



The 19th South Pacific Nurses Forum in Rarotonga Cook Islands: Oct 15th — 19th 2018

THEME: "Transforming Leadership - Nurses as Change Agents for Non Communicable Diseases (NCDs) in the Pacific"

PRESENTERS:

Sr. Afu Tei

Sr. Manafonu Siola'a



SEXUAL AND REPRODUCTIVE HEALTH: TONGA



THEME:

**“PAVING ROBUST SEXUAL AND REPRODUCTIVE
HEALTH SERVICES IN TONGA THROUGH DATA
COLLECTION”**



SRH WORKFORCE



Position	No. of Post / Location				
	Tongatapu	Vavau	Ha'apai	'Eua	Niuas*
Supervising Public Health Sister	1	0	0	0	0
Senior Public Health Sister	4	1	1	1	0
Sister Graduates	1	0	0	0	0
Senior Public Health Nurse	0	3	2	1	0
Senior Mid-wife	2	1	0	1	0
Public Health Nurse	33	5	4	0	0
Total Workforce	41	10	7	3	0
No. of del points	16	5	7	1	2

Note*: Ongo Niua context: The nurses stationed in Niuatoputapu and Niuafu'ou have to be equipped to deliver both Clinical and Reproductive services.



2.1 From Paper to Electronic



1. Current Situation

- SRH STARTED PAPER REPORT 1995
- The practice has since continued until today (2018)
- All data is collected via paper-based formats.



Reproductive Health Data and Indicators: Jan-Dec

YEAR: 2018
HOSPITAL: NGU
HICENTRE: WHOLE VAVAU
RHC: WHOLE VAVAU

1. Population Breakdown

Population	Male	Female	Total
Infants (below 1 yr)			
1 - 4 years			
5 - 9 years			
10 - 14 years			
15 - 19 years			
20 - 24 years			
25 - 29 years			
30 - 34 years			
35 - 39 years			
40 - 44 years			
45 - 49 years			
50 - 54 years			
55 - 59 years			
60 - 64 years			
65 - 69 years			
70 +			
TOTAL POPN - this period			
TOTAL POPN - last period			
Migration out > 6/12			
Migration in > 6/12			
Total Deaths			
Natural Popn Growth %	= (Births - deaths) / total pr 2		
Net Population Growth %	= (Births - deaths) / total pr 2		

2. Population Data Summary

	number	%
Total Households		
Total Women CBA 15 - 49 yrs		
Total Female Popn Adolescent 10 - 19 yrs		
Total Popn Adolescent 10 - 19 yrs		
Total children under 5 years		
Total infants 0 - 12 months		
Total Live Births during 12mth period		
Crude Birth rate		



Current Collection Processes



Data collected by Centers and Clinics (included Outer Islands)



Monthly Report submitted to RH HQ by 10th of each month



RH HQ checks then compiles Monthly Reports



If issues identified than return to Center and Clinics



Reproductive Health Data and Indicators - Jan-Dec

Category	Value
Infants (below 1 yr)	1289
1 - 4 years	5762
5 - 9 years	6632
10 - 14 years	6362
15 - 19 years	5763
20 - 24 years	4667
25 - 29 years	4096
30 - 34 years	6164
35 - 39 years	5132
40 - 44 years	3466
45 - 49 years	2304
50 - 54 years	1637
55 - 59 years	1054
60 - 64 years	513
65 - 69 years	254
70 + years	127
TOTAL POPHI - this period	53294
TOTAL POPHI - last period	53246



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TOTAL POPHI - this period	53294
TOTAL POPHI - last period	53246

Reproductive Health Data and Indicators: Jan-Dec

YEAR: 2017
HOSPITAL: WHOLE KINGDOM
HICENTRE:
RHC:

1. Population Breakdown

Population	Male	Female	number	Total	%
Infants (below 1 yr)	1289	1274	2563		
1 - 4 years	5762	5387	11149		
5 - 9 years	6632	6176	12808		
10 - 14 years	6362	5838	12200		
15 - 19 years	5763	5438	11201		
20 - 24 years	4667	4780	9447		
25 - 29 years	4096	4099	8195		
30 - 34 years	6164	6905	13069		
35 - 39 years	5132	5103	10235		
40 - 44 years	3466	3816	7282		
45 - 49 years	2304	2586	4890		
50 - 54 years	1637	2054	3691		
55 - 59 years					
60 - 64 years					
65 - 69 years					
70 + years					
TOTAL POPHI - this period	53294	53246	106540		
TOTAL POPHI - last period					
Migration out > 6/12					
Migration in > 6/12					
Total Deaths					
Natural Popn Growth % = %	$\frac{(\text{Births} - \text{deaths}) \times 100}{\text{total population}}$				
Net Population Growth % = %	$\frac{(\text{Births} - \text{deaths} + \text{migration in} - \text{migrat out}) \times 100}{\text{total population}}$				

2. Population Data Summary

	Number	%
Total Households	21723	
Total Women CBA 15 - 49 yrs	26025	
Total Popn. Female Adolescent 10-24 years old	16043	
Total Popn. Male Adolescent 10-24 years old	17504	
Total children under 5 years	13677	
Total infants 0 - 12 months	2643	
Total Live births during 12mth period	2413	
Crude Birth rate		



Challenges with Paper Reporting



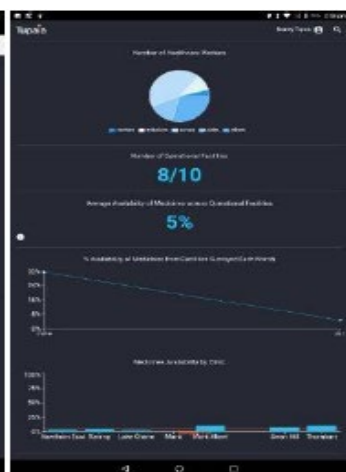
- Multiple books for different services. Too taxing.
- Timely submission of reports for timely decision-making.
- Incomplete Reports: Missing data
- Quality Checks needed for consistent validation and reliability of data.
- Analysis of data takes time to transfer to electronic software for analysis.



Fanafana Ola Digitization Transformation



- Transformation from Paper to E-copy (use of tablets)
- Faster Reporting
- Real-time Reporting
- Reproductive Unit spearheading initiative
- Aggregated Data





Challenges of Fanafana Ola



- Change Management: So much to learn and so many changes – make nurses comfortable with it.
 - 3 new type of software
 - Tablets
 - Need to update process eg: validation etc.
- Connectivity
- Understanding between IT staff and SRH service concepts.
- Computer Skills



2.2 Strong Supervision



- Weak supervision program decades ago
- Lack of supervisor role
- Lack of Skills



Supervisory Visit





Objectives of Supervision



1. Quality of services:

- Adherence to norms and guidelines
- Drugs and supplies

3. Supportive environment

- emotional, motivational
- coaching, problem solving

2. Communication and information

- Data collection
- Deliver promotional messages, education





CURRENT RHS SUPERVISION



Island district	Number of supervisors
Tongatapu	5 Senior Public Health Sister(SPHS)
Vava'u	1 SPHS
Ha'apai	1 SPHS
'Eua	1 SPHS

Monitoring and regulation of work and activities.

- Ensure that data is collected.
- Ensure services are uninterrupted and consistent.
- Ensure resources are adequate.
- Identify and address issues.
- Reported Progress each weekly update

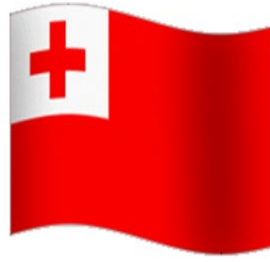


Challenges

1. Maintain regular meetings
2. Ensure that Supervisors don't need supervision themselves.
3. Up skilling and capacity building of Supervisors.
4. Resources to address geographical remoteness (especially Outer Islands)



Benefits



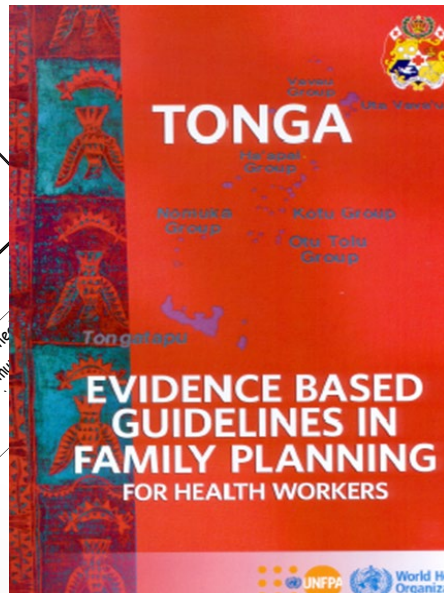
- Coaching, training and employee development are among the common responsibilities assumed by a supervisor
 - Higher health worker motivations
 - Improve service quality
 - Improve skills on the Job
 - Efficient use of resources as staff are support to priorities activities and allocate resources accordingly



2.3 Reviewing RH Guideline and Policies



DOCUMENT	STATUS	AID ORGANIZATION
FP Guidelines	Finalization Stages	UNFPA
RH Policy	Finalization Stages	UNFPA
Immunization Guideline	Finalization Stages	WHO





2.3 Implications



- Updated Evidence-based Nursing Practice
- Maintaining International and Quality Standards of Nursing Practice in Tonga.
- Maintain and uplift Nursing Excellence contributing to achieving agendas like SDGs, UHC and Healthy Islands.



Challenges



- Changes of some scope of practice means
 - changes in resources & equipment
 - need for further upskilling/training
 - and most importantly the need for buy-in from workforce.

(all of which have financial implications).
- Need to measure the impact of Policies and Procedures to identify gaps and loop-holes



2.4 Annual Data Review



- Implemented every year
- Outer Island participation
- Analyze and critique data, identify issues and identify solutions and set targets to address said issues.
- Good data-source for SDGs and UHC like maternal mortality, immunization coverage, neonatal mortality etc.



Annual Data Review



Data collected from the SRH Annual Data Review is used as a numerator for multiple SDG and UHC indicators

***One of many sources**



Target 3.1: By 2030, reduce the global maternal mortality ratio to less than 70 per 100,00 live births

Target 3.2: By 2030 end preventable deaths of newborns and children under 5 years of age

Target 3.7: By 2030, ensure universal access to sexual and reproductive health-care services including FP, Information and Education and the integration of reproductive Health into National Strategies and Programs

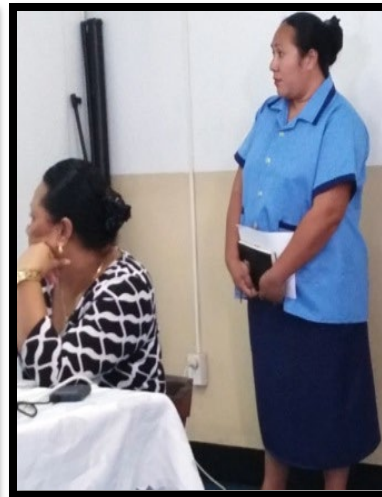
Target 3.8: Achieve Universal Health Coverage, Including Financial Risk Protection, access to quality essential health-care services

Annual Data Review and Planning Workshop 2016





Annual Data Review Outer island



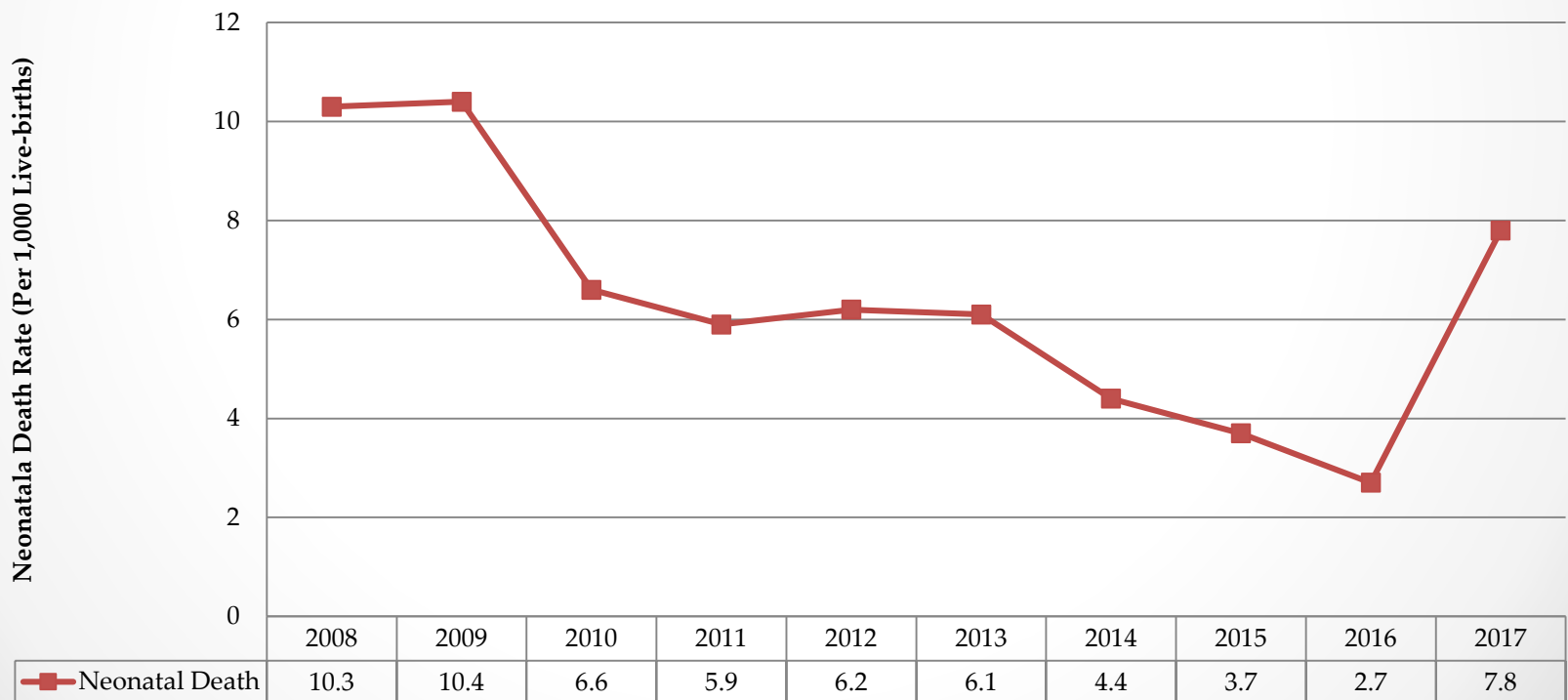


Highlighted Successes



- Neonatal Death Rate <10. **SDG Target Met (Indicator 3.2.2 = <12)**

Neonatal Death Rate

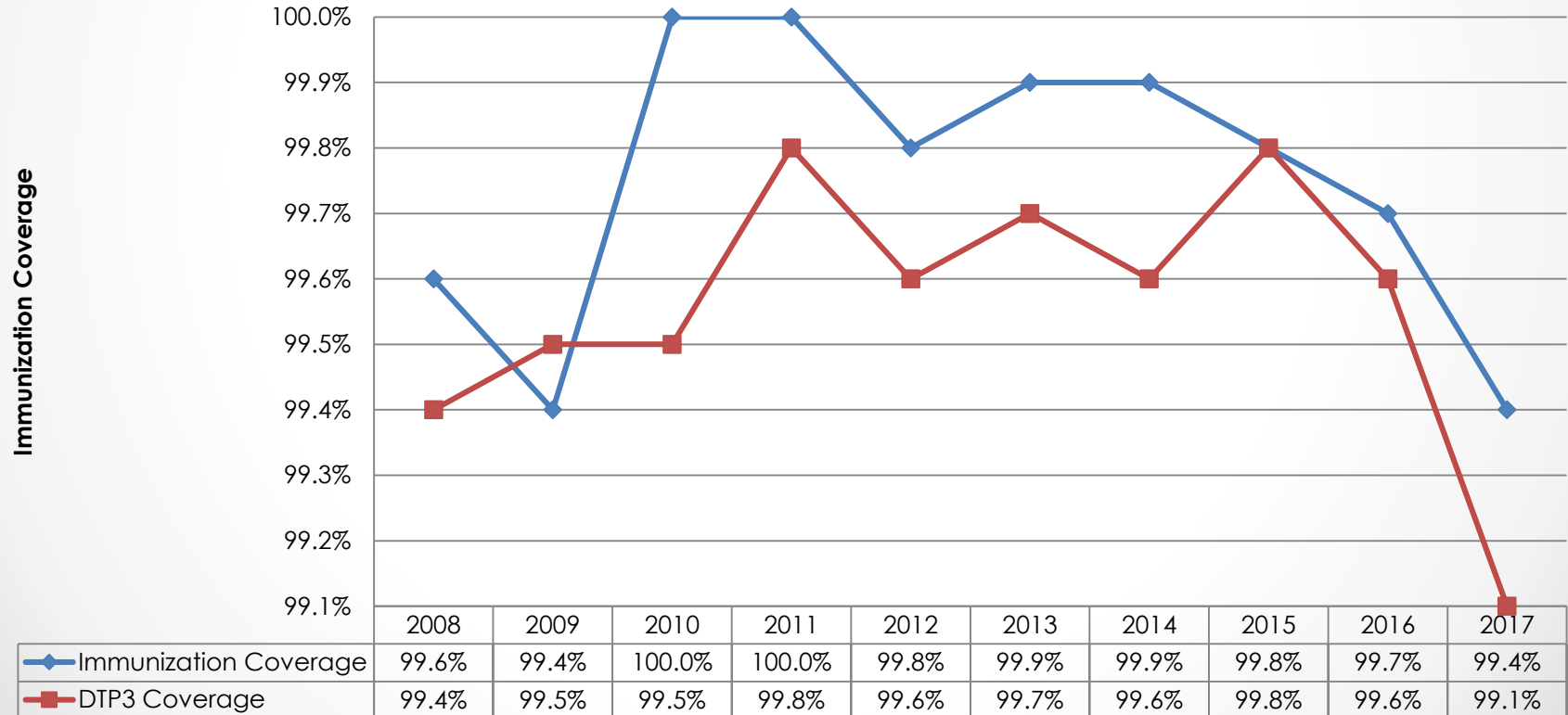




Highlighted Successes



- High Immunization Coverage 99% (SDG Target Met: 3.8.2: DTP3 Immunization Coverage >90%)

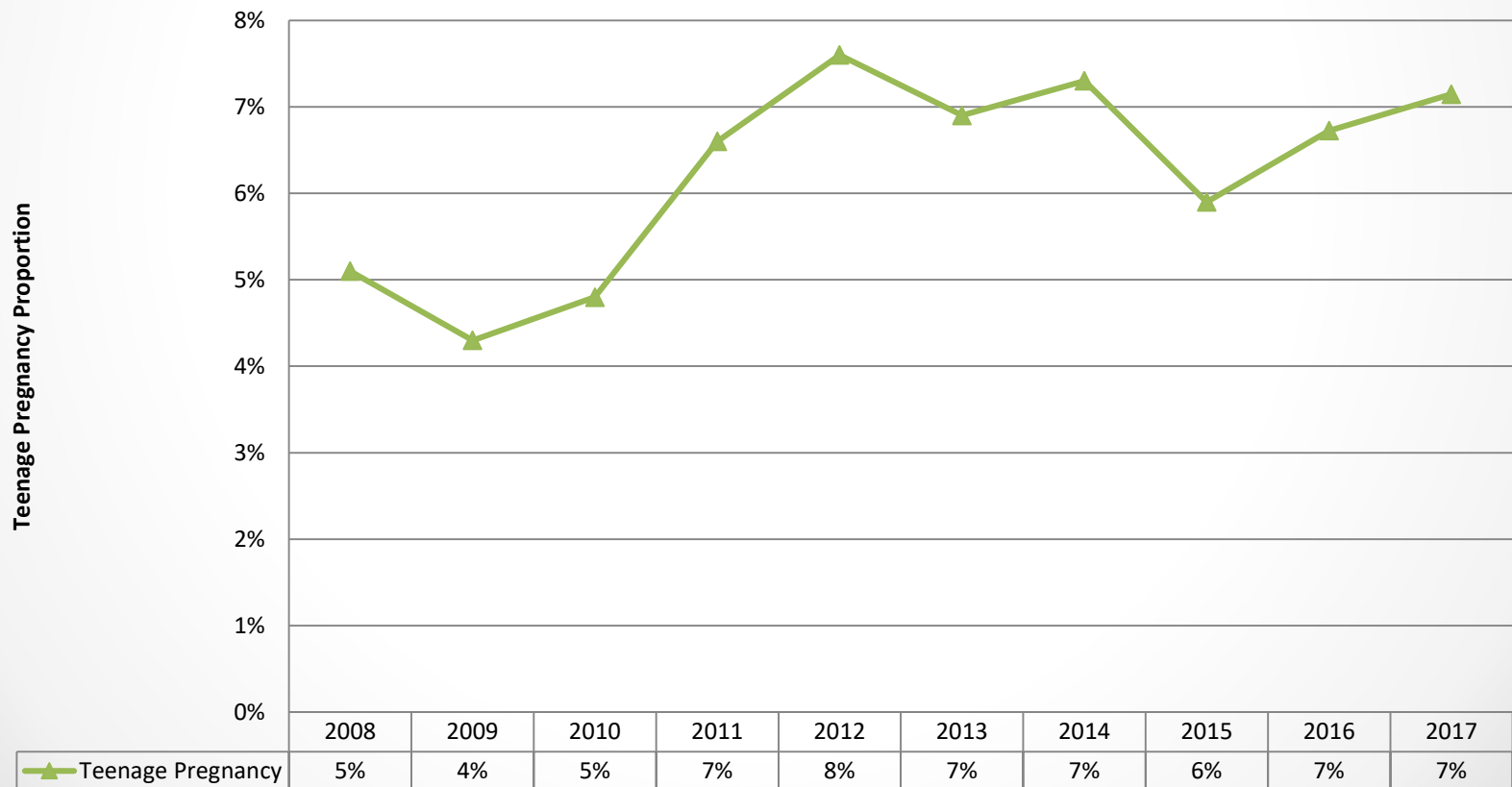




Highlighted Successes

- Adolescent Birth (Proportion) Maintained below 10%

Teenage Pregnancy Proportion



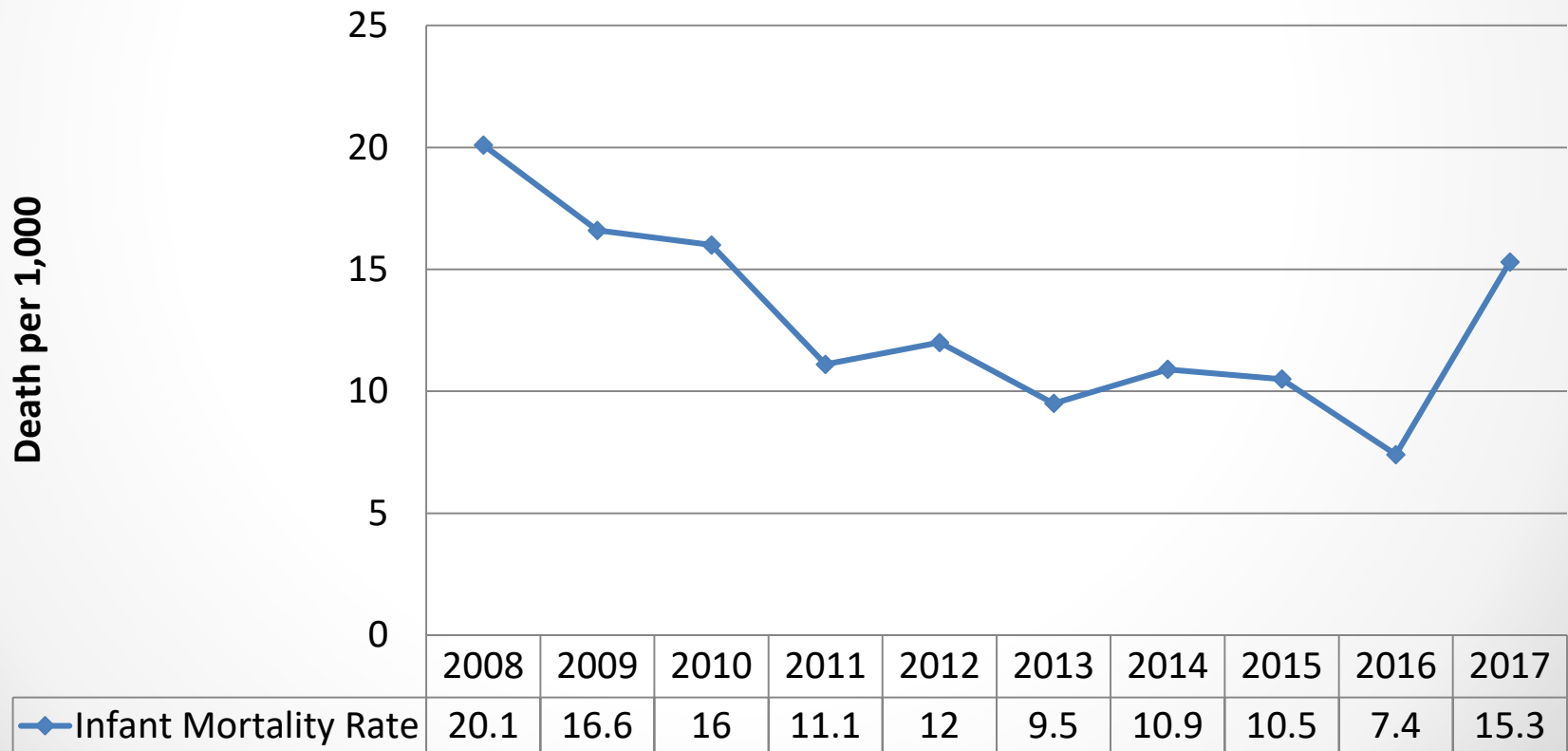


Highlighted Successes



- Low Infant Mortality Rate

Infant Mortality Rate



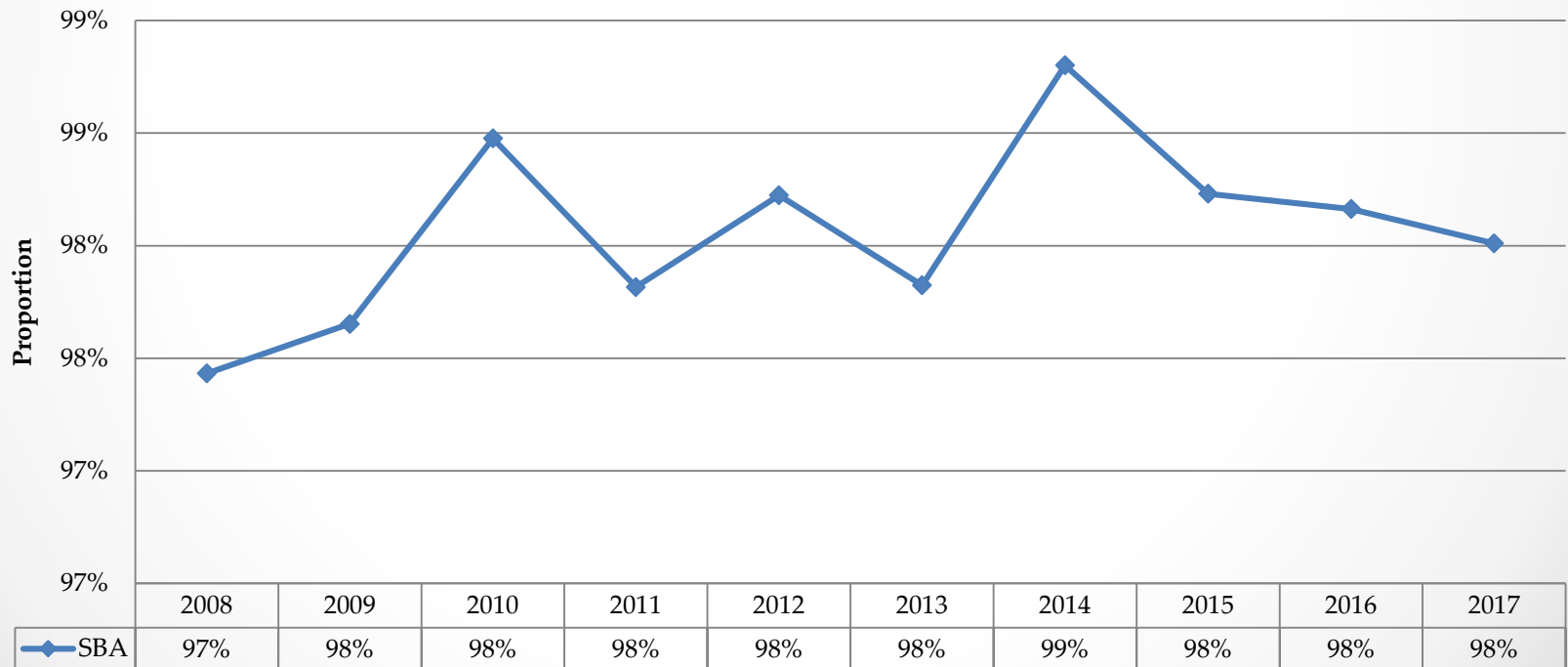


Highlighted Successes



- **Delivery by Skilled Birth Attendant is above 97%**
(Target Met for Indicator 3.1.2)

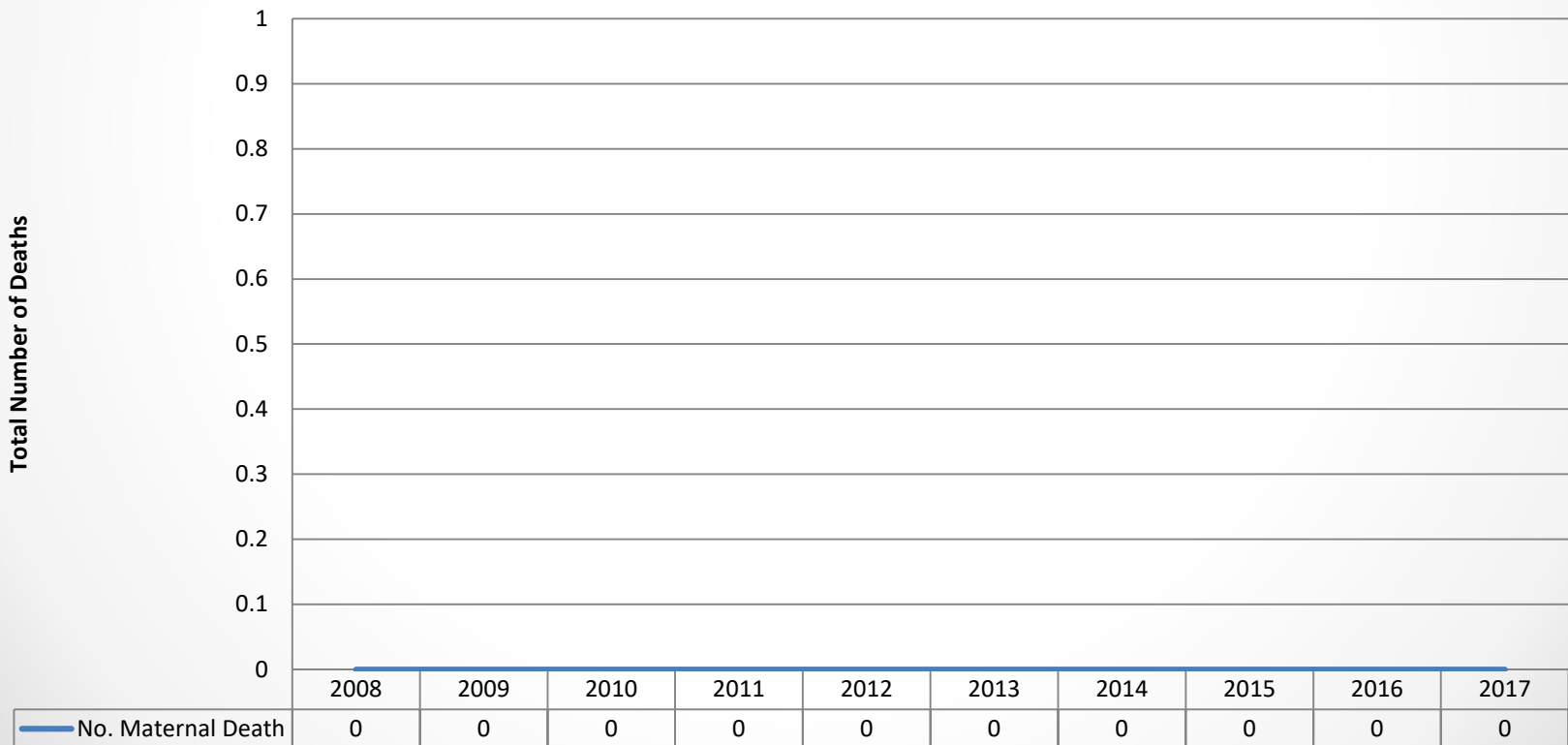
Proportion of Births attended by SBA





- **Maternal Mortality is still zero since 2006: **SDG Target met (Indicator 3.1.1 = <70)****

Total Number of Deaths





3. Conclusion

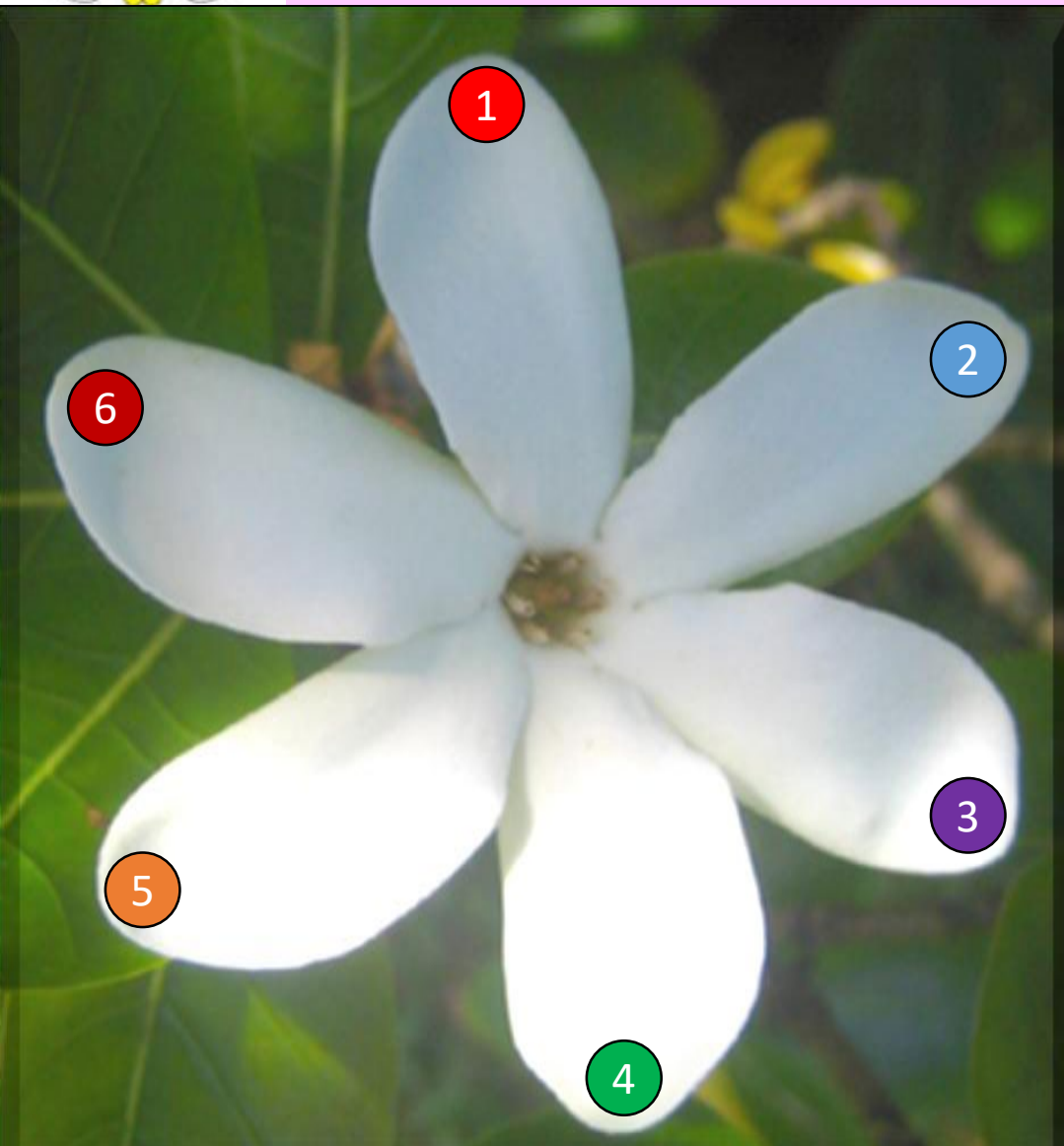


Nursing Leadership in the Pacific should be based on:

- 1. Timely and reliable Health Data and Information Use/ Impactful Research.**
- 2. Strong Leadership: Ongoing strong supervision and inclusiveness of all**
- 3. Robust Policy and Procedures:**



4. Way Forward



1. **Sustainable Financing: Basic resources (\$) must be in place**
2. **Health Workforce: Mixed skill and CPD and integrated with other health professionals.**
3. **National Investment and Strategic Direction**
4. **Health Data and Information Use: Ongoing annual data reviewing**
5. **Leadership & Quality Check systems: Ongoing strong supervision and weekly meeting of supervisors/remote and isolated island for Universal Health Coverage**
6. **Robust Policy and Procedures: Ongoing and strong Policy Direction for Effective Monitoring, Management, Recording and Reporting of RH data and services**



Malo 'aupito

MMT KIAI!