

Monash Immunisation

VAX REACH PILOT

Presented by Karen Bellamy

SPONSORSHIP

- Presenter sponsorship Pfizer Australia



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BACKGROUND

THE IMPACT OF INFLUENZA

- Worldwide there are an estimated 250 000 – 500 000 deaths annually influenza ^{1, 4}
- In Australia influenza causes 3500 deaths, 18 000 hospitalisation & 300 000 GP visits annually ²
- Populations with risk factors for complications, death and hospitalisation ^{2, 3}
 - Pregnant women
 - Young children and babies less than 2 years of age
 - Adults 65 years of age and older
 - People with chronic medical conditions i.e. asthma, chronic respiratory disease, cardiac disease, neurological disease, kidney disease, liver disorders, impaired immune system such as HIV, asplenia or cancer, haematology conditions
 - Indigenous populations
- In addition, 1.5 million work days are lost annually in Australia ^{2, 5}

1. <http://www.who.int/mediacentre/factsheets/2003/fs211/en/>
2. <http://www.isg.org.au/index.php/about-influenza/impact-of-influenza/>
3. https://www.cdc.gov/flu/about/disease/high_risk.htm
4. http://www.ncirs.edu.au/assets/provider_resources/fact-sheets/influenza-fact-sheet.pdf
5. <http://www.isg.org.au/index.php/clinical-information/influenza-fast-facts>



INTRODUCTION

INCREASING INFLUENZA VACCINATIONS TO AT RISK AND MARGINALISED POPULATIONS

- Monash Health provides healthcare to one quarter of Melbourne's population. across the entire life-span from newborns and children, to adults, the elderly, their families and carers ¹
- Monash Health received pilot funding by South Eastern Primary Health Network
- Primary Health Networks, established by the Department of Health to increase efficiency and effectiveness of medical services, particularly for those at risk of poor health outcomes ²
- Monash Immunisation was tasked to deliver a mobile, nurse led immunisation platform to vulnerable groups
- The non traditional model of care used in this pilot accessed the patients within their own environment – they did not have to access formal medical services. Intentionally tried to access people who would not normally seek medical attention



1 http://www.monashhealth.org/page/Annual_Reports

2 http://www.health.gov.au/internet/main/publishing.nsf/content/primary_health_networks

METHODS

INFORMATION GATHERING

- A focus group was established to characterise the target populations of at risk individuals
- Collaborations and connections were established with identified sites
- 4 main areas of focus:
 - ATSI
 - Elderly
 - Refugee and Non English speaking groups
 - Homeless
- 21 identified sites, with a varied number visits to individual sites over a 4 month period
- A timetable for delivery was established



METHODS

- For staff safety, no parks or on the streets
- Advertising was sent to all the sites – each site was able to customise this to suit their individual needs
- Visits commenced in April though to August, 2017
- Data was collected on recipients at the time of vaccination and from each site after the visit
- All vaccines given were recorded on the Australian Immunisation Register and local government software ImPS



SITES IDENTIFIED

- The identified vulnerable sites within the Monash Health catchment included:
 - Refugee/Asylum Support Centres
 - Aged Care Services
 - Crisis Housing
 - ATSI Support Facilities
 - Women's Refuges
 - Diabetes Clinics
 - Chronic Disease Management Clinics
 - Antenatal Gestational Diabetes (GDM) Clinics
 - Drop-in Centres



ADVERTISING



05/05/17
FREE FLU
VACCINE

Why are we giving out the vaccine?

Monash Immunisation are here to give the community free flu vaccines at no cost! The vaccine is the best protection we have against this winter sickness – which kills 3000 Australians each year, and hospitalises many more.



Get Your Flu
Vaccine Here!

FREE!

Just bring Your
Medicare card!

Specialist
Immunisation
Nurses will be
available

Ask any of the
friendly staff for
more information

SITE NAME
Street Address
City, ST ZIP Code
Telephone
Web Address
Dates and Times

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ADVERTISING

Free Flu Vaccine!

Take this card to remind you that you can get your free flu vaccine here! All you need is your Medicare Card.

**[Time
Date
Location]**

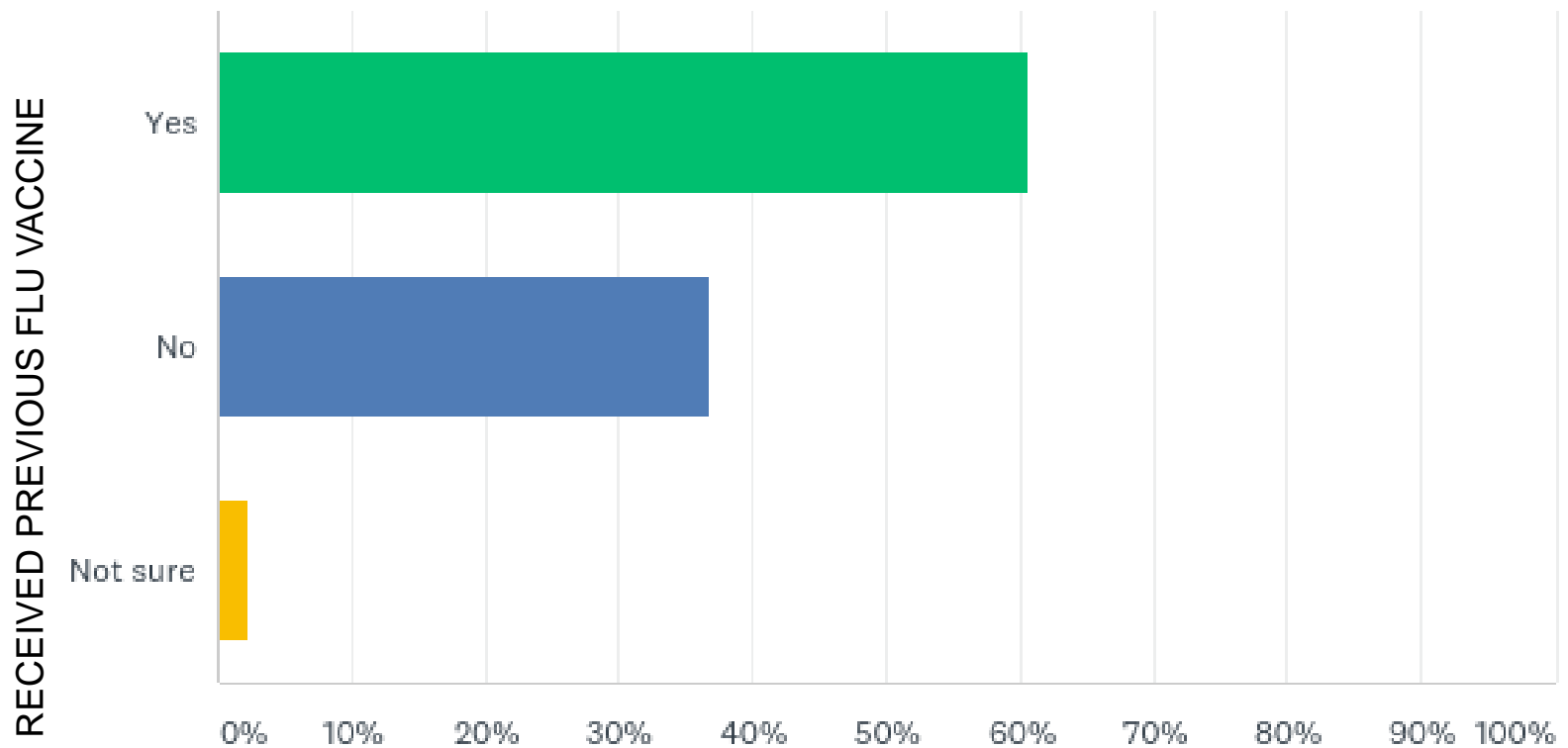
Monash Immunisation are here to give the community free flu vaccines at no cost! The vaccine is the best protection we have against this winter sickness – which kills 3000 Australians each year, and hospitalises many more.



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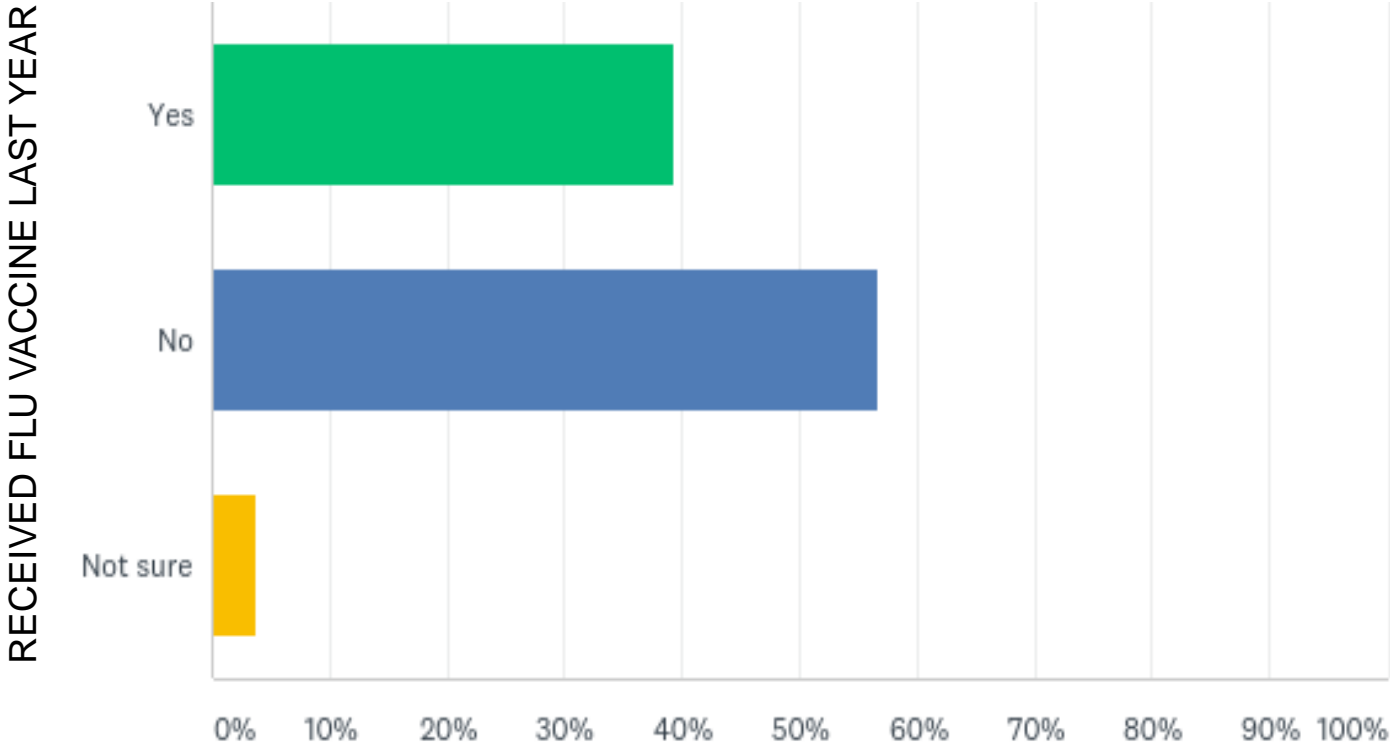
RESULTS

CLIENTS WHO HAVE EVER HAD A FLU VACCINE PREVIOUSLY



RESULTS

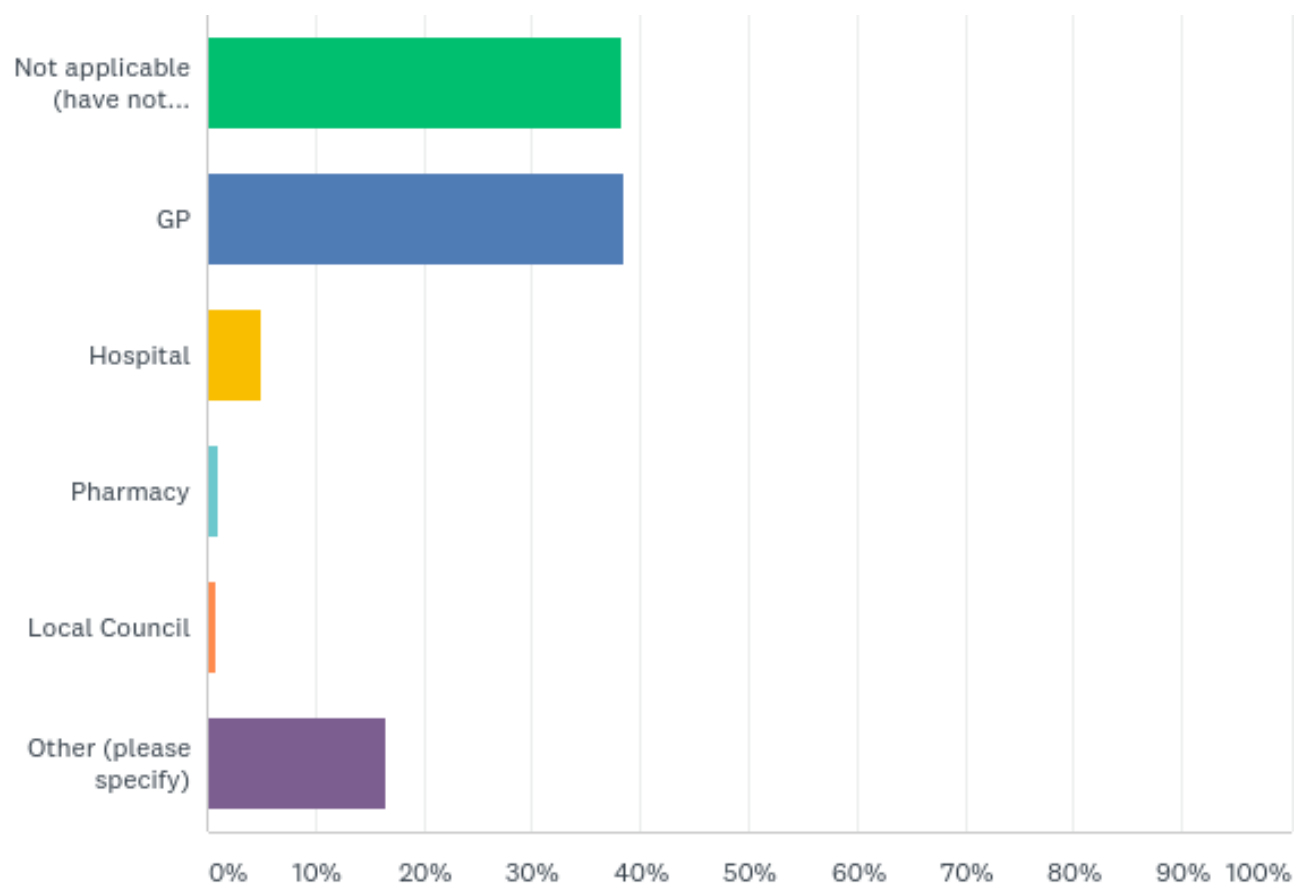
CLIENTS WHO HAD A FLU VACCINE LAST YEAR



RESULTS

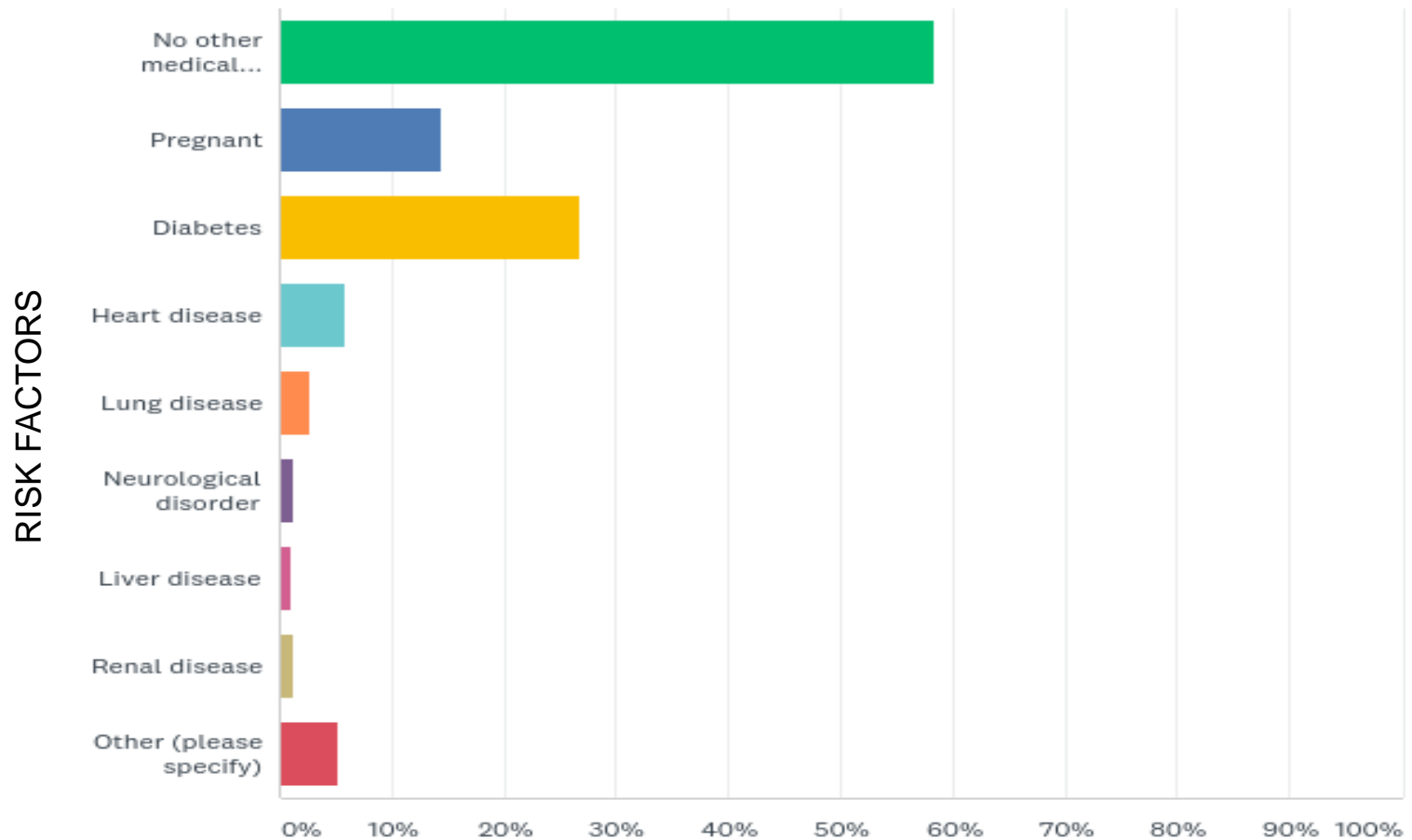
PLACE PREVIOUS FLU VACCINES WERE GIVEN

PLACE PREVIOUS VACCINE GIVEN



RESULTS

VACCINE RECIPIENT RISK FACTORS



RESULTS SUMMARY

OUTCOMES

- 520 vaccinations were delivered
- 37% of the population reached had never had a flu vaccine previously
- 57% hadn't had a flu vaccine the year before
- 58% of the population reached had at least one medical risk factor for severe influenza



SITE EVALUATION DATA

POST-SESSION EVALUATION

SITE: _____ DATE OF SESSION: ____/____/____ SPOKE TO: _____ DATE: ____/____/____

PLEASE RATE ON A SCALE OF 1 TO 5 THE FOLLOWING:

a. *the communication and organization by the team **prior** to the session*

1	2	3	4	5
<i>Extremely Dissatisfied</i>	<i>Dissatisfied</i>	<i>Neutral</i>	<i>Satisfied</i>	<i>Extremely Satisfied</i>

b. *the communication and organization by the team **on the day** of the session*

1	2	3	4	5
<i>Extremely Dissatisfied</i>	<i>Dissatisfied</i>	<i>Neutral</i>	<i>Satisfied</i>	<i>Extremely Satisfied</i>

c. *the level of professionalism, including sensitivity to your client's needs, on the day of the session*

1	2	3	4	5
<i>Extremely Dissatisfied</i>	<i>Dissatisfied</i>	<i>Neutral</i>	<i>Satisfied</i>	<i>Extremely Satisfied</i>

DO YOU BELIEVE THIS INITIATIVE IS OF VALUE TO YOUR CLIENTS?

Yes No Undecided

IN YOUR OPINION, WHAT PROPORTION OF YOUR CLIENTS WOULD NOT HAVE BEEN VACCINATED WITHOUT THIS PROGRAM?

WOULD YOU BE INTERESTED IN HAVING A MOBILE INFLUENZA VACCINE SERVICE COME OUT AGAIN NEXT YEAR?

Yes No Undecided

WOULD YOU LIKE MORE, LESS OR THE SAME NUMBER OF VISITS?

More Less Same

DO YOU HAVE ANY SUGGESTIONS OF WAYS TO IMPROVE THE SERVICE FOR FUTURE YEARS?

o Of the 16 sites visited by Monash Immunisation:

- 15 of the 16 sites would like us to return again next year
- 13 sites felt this initiative was of value to their clients
- 6 sites would like more visits in the future
- 2 sites would prefer less visits
- 8 sites would like to repeat the service without changes
- The sites rated the communication, professionalism and organisation 4.4-4.7 / 5

CONCLUSION

Overall a successful pilot program

Strengths

- Number of vaccinations given
- Increased awareness and education of influenza vaccinations amongst vulnerable groups

Lessons Learnt

- Aged care population
- Capturing ATSI population

New Connections

- Migrant English language schools
- Mobile Washing Van - homeless

Potential Future Opportunities

- Other populations
 - Paediatric Clinics (spina bifida, CF, asthma)
 - Sleep Schools
 - Drug Injecting Population
 - Extend Geographical Area
- Other Vaccinations
 - Boostrix, Hepatitis B



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