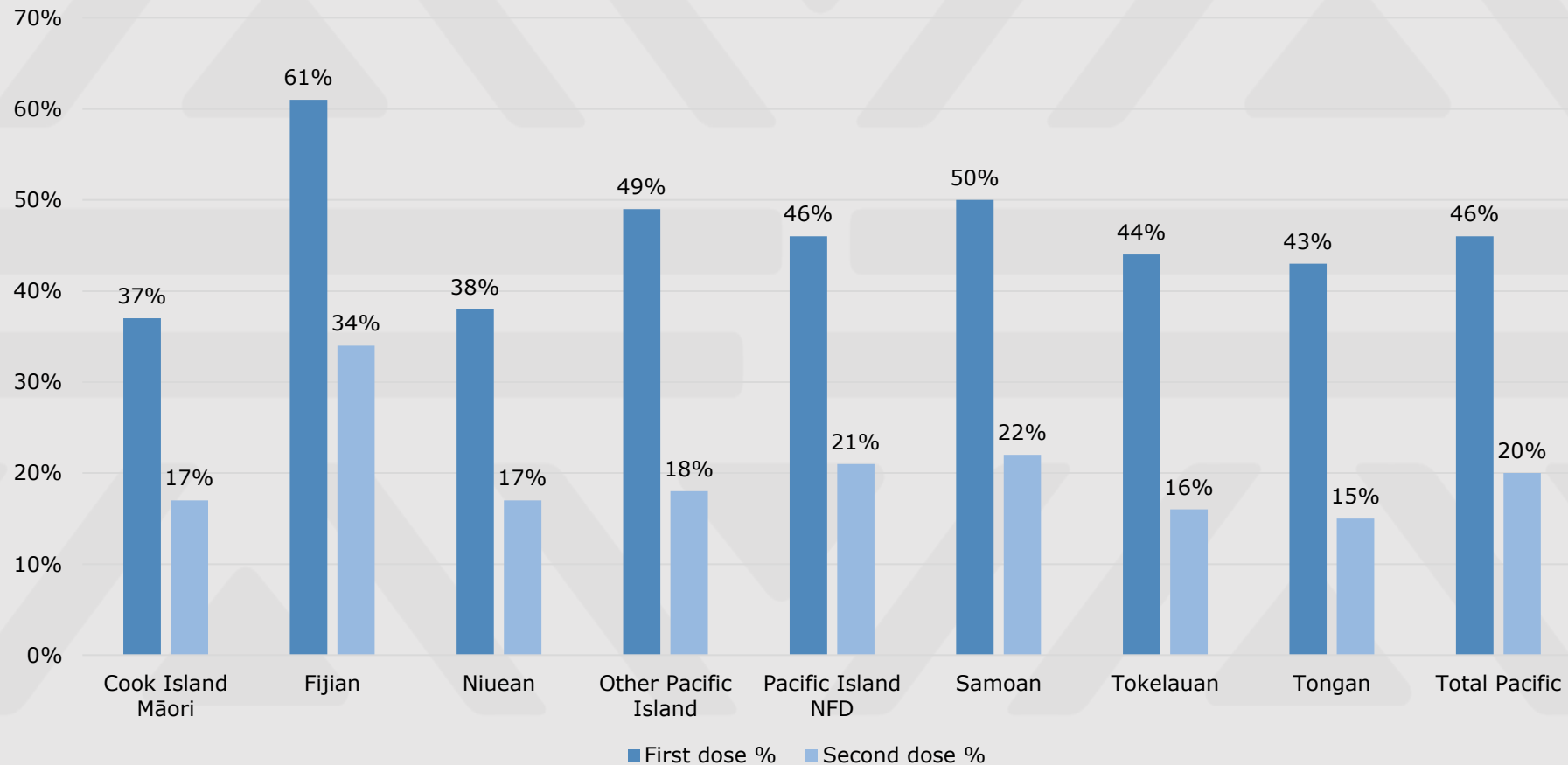
Pacific COVID-19 Vaccination Data by Ethnicity (10th Oct)



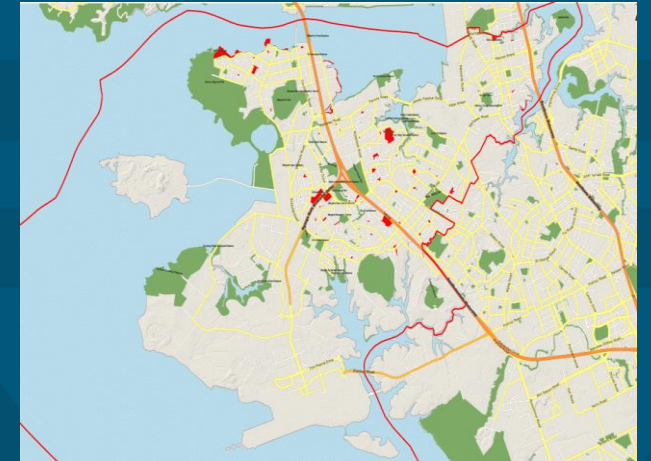
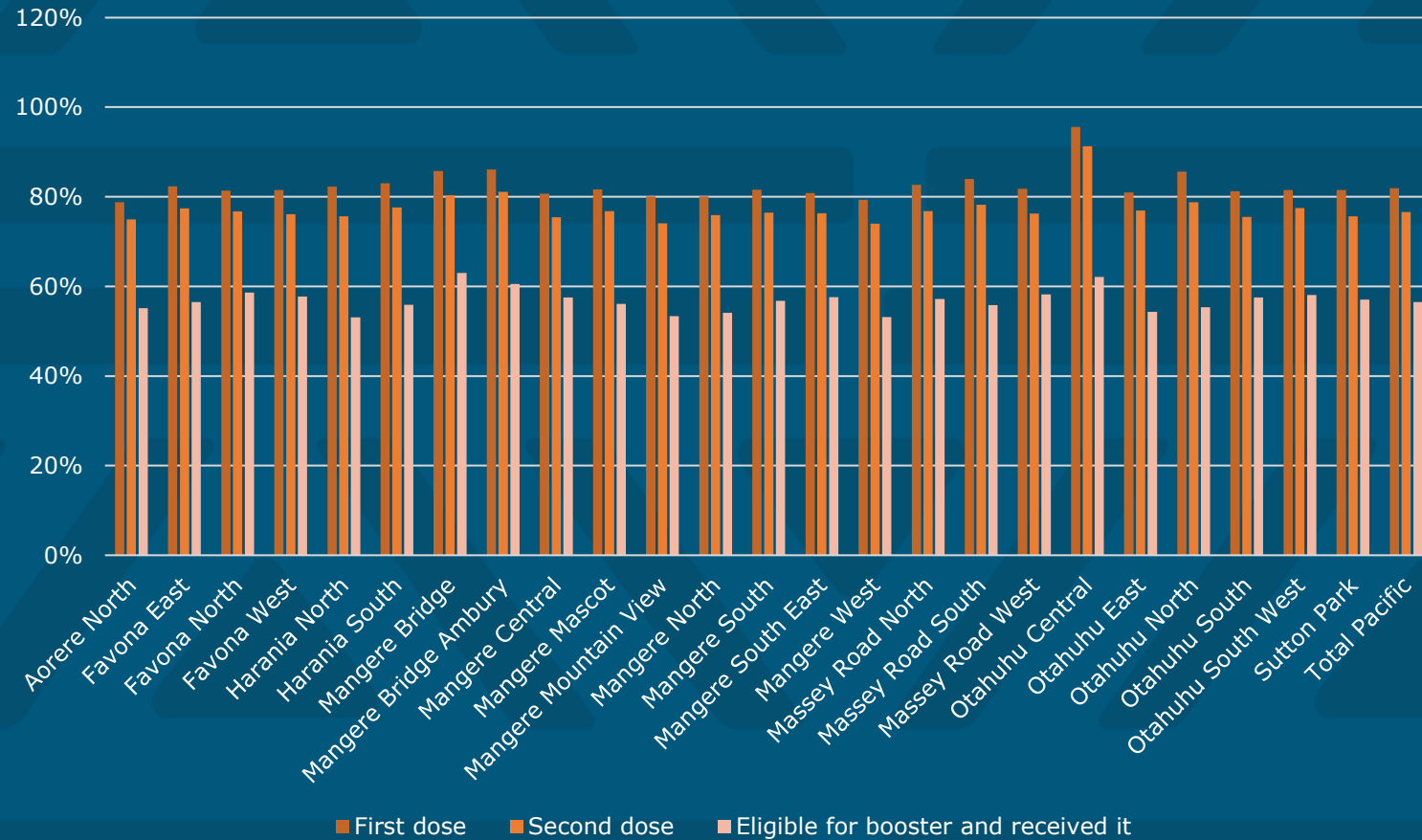
Percent of Pacific COVID-19 vaccination by age (10th Oct)



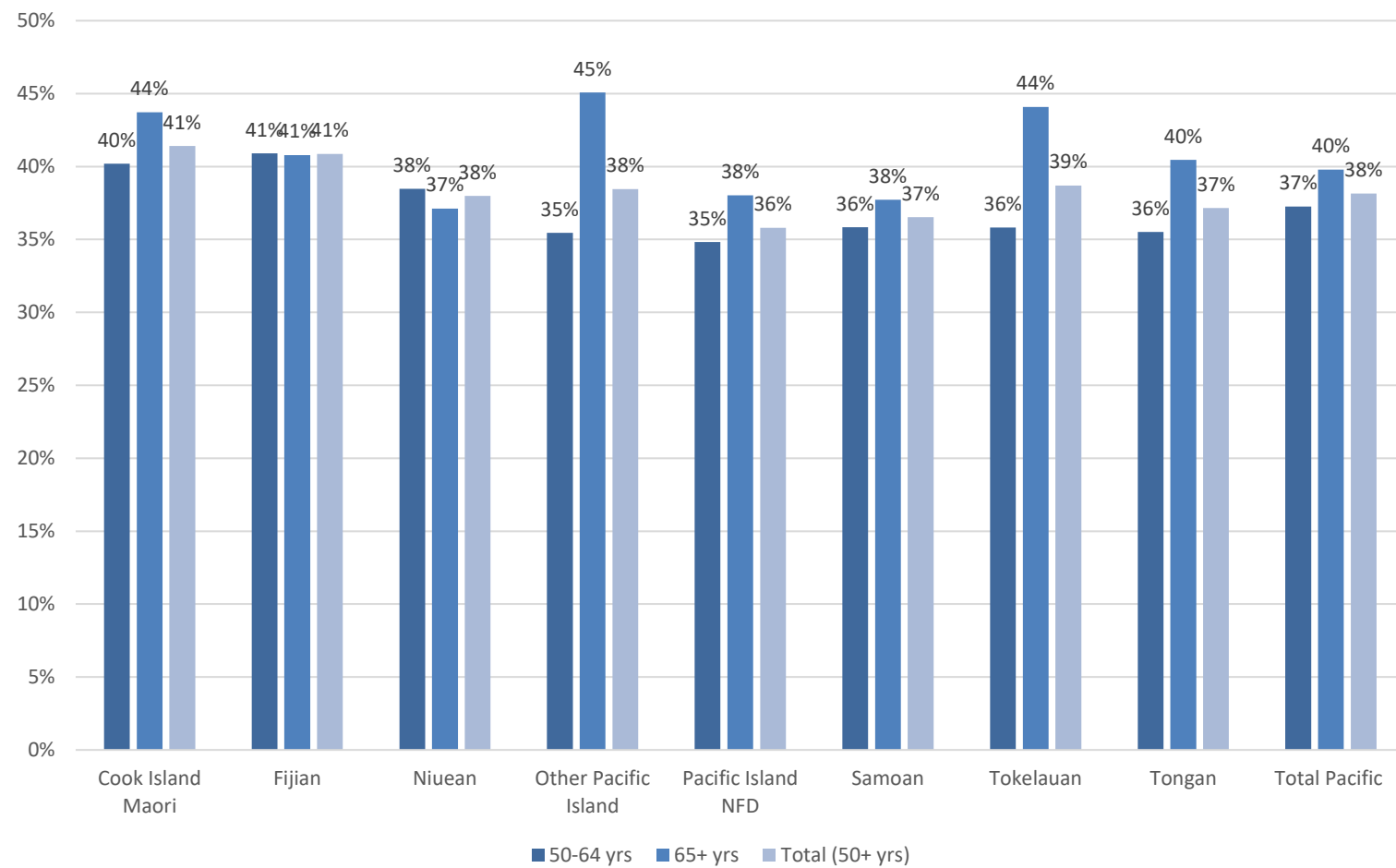
Percent of Pacific Paediatric Vaccinations by ethnicity (10th Oct)



COVID-19 vaccination rate (5+ years) by local board: Māngere-Ōtāhuhu (10th Oct)



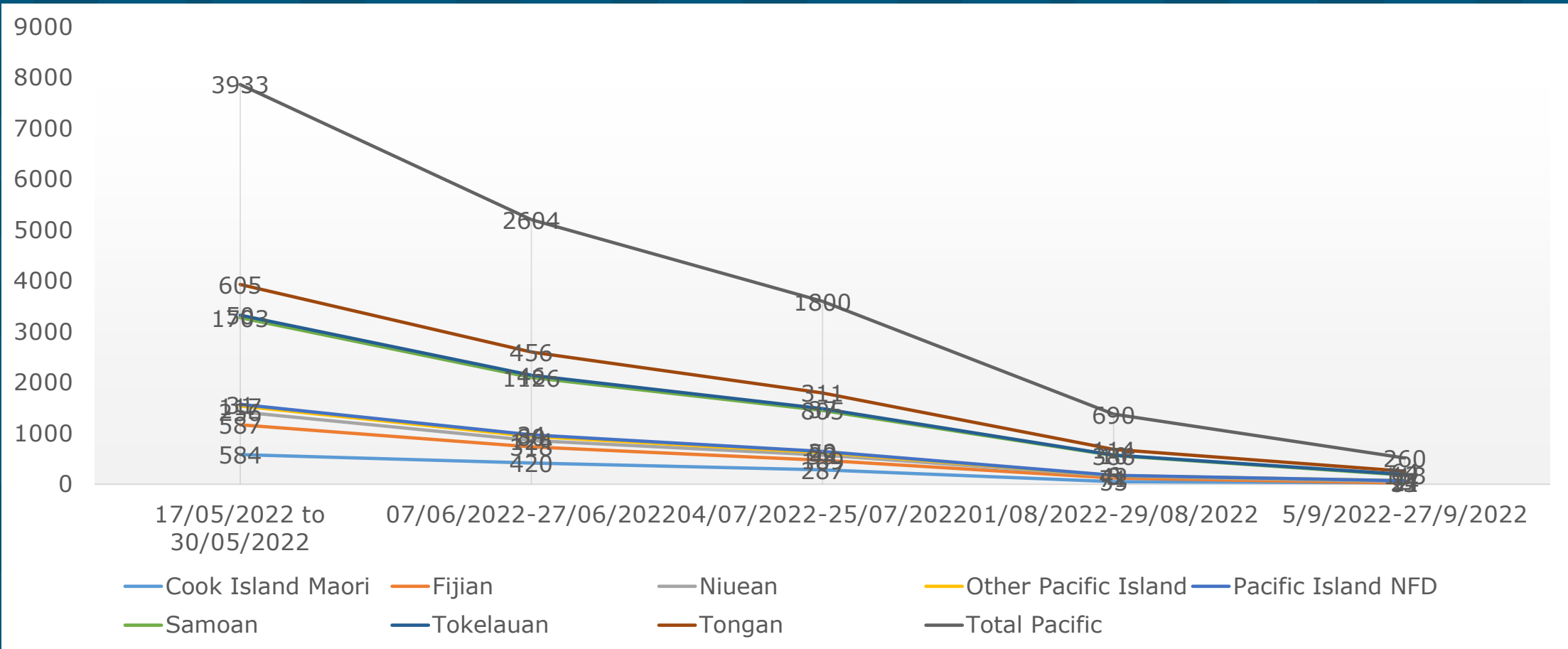
Percentage of Pacific adults (50+ years) who are unvaccinated for flu vaccinations @27th September 2022



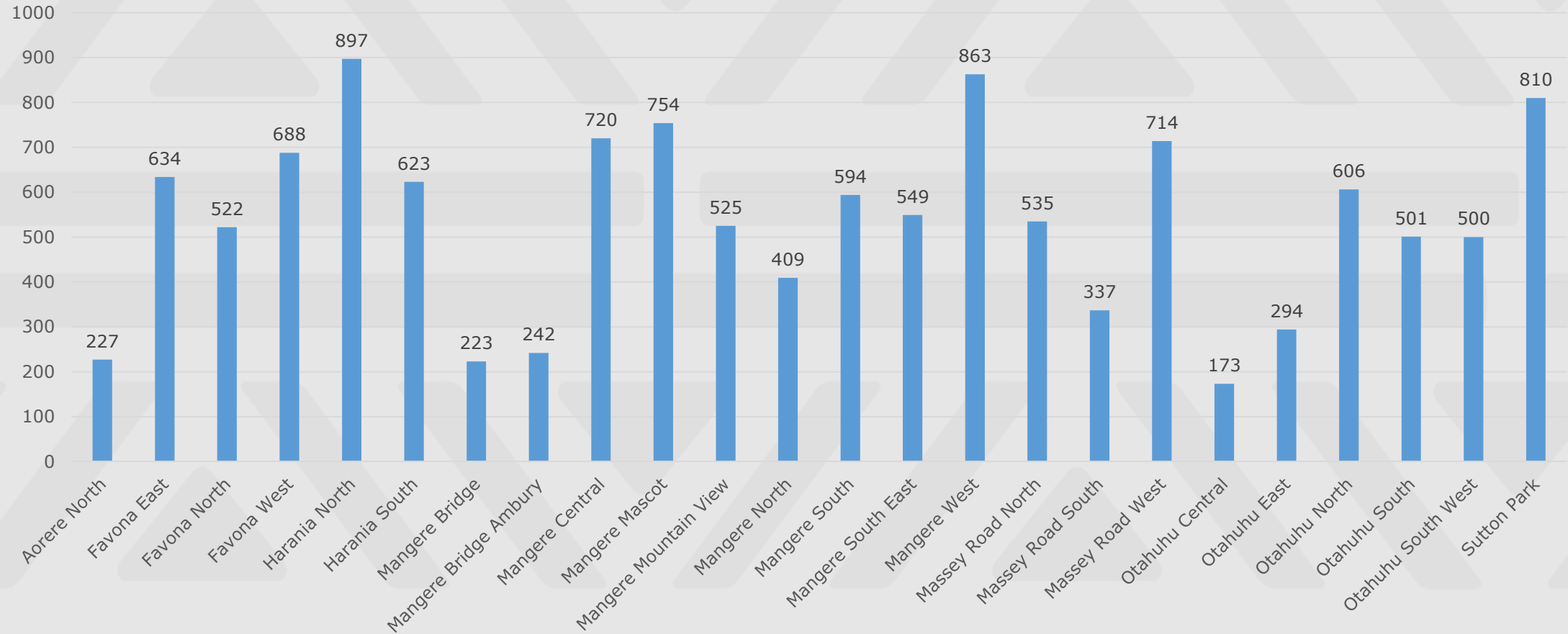
38% of Pacific people in New Zealand have not received their flu vaccination.

A slightly higher proportion of those aged 65+ years vs 50-64 years (40% vs 37% respectively).

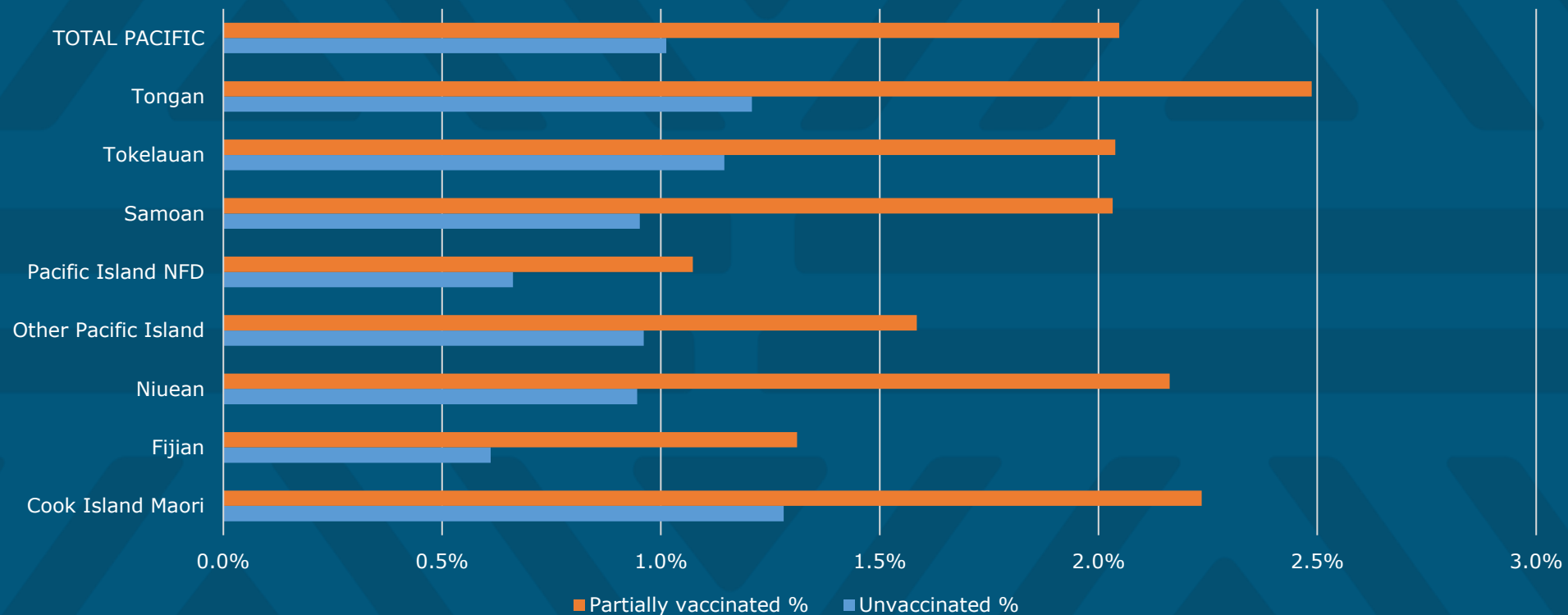
Number of Pacific Influenza Vaccinations (50+ years) in the past five months



Number of Pacific Flu No Vaccinations (65+ years): Mangere-Otahuhu Local Board

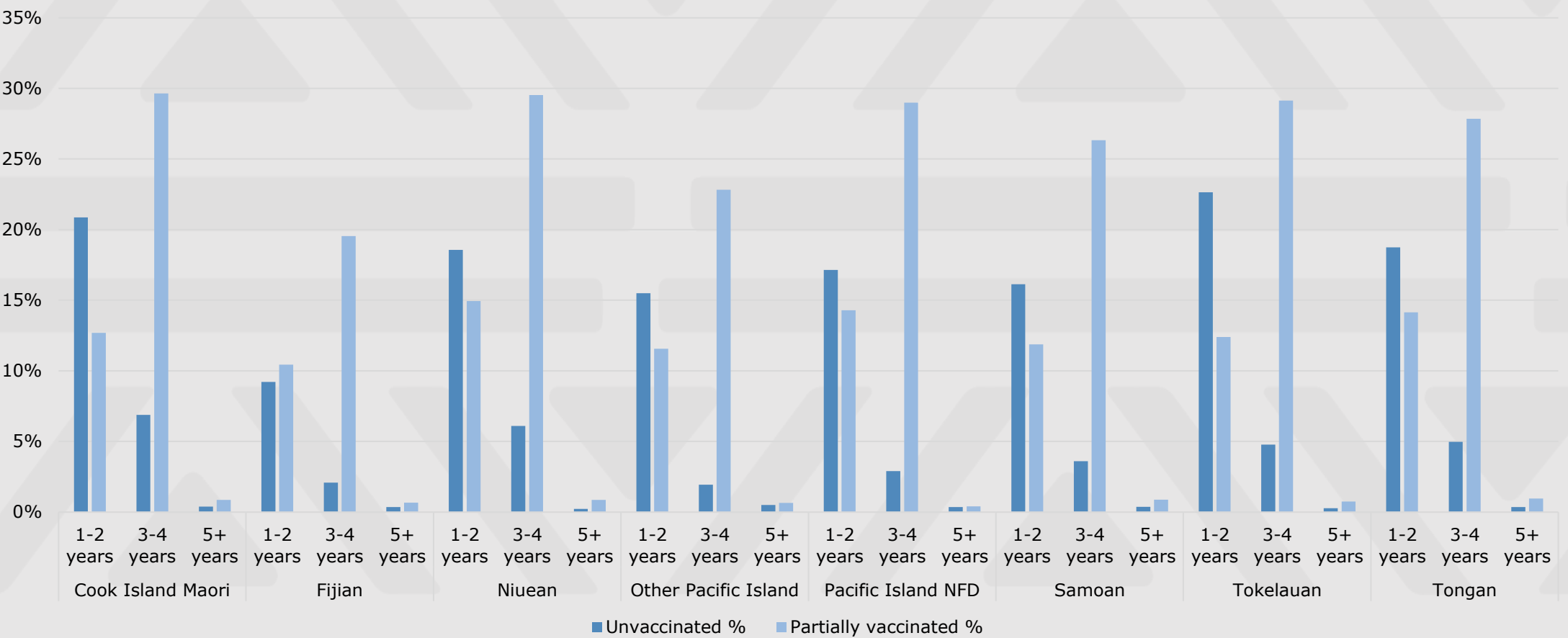


Percentage of Pacific children (14 years or less) who are unvaccinated or partially vaccinated for MMR @ 10th Oct 2022



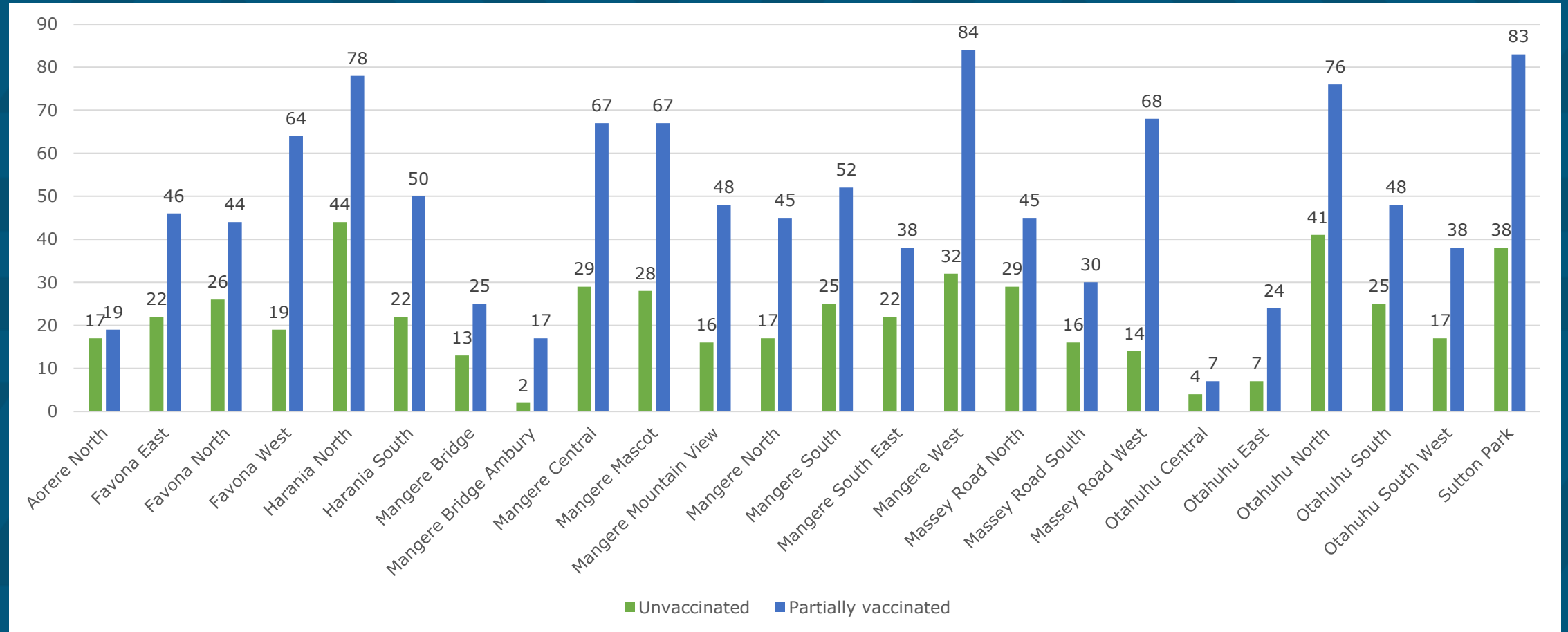
Note, MMR; Mumps, Measles & Rubella; Unvaccinated: not received dose 1 & 2 but are eligible and not received dose 1 but not eligible to receive dose 2; Partially vaccinated: received dose 1 & eligible but not received dose 2

Percentage of Pacific children who are unvaccinated or partially vaccinated for MMR by age and ethnicity



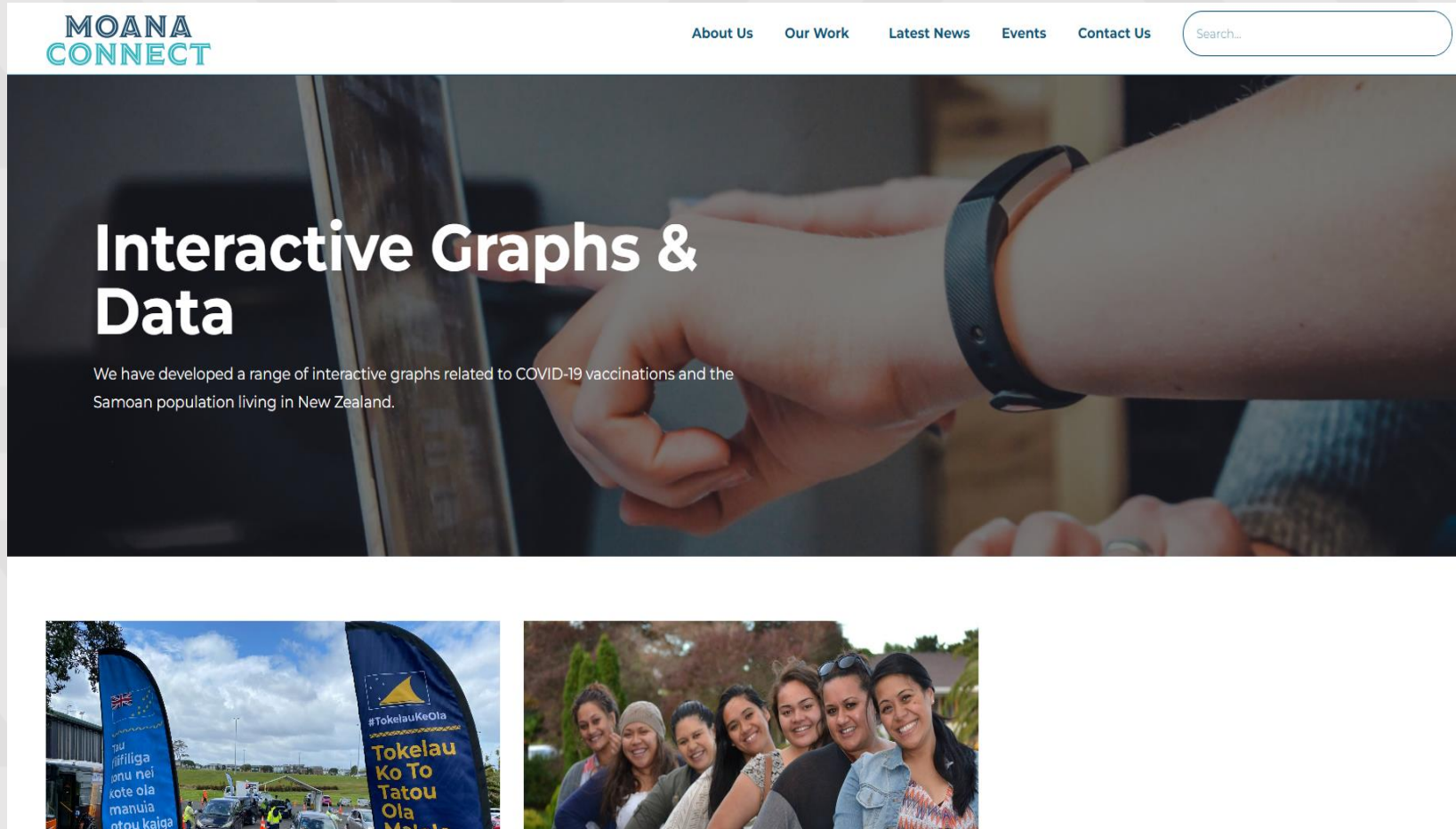
Note, MMR; Mumps, Measles & Rubella; Unvaccinated: not received dose 1 & 2 but are eligible and not received dose 1 but not eligible to receive dose 2; Partially vaccinated: received dose 1 & eligible but not received dose 2

Number of Pacific children (14 years or less) who are unvaccinated or partially vaccinated for MMR: Mangere Otahuhu Local Board.



Note, MMR; Mumps, Measles & Rubella; Unvaccinated: not received dose 1 & 2 but are eligible and not received dose 1 but not eligible to receive dose 2; Partially vaccinated: received dose 1 & eligible but not received dose 2

Moana Connect [Website](#)



Where to from here

- Data-sharing and improving access to information is still a work in progress
- We are exploring other methods, analysis, and avenues of exploring and disseminating data
- We examining further questions on what we want from the data
- There is a need to talanoa and include community on types of information they need us to explore
- Moana connect website:

Fa'afetai lava
Mālō 'aupito
Meitaki ma'ata
Fakaaue lahi

Acknowledgments

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Nicholas Ifopo-Pulefolau
Pacific Community