

# Yap Youth Survey

2016 Report

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The Yap State Youth Survey (YSYS) was an initiative of the Wa'ab Healthy Lifestyle Coalition in collaboration with Yap Department of Health Services and is reflective of the mission of both entities to strengthen the health of the people of Yap.

The YSYS was a locally developed survey that used standard items found in youth surveys as well as considered relevant elements that made this survey unique to Yap.

This survey was conducted from May 2016 to September 2016 and included all five high schools in Yap State at the time – three from the main island and two from the neighboring islands. There were many logistical challenges to plan and prepare for in order to get the survey completed to represent as closely as possible the behavior of high school students statewide. The survey would not have been completed successfully had it not been for the schools and their staff.

The information in this report will hopefully serve as a guide to useful and meaningful public health evidence-based interventions as well as policies that will curb these behavioral risks affecting our youth. The Yap State Department of Education can also benefit from the insights gleaned from the students' responses to better address their challenges and make health a priority for a strong future.

Respectfully yours,

Jeffrey Wuthel Acting Chairman

Wa'ab Healthy Lifestyle Coalition

Dr. Aileen Tareg

Director

Yap Dept. of Health Services

# **Table of Contents**

Summary	4
Introduction	5
Methodology	6
Sample Characteristics	7
Tobacco Smoking	8
Tobacco Chewing	9
Betel Nut Chewing	10
Alcohol Use	11
Marijuana Use	12
Inhalant Use	13
Behavioral Health and Wellness	13
Abuse	14
Sexual Health	15-16
Overweight/Obesity	17
Nutrition	18
Physical Activity	19
Recreational Activities	20
Discussion	21
Recommendations	21
Acknowledgements	22
Annex	23-32

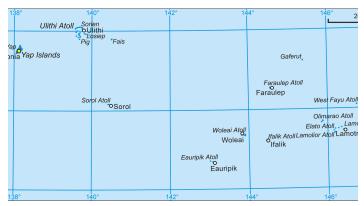
#### **Summary**

The aim of this report is to present current prevalence of certain risk factors for developing non-communicable disease and behavioral health issues among high school youth in Yap. These data can be used to better understand the burden of these risk factors, monitor trends, and determine who is at greatest risk for poor health in order to improve health among Yap youth through the development of targeted evidence-based interventions. The table below compares selected comparable indicators in Yap to Guam, CNMI, and the US.

	Yap	Guam*	CNMI*	US*
Substance Use	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)
Smoking (within past 30 days)	39.0 (35.5-42.7)	13.2 (10.5-16.6)	12.4 (11.0-13.9)	8.8 (7.2-10.7)
Tobacco chewing (within past 30 days)	60.7 (57.0-64.4)	13.5 (10.6-16.9)	15.2 (13.7-16.9)	5.5 (4.4-6.7)
Alcohol use (within past 30 days)	45.5 (41.7-49.3)	18.2 (15.1-21.8)	23.3 (21.4-25.3)	29.8 (27.3-32.4)
Marijuana use (within past 30 days)	37.4 (33.7-41.1)	28.2 (24.9-31.8)	26.0 (24.1-27.9)	19.8 (18.1-21.6)
Ever used inhalants	18.9 (15.9-21.9)	7.0 (5.6-8.6)	6.3 (5.3-7.4)	6.2 (5.6-6.9)
Behavioral Health				
Felt sad or hopeless almost every day for 2 weeks or more	38.0 (34.4-41.7)	40.5 (36.7-44.4)	40.7 (38.6-42.8)	31.5 (29.6-33.4)
Sexual Health				
Ever had sexual intercourse	46.2 (42.4-50.0)	33.6 (29.4-38.1)	33.6 (31.5-35.9)	39.5 (36.8-42.4)
Did not use any method to prevent pregnancy at last intercourse (among sexually active youth)	44.2 (39.2-49.2)	33.0 (25.3-41.7)	23.8 (19.9-28.3)	13.8 (12.0-15.9)
Overweight/obesity				
and physical activity				
Did not participate in physical education at least once/week	62.7 (59.0-66.4)	57.4 (50.8-63.7)	55.9 (53.8-58.0)	48.3 (44.0-52.8)
Had obesity	11.1 (8.2-14.0)	23.0 (19.8-26.5)	16.4 (14.8-18.1)	14.8 (13.8-15.8)
Were overweight	22.3 (18.4-26.2)	19.3 (16.8-22.1)	18.2 (16.6-20.0)	15.6 (14.7-16.6)

<sup>\*</sup>Guam, CNMI, and US data from the 2017 YRBS

#### **Background**



**Figure 1. Map of Yap** https://en.wikipedia.org/wiki/Yap#/media/File:Yap.png



Figure 2. Map of Yap Islands
https://en.wikipedia.org/wiki/Yap#/media/File:Yap\_Islands.pn

Yap is one of the four states of the Federated States of Micronesia (FSM) located in the Pacific Ocean east of the Philippines. Yap is made up of many islands that are widely spread out with a total landmass of just 39 square miles. The main islands are referred to as the Yap Islands or Yap Proper, and the majority (65%) of the population resides on these islands. The other islands are referred to as the Outer Islands, and the remaining 35% of the population is spread out amongst

these islands. As of 2010, the total population of Yap is 11,376 making it the third most populated state in FSM. Yap is known for its strong tradition and culture. Subsistence activities are still very common, especially in the Outer Islands. In 2015, Yap State declared a State of Health Emergency due to the epidemic of noncommunicable diseases (NCDs). This is largely due to loss of longevity, quality of life, and loss of workforce productivity due to NCDs. There has been a shift away from traditional lifestyle and foods that

negatively impacts the culture and health of Yapese. The majority of the adult population in Yap is now overweight or obese and over

80% of adults chew betel nut, most with tobacco.

In 2010, the Pacific Island Health Officers' Association (PIHOA) declared a regional health emergency due to the epidemic of NCDs in the US-Affiliated Pacific Islands (USAPIs). The USAPIs include American Samoa, Commonwealth of the Mariana Islands (CNMI), Guam, Federated States of Micronesia (FSM), Republic of Palau, and Republic of the Marshall Islands.

Stemming from this regional declaration of emergency, all six of these USAPIs agreed upon a regional NCD surveillance framework that includes core NCD and risk factor indicators that need to be routinely and consistently collected across the region in order to monitor the progress of local and regional NCD responses. This includes the following core youth indicators to be measured among high school youth: 30-day tobacco smoking, 30-day tobacco chewing, 30-day alcohol use, and overweight/obesity (by physical measurement of height and weight). Therefore, Yap conducted its own "Yap Youth Survey" in 2016 to collect data on these indicators.

#### **Methodology**

The Yap Youth Survey was developed by the Wa'ab Healthy Lifestyle Coalition (see Annex for copy of the survey). The Yap Youth Survey was conducted in all high schools in Yap to include Yap High School (YHS), Yap Catholic High School (YCHS), Yap Seventh Day Adventist School (YSDA), Outer Islands High School (OIHS), and Neighboring Islands Community High School (NICHS). All students in grades 9-12 present on the survey day were eligible to participate in the survey.

Yap Department of Health Services (Yap DHS) staff conducted this survey at each school between May 2016 and May 2017. Teachers in each school were trained on administration of the survey by Yap DHS staff. The long period of data collection was due to the fact that two of the high schools are in the outer islands and regular ship transport there is a challenge. The paper survey was completed by students confidentially then turned in anonymously. Afterwards, Yap DHS staff entered the paper surveys into a Microsoft Excel database. PIHOA provided technical support for cleaning and analyzing these data.

All data collected were based on self-report, including height and weight used to calculate body mass index (BMI) to determine overweight/obesity. Sections of the survey included: demographics, alcohol, tobacco, and other drugs, behavioral health and wellness, sexual behavior, nutrition, and physical activity. A copy of the questionnaire used is provided in the Annex.

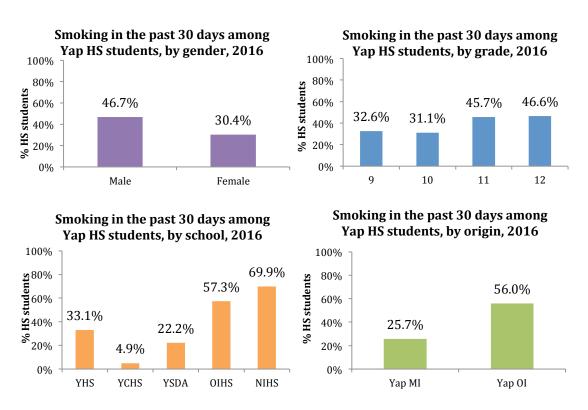
# Sample Characteristics (N=699)\*

	N	%
Gender		
Male	373	55.0
Female	305	45.0
Age Group		
12-14	97	14.9
15-17	375	57.7
18+	178	27.4
	_, _	
School	255	<b>5</b> 4.0
Yap High School	355	51.0
Yap Catholic High School	64 51	9.2 7.3
Yap Seventh Day Adventist Outer Islands High School	87	7.3 12.5
Neighboring Islands High School	139	20.0
Neighbornig Islands High School	139	20.0
Grade		
9	187	28.3
10	146	22.1
11	175	26.5
12	152	23.0
Policitude		
Ethnicity	254	<b>F1</b> (
Yap Main Island	354 315	51.6 45.9
Yap Outer Islands Other FSM State	515 5	45.9 0.7
Other Pacific Islander	3	0.7
Philippines	9	1.3
Timppines	,	1.5
Municipality of Residence		
Gagil	41	6.2
Maap	37	5.6
Rumung	1	0.2
Tomil	76	11.5
Fanif	30	4.5
Weloy	51	7.7
Dalipebinaw	21	3.2
Rull	134	20.3
Kanifay Gilman	20 27	3.0 4.1
Ulithi	27 84	4.1 12.7
Woleai	139	21.0
Wolcai	137	41.0

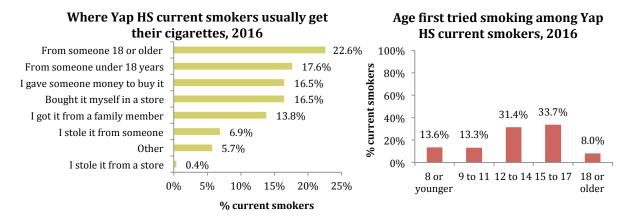
 $<sup>^*21</sup>$  missing gender, 49 missing age, 3 missing school, 39 missing grade, 13 missing ethnicity, 39 missing municipality

#### **Smoking**

39.0% of high school students in Yap are current smokers (smoked in the past 30 days).



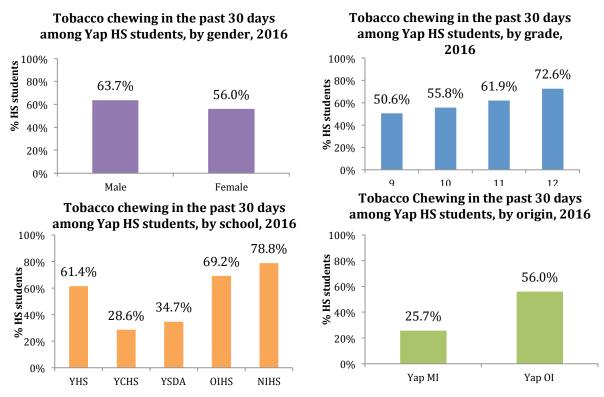
Male students have a higher smoking prevalence than female students (46.7% vs. 30.4%). Additionally, smoking prevalence increases greatly between grades 10 and 11. There also appears to be a lot of variation in smoking prevalence between schools ranging from 4.9% (YCHS) to 69.9% (NIHS). Finally, high school students from the Yap Outer Islands have a smoking prevalence two times higher than high school students from Yap Main Island.



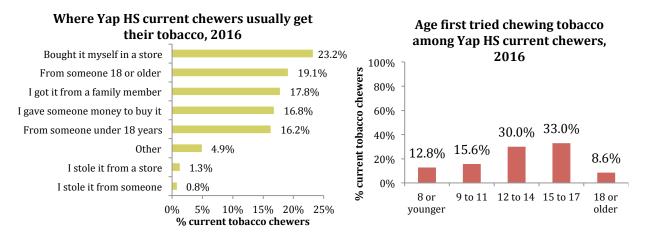
Most high school students in Yap get their cigarettes from someone else or give someone money to buy them. About one-third of these students first tried smoking under the age of 12, and the majority tried smoking between ages 12 to 17.

#### **Chewing Tobacco**

60.7% of high school students in Yap are current tobacco chewers (chewed tobacco in the past 30 days).



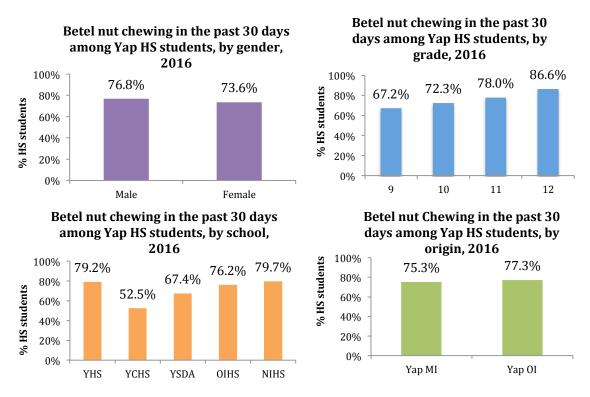
Male students have a higher tobacco chewing prevalence than female students (63.7% vs. 56.0%). Tobacco chewing prevalence increases with grade, but is still high at 50.6% in  $9^{th}$  grade. Tobacco chewing prevalence varies by school with similar trends to smoking. Finally, high school students from the Yap Outer Islands have a tobacco chewing prevalence twice as high as Yap high school students from Main Island.



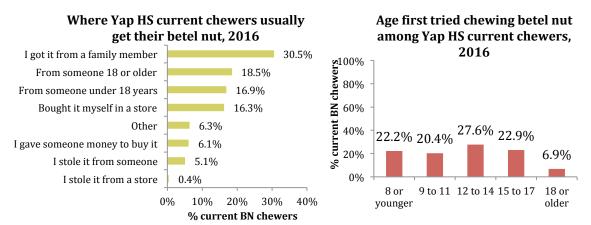
Most high school students in Yap reported buying tobacco to chew from the store themselves, though many got their tobacco to chew from someone else. The majority of these students first started chewing tobacco between the ages of 12-17.

#### **Betel Nut Chewing**

Over three-quarters (75.8%) of high school students in Yap are current betel nut chewers (chewed betel nut in the past 30 days).



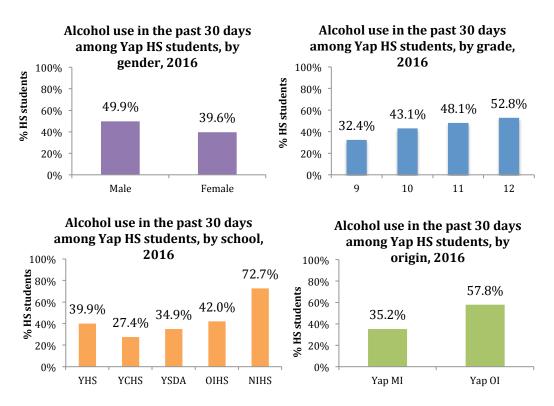
Betel nut chewing prevalence is similar amongst male and female high school students in Yap. Betel nut chewing prevalence also increases with grade like tobacco use; however, prevalence is still high in 9th grade at 67.2%. Although there is variation between schools, the difference observed is not as great as with tobacco use. Finally, betel nut chewing prevalence is similar between Yap high school students from the Main and Outer Islands.



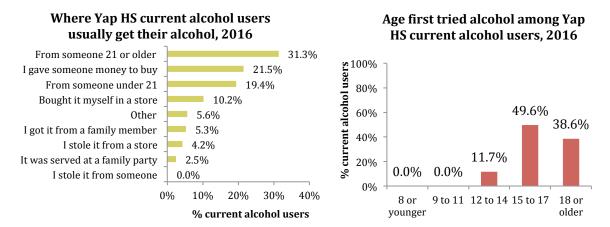
Most high school students in Yap who chew betel nut get their betel nut from someone else. About one-third (30.5%) reported that they get their betel nut from a family member. Almost one-quarter (22.2%) reported that they tried betel nut at 8 years old or younger.

#### **Alcohol Use**

Almost half (45.5%) of high school students in Yap have used alcohol in the past 30 days.



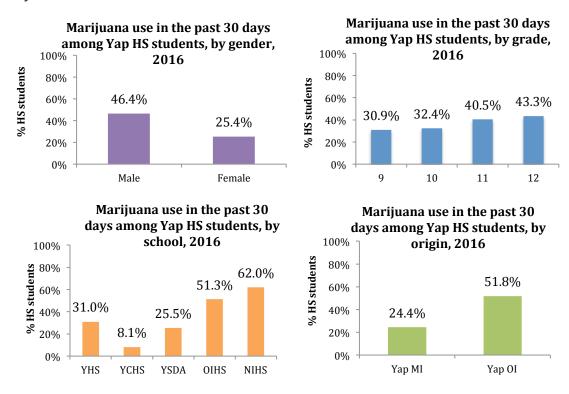
Alcohol use prevalence is higher among male students (49.9%) compared to female students (39.6%). Like other substances, prevalence increases with grade and shows variation by school. Additionally, alcohol use prevalence was almost twice as high among Yap high school students from the Outer Islands (57.8%) compared to those from Main Island (35.2%).



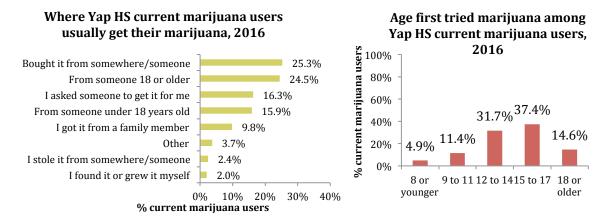
Students most commonly get their alcohol from someone 21 or older, or give someone money to buy it for them. The majority of high school students who use alcohol did not try alcohol until they were 15 or older.

#### Marijuana Use

About one-third (37.4%) of high school students in Yap have used marijuana in the past 30 days.



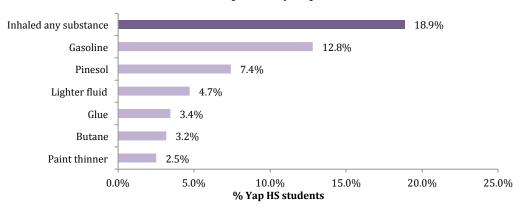
Marijuana use prevalence is higher among male students (46.4%) compared to female students (25.4%), and high among students in grades 11 and 12 compared to those in grades 9 and 10. There is also variation by school, and students from Yap Outer Islands have a higher prevalence (51.8%) compared to students from Yap Main Island (24.4%).



Most students who use marijuana buy it from someone, or get it from someone. The majority of students who use marijuana first used at 12 years or older.

#### **Inhalant Use**

#### Inhalant use reported by Yap students, 2016



About one out of five (18.9%) high school students in Yap reported ever inhaling a substance to get high. The most commonly reported substance used was gasoline, followed by gasoline and pinesol.

#### **Behavioral Health and Wellness**

Behavioral Health & Wellness	Overall	Male	Female
Problems dealing with stressful situations	47.4%	41.2%	54.7%
Problems controlling anger	47.7%	42.1%	53.8%
During the past 12 months, feeling sad or hopeless almost every day for two weeks or more in a row that you stopped doing some usual activities	38.0%	36.8%	40.1%
Too much energy every day for two weeks or longer	36.8%	36.2%	37.6%
Feel so worried all the time that it bothers your sleep, work, and duties expected of you	34.4%	28.7%	39.6%
Have trouble thinking straight, hear voices, and see things that are not there	28.7%	25.6%	32.8%
Feel like taking your own life and/or have attempted to harm yourself anywhere on your body	26.5%	26.3%	26.3%
Been in trouble with the police or broken the law	17.2%	22.3%	11.5%

About half (47.4%) of Yap high schools students reported that they have problems dealing with stressful situations, and almost half (47.7%) have problems controlling anger; both conditions were more prevalence among female students. More than one-third of Yap high school students reported feeling sad or hopeless almost every day (38.0%) or having too much energy every day (36.8%) for two weeks or longer. About one-third (34.4%) of students feel worried all of the time and about one-third have trouble thinking straight (28.7%); these are both more prevalent among female students. Over one-quarter (26.5%) of Yap high school students feel like taking their own life or have attempted to harm themselves. Finally, 17.2% of Yap high school students have been in trouble with the police or broken the law, and this is more prevalent among male students.

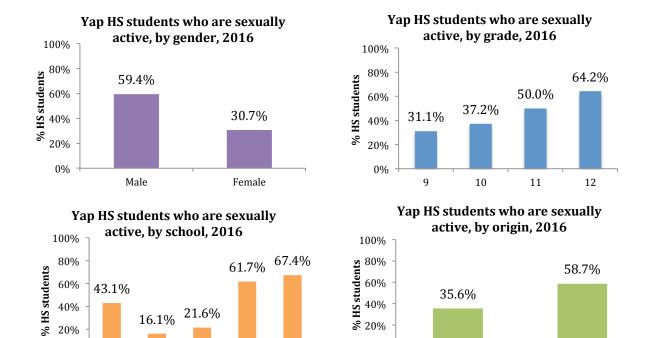
#### **Abuse**

			WHERE			В\	/ WHOM		
Types of Abuse	Ever experienced	At home	At school	Other	Family member	Friend or classmate	Neighbor	School staff	Other
Violence/physical abuse	22.5%	10.6%	9.3%	3.7%	6.7%	9.4%	1.6%	1.1%	5.0%
Unwelcomed touching or gestures that make you uncomfortable	23.0%	5.6%	15.2%	2.4%	3.4%	13.6%	1.9%	1.6%	4.1%
Someone hitting or beating you	28.3%	9.0%	16.0%	3.1%	6.2%	14.4%	1.9%	1.9%	5.0%
Feeling that no one cares for you or pays attention to you	31.9%	18.2%	16.0%	2.4%	16.5%	14.0%	2.6%	2.6%	4.4%

Almost one-quarter (22.5%) of Yap high school students reported that they have ever experienced violence or physical abuse. This was most commonly reported to occur at home or at school by a family member or friend/classmate. Additionally, 23.0% of Yap high school students reported experiencing unwelcomed touching or gestures that made them uncomfortable. This was most commonly reported to occur at school by friends or classmates. Over one-quarter (28.3%) of Yap high school students reported being hit or beat by someone, most commonly at school by friends or classmates. Finally, almost one-third (31.9%) of Yap high school students reported feeling that no one cares or pays attention to them. This was most commonly reported are home or school by family members or friends/classmates.

#### **Sexual Health**

About half (46.2%) of all high school students in Yap reported that they are sexually active.



Male high school students in Yap reported a higher prevalence of being sexually active than female students (59.4% vs. 30.7%). Prevalence of being sexually active increases by grade, with 64.2% of 12 graders reporting being sexually active. There is quite a bit of variation by school, with YCHS and YSDA have the lowest prevalence of being sexually active at 16.1% and 21.6% respectively compared to the highest prevalence of being sexually active at OIHS (61.7%) and NIHS (67.4%). Finally, high school students from the Yap Outer Islands report a prevalence of being sexually active that is almost twice as high as students from Yap Main Island (58.7% vs. 35.6%).

0%

YHS

YCHS

**YSDA** 

OIHS

NIHS

0%

Yap MI

Yap OI

#### **Sexual Health**

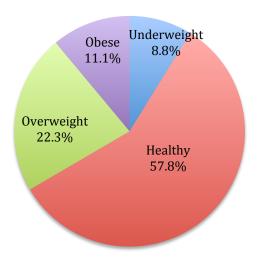
Among those students who are sexually active	Overall	Male	Female
Age at first sexual intercourse			
11 to 13	23.5%	25.7%	16.9%
14 to 16	51.0%	51.5%	50.6%
17 or older	25.5%	22.8%	32.6%
Number of lifetime sexual partners			
1 to 2	44.8%	38.0%	60.9%
3 to 4	24.7%	27.3%	19.5%
5 or more	30.4%	34.6%	19.5%
Drinking or drugs ever led to sex			
Yes	45.5%	46.6%	43.3%
Condom use during sex			
Never	16.0%	17.1%	13.6%
Rarely	6.7%	4.9%	10.2%
Sometimes	40.3%	40.5%	38.6%
Mostly	9.3%	8.8%	11.4%
Always	27.7%	28.8%	26.1%
Use anything to prevent pregnancy			
Yes	55.8%	55.8%	55.8%
Method used to prevent pregnancy among users			
Birth control pills	6.5%	1.9%	17.0%
Condoms	86.3%	91.5%	74.5%
IUD/implant	0.0%	0.0%	0.0%
Injection/Depo	3.3%	1.9%	6.4%
Other	3.9%	4.7%	2.1%
Ever had sex in exchange for drugs, money, or gifts			
Yes	45.0%	46.4%	42.4%
Comfortable being tested for STIs			
Yes	58.4%	54.4%	72.5%

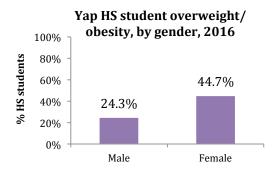
Over half (51.0%) of the high school students in Yap who are sexually active had their first intercourse between 14-16 years old, and one-quarter (23.5%) were between 11-13 years old. Almost half of the sexually active students report one to two lifetime sexual partners, and male students report more sexual partners than female students. Almost half (45.5%) of sexually active high school students reported that drinking or drugs have led to sex and almost half (45.0%) reported that they ever had sex in exchange for drugs, money, or gifts. Fewer than one-third (27.7%) of sexually active high school students report always using a condom during sex, and only about half (55.8%) reported using anything to prevent pregnancy. Among those students who used anything to prevent pregnancy, the majority (86.3%) used condoms. A little over half (58.4%) of sexually active high school students reported that they were comfortable being tested for sexually transmitted diseases (STIs), and female students were more comfortable than male students.

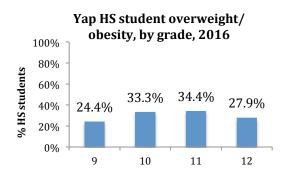
#### **Overweight/Obesity**

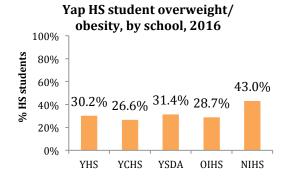
One-third (33.4%) of high school students in Yap are overweight or obese.

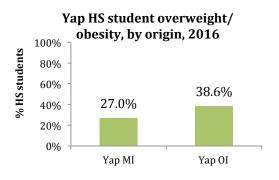
Body Mass Index (BMI) Categories of Yap HS students, 2016









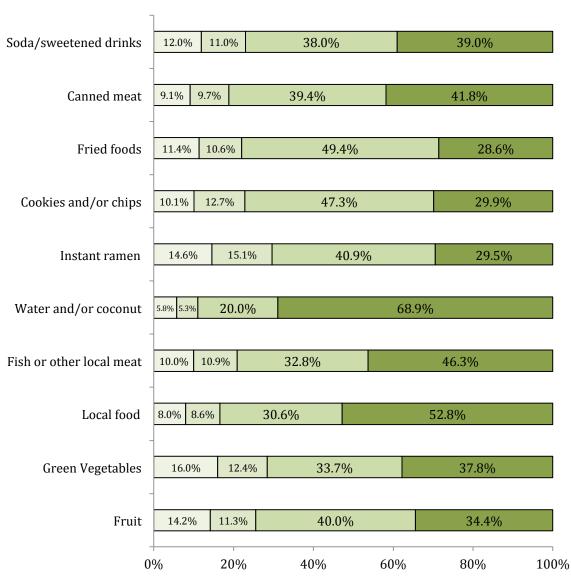


Prevalence of overweight/obesity is higher among female students (44.7%) compared to male students (24.3%). There is no clear trend in overweight/obesity by grade or school, though overweight/obesity prevalence appears to be highest at NIHS (43.0%). Prevalence of overweight/obesity is higher among students from the Yap Outer Islands (38.6%) compared to students from the Yap Main Island (27.0%).

#### **Nutrition**

#### Nutrition habits among Yap HS students, 2016

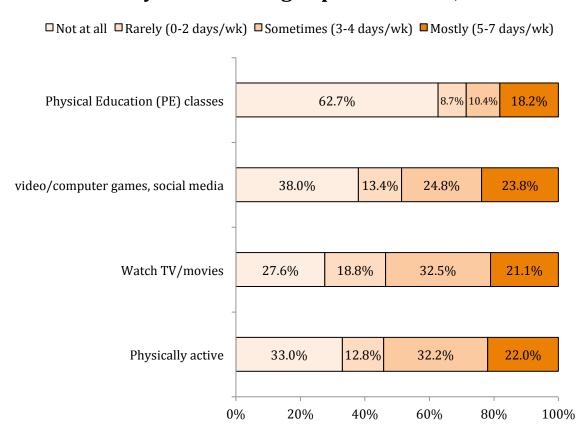
□ Not at all □ Rarely (0-2 days/wk) □ Sometimes (3-4 days/wk) ■ Mostly (5-7 days/wk)



The majority of Yap high school students consume soda/sweetened drinks (77.0%), canned meat (81.2%), fried foods (78.0%), cookies/chips (77.2%), and instant ramen (70.4%) at least 3 days per week. About one-third (31.1%) of Yap high school students drink water/coconut 4 days a week or less, and 5.8% do not drink water/coconut at all. About half of these students consume fish/local meat (53.7%) and local food (47.2%) 4 days or less per week, and 10.0% of students do not each any fish/local meat at all, and 8.0% do not eat any local food at all. Finally, about one-quarter of Yap high school students eat green vegetables (28.4%) and fruit (25.3%) 2 days or less per week, and only about one-third eat green vegetables (37.8%) and fruit (34.4%) most days out of the week.

#### **Physical Activity**

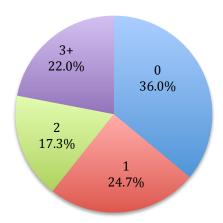
#### Activity habits among Yap HS students, 2016



Almost two-thirds (62.7%) of Yap high school students do not participate in physical education (PE) classes at all in school, and one-third (33.0%) are not physically active at all. Less than one-quarter (22.0%) of these students reported being physically active most days out o the week. However, about half of Yap high school students reported playing video/computer games or using social media (48.6%) and watching TV/movies (53.6%) at least 3 days per week.

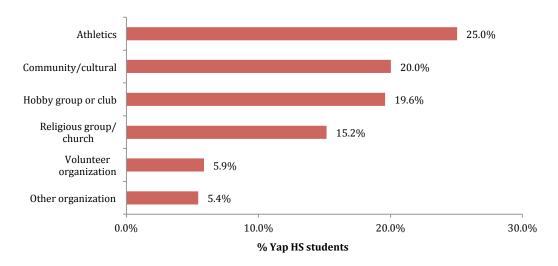
#### **Recreational Activities**

Number of sports teams Yap HS students were a member of in the past 12 months, 2016



Over one-third (36.0%) of Yap high school students reported that they did not participate in any sports teams in the past 12 months.

#### Recreational activities that Yap HS students are interested in, 2016



When Yap high school students were asked what type of recreational activities they are interested in, the most commonly reported was athletics, followed by community/cultural activities, and hobby groups or clubs.

#### **Discussion**

Based on the data presented in this report, it's clear that there are many risk factors prevalent among youth in Yap. Tobacco use through smoking and chewing (with betel nut) is a significant concern given that these prevalence rates are much higher than other jurisdictions in the region and the majority of high school youth are using tobacco. Additionally, almost half of high school youth in Yap are using alcohol, and drug use (specifically marijuana and inhalants) is higher than neighboring islands of Guam and CNMI. There are clear trends in these use patterns, highlighting the need to prioritize certain high schools in Yap for intervention. Additionally, substance use begins early in Yap, so interventions in youth prior to high school should be considered.

Although obesity in Yap is not as high as the US, the overweight prevalence is high, and many of these students have the potential to become obese over time. Also, **physical education participation is low, and many students are not consuming fruits and vegetables daily**. Students in this survey indicated that they are **interested in recreational activities, most specifically sports**. Therefore, offering these activities can help to promote healthy weight among Yap youth, with the added potential to also reduce substance use by providing alternative activities.

Many students reported behavioral health issues and having experienced different forms of abuse. **The majority of this abuse was at school from friends or classmates**. Providing healthy, supportive environments at school is important for promoting good mental health. Bullying is an issue that may want to be considered as well.

Almost half of high school students in Yap are sexually active. Many of these sexually active students are engaging in risky sexual behavior such as using drugs or alcohol prior to sex, or trading money or other goods for sex. Also, few students regularly use condoms, and only about half are using methods to prevent pregnancy. Effective modern methods such as birth control pills, implants, IUDs, and Depo are highly underutilized by students.

#### Recommendations

Overall, the Yap Youth Survey was able to collect much needed data from Yap high school youth. It is highly recommended that **this survey be conducted on a regular, biannual basis**. However, some improvements could be made to the methodology. There was quite a bit of missing data that could have been prevented by **revising the format of this survey**, or even using electronic data collection. Also, **many questions were not validated questions**, so it was challenging to compare to other locations. It is recommended that this survey be modified to include validated questions, such as those used in YRBS. Finally, in order to accurately assess overweight/obesity, **measured height and weight are preferred to self-reported height and weight**.

#### **Acknowledgements**

#### **Waab Healthy Lifestyle Coalition:**

- John Malimai
- Jesse Salalu
- Jeffrey Wuthel
- Sylvia Gurepin
- Aileen Tareg
- Martina Reichhardt
- Jennifer Palemar
- Margaret Beengin
- Sandy Keiji
- Christina Fillmed

#### **Yap SPF-PFS:**

- Jonathan Tamag
- Joyce Anefal
- Alvin Rubothin
- Hilda Tafledep

#### **Family Planning:**

Naty Malrgarsoh

#### **STI Program:**

• Paula Mitmow

#### **NCD Program:**

• Dr. Aileen Tareg

# Behavioral Health & Wellness Program:

Hilda Tafledep

#### **Tobacco Program:**

Sylvia Gurepin

#### **Yap Department of Health Services:**

- Martina Reichhardt, Director, DHS
- Celine Tacheliol, Chief, Public Health

#### **Cancer Program:**

- Martina Reichhardt
- Iennifer Palemar
- Ritchie Wichilib

#### **Dept. of Education:**

- Teresa Filepin, Director, DOE
- Domingo Techur, Principal, YHS
- Lorenzo Sartilug, SASS, DOE
- Yap High School Teachers
- Outer Island High School Teachers
- OIHS Students (SY 2016-2017)
- Neighboring Islands Central High School (NICHS)
- NICHS Students (SY 2016-2017)

#### **Yap SDA School:**

- John Tamngin, Principal
- High School students (SY 2016-2017)

#### **Yap Catholic High School:**

- Michael Wiencek
- High School students (SY 2016-2017)

#### **FSM SPF-PFS:**

- Kerio Walliby
- Benido Victor
- Gloria Ureseram

#### **Contract, OIHS:**

- Robert Tanglir
- Kaycelina Lemor

#### **PIHOA**

• Dr. Haley Cash

#### **Annex**

Wa'ab Healthy Lifestyle Coalition's

# Yap Youth Survey 2016

This survey is about health behavior. It can tell us what you do that may affect your health. The information you give will be used to improve health education for young people like you.

#### DO NOT WRITE YOUR NAME ON THIS SURVEY.

The answers you give will be kept private. No one will know what you write. Answer the questions based on what you really do.

Completing the survey is voluntary. Whether or not you answer the questions will not affect your grade in class. If you are not comfortable answering a question, just leave it blank.

The questions that ask you about your background will be used only to describe the types of students completing this survey. The information will not be used to find out your name. No names will ever be reported.

Make sure to read every question. Please try to answer as completely as possible. When you are finished, follow the instructions of the person giving you the survey.

### **ABOUT YOU**

Please check off any of the boxes or write in answers for the questions as they apply to you.

1. Gender 2	2. Age	3. Weight	4. Height	5. School you attend:
Male Female	12-14 yrs. old 15-17 yrs. old 18 yrs. or older	3. Weight	4. Height	Yap High School  Yap Catholic High School  Yap Seventh-Day Adventist High School  Outer Islands High School  Neighboring Islands  Central High School

6. Current Grade	7. Origin	8. Municipality where you live	9. Village where you live
9th 10 <sup>th</sup> 11 <sup>th</sup> 12 <sup>th</sup> GED Program	Main island Yap Yap Outer Islands Other FSM state Other Pacific Island Philippines Other (please write):	live	live

**ALCOHOL, TOBACCO, & OTHER DRUGS**Please read the shaded boxes to choose or fill in your answers in the white boxes below:

Have you ever	a. How old	b. During the	c. On the days	d. In the last 30
tried	were you when you	past 30 days, how many	that you did use, how much did	days, where did you usually get it from?
	first tried?	days did you	you use?	douding got to it office
10 SMOKING cigarettes or home-rolled tobacco?  No (skip to question 2) Yes (continue to the right)	(Even one puff)  8 yrs. or younger 9-11 yrs. old 12-14 yrs. old 15-17 yrs. old 18 yrs. or older	Smoke?  0 days (skip to question 2) 1-4 days 5-8 days 9-12 days 13-16 days 17-20 days 21 or more days	1 cigarette or less per day 2-4 per day 5-7 per day 8-10 per day 9-11 per day 12-14 per day 15-17 per day 18-20 per day 21 or more per day	I bought it myself in a store I gave someone money to buy for me From someone under 18 yrs. old From someone 18 yrs. or older I stole it from someone I stole it from a store I got it from a family member Other way (Write where):
11 CHEWING cigarettes or other tobacco?  Examples: Redman, Skoal, Copenhagen, etc.  No (skip to question 3) Yes (continue to the right)	(Even a little bit)  8 yrs. or younger 9-11 yrs. old 12-14 yrs. old 15-17 yrs. old 18 yrs. or older	Chew?  0 days (skip to question 3) 1-4 days 5-8 days 9-12 days 13-16 days 17-20 days 21 or more days	1 cigarette worth or less per day 2-4 per day 5-7 per day 8-10 per day 9-11 per day 12-14 per day 15-17 per day 18-20 per day 21 or more per day	I bought it myself in a store I gave someone money to buy for me From someone under 18 yrs. old From someone 18 yrs. or older I stole it from someone I stole it from a store I got it from a family member Other way (Write where):

Have you ever tried	How old were you when you first tried?	During the past 30 days, how many days did you	On the days that you did use, how much did you use?	In the last 30 days, where did you usually get it from?
No (skip to question 4) Yes (continue to the right)	(Even half of a whole betelnut)  8 yrs. or younger 9-11 yrs. old 12-14 yrs. old 15-17 yrs. old 18 yrs. or older	Chew?  0 days (skip to question 4) 1-4 days 5-8 days 9-12 days 13-16 days 17-20 days 21 or more days	1 nut or less per day 2-4 per day 5-7 per day 8-10 per day 9-11 per day 12-14 per day 15-17 per day 18-20 per day 21 or more per day  Check all that apply: With tobacco/cigarette With vodka/alcohol With leaf With lime	I bought it myself in a store I gave someone money to buy for me From someone under 18 yrs. old From someone 18 yrs. or older I stole it from someone I stole it from a store I got it from a family member I found or picked it myself Other way (Write where):
13Alcohol for DRINKING  No (skip to question 5) Yes (continue to the right)	(Even a sip)  8 yrs. or younger 9-11 yrs. old 12-14 yrs. old 15-17 yrs. old 18 yrs. or older	Drink?  0 days (skip to question 5)  1-4 days  5-8 days  9-12 days  13-16 days  17-20 days  21 or more days	1 can/glass or less per day 2-4 per day 5-7 per day 8-10 per day 9-11 per day 12-14 per day 15-17 per day 18-20 per day 21 or more per day	I bought it myself in a store I gave someone money to buy for me From someone under 21 yrs. old From someone 21 yrs. or older I stole it from someone I stole it from a store I got it from a family member It was served at a family party Other way (Write where):

Have you ever tried	a. How old were you when you first tried?	b. During the past 30 days, how many days did you	c. On the days that you did use, how much did you use?	d. In the last 30 days, where did you usually get it from?
14smoking Marijuana?  No (skip to question 5)  Yes (continue to the right)	(Even one puff)  8 yrs. or younger 9-11 yrs. old 12-14 yrs. old 15-17 yrs. old 18 yrs. or older	Smoke?  0 days (skip to question 2) 1-4 days 5-8 days 9-12 days 13-16 days 17-20 days 21-all 30 days	1 joint or less per day 2-4 per day 5-7 per day 8-10 per day 9-11 per day 12-14 per day 15-17 per day 18-20 per day 21 or more per day	I bought it from someone/somewhere I asked someone to get it for me From someone under 18 yrs. old From someone 18 yrs. or older I stole it from someone/somewhere I got it from a family member I found or grew it myself Other way (Write where):

15. Have you	a. Glue:	b. Pine	sol: c.	Gasoline:	d. Lighter fluid:	
ever tried	e. Paint	thinner:				
inhaling the						
following to	No	No	No	No		No
get high?	Yes	Yes	Yes	Yes		Yes
	f. Butane:					
	No					
	Yes					
	Please list any	other substar	nce(s) you	use to get	high:	

## **BEHAVIORAL HEALTH & WELLNESS**

2211111101412		a ii da ii dada
16. Do you have pr	oblems dea	ling with and solving stressful situations?
Yes	No	
17. Do you have pr	oblems con	trolling your anger?
Yes	No	
<b>18.</b> During the past	t 12 months	s, did you ever feel sad or hopeless almost every day
for two weeks or m	ore in a rov	w that you stopped doing some usual activities?
Yes	No	
<b>19.</b> Have you ever	felt like you	had too much energy every day for 2 weeks or
longer?		
Yes	No	
<b>20</b> . Do you feel so v	worried all	the time that it bothers your sleep, work, and duties
expected of you?		
Yes	No	
<b>21.</b> Do you usually	have troub	le thinking straight, hear voices and see things that
are not there?		
Yes	No	
22. Do you sometin	nes feel like	e taking your own life and/or have attempted to harm
yourself anywhere	on your bo	dy?
Yes	No	
23. Have you been	in trouble v	vith the police or broken the law?
Yes	No	

Do you experience:	Where?	By whom?
24. Violence/physical abuse	Home	Family member
Yes (continue to the right)	School	Friend/classmate
No (skip to next question below)	Other (write	Neighbor
	where)	School staff
		Other
<b>25</b> . Unwelcomed touching or gestures that make	Home	Family member
you feel uncomfortable	School	Friend/classmate
Yes (continue to the right)	Other (write	Neighbor
No (skip to next question below)	where)	School staff
		Other
<b>26</b> . Someone hitting or beating you or making	Home	Family member
you do something you don't want to do	School	Friend/classmate
Yes (continue to the right)	Other (write	Neighbor
No (skip to next question below)	where)	School staff
		Other
27. A feeling that no one cares for you or pays no	Home	Family member
attention to you	School	Friend/classmate
Yes (continue to the right)	Other (write	Neighbor
No (skip to next question below)	where)	School staff
		Other

<b>28.</b> Have you been in trouble with	<b>29.</b> How many positive role models and supportive			
police or broken the law?	adults do you have in your life?			
Yes No	0	1	2	3 or more

## **SEXUAL BEHAVIOR**

<b>30</b> . Have you ever	31. How old were you	32. How many	<b>33</b> . Has drinking	
had sexual	when you had sexual	people have you had	or using drugs	
intercourse?	intercourse for the first	sexual intercourse	ever led to having	
	time?	with?	sex?	
Yes No				
	☐ 11-13 yrs old	□ 1-2 people	Yes No	
(if you answered No then skip to question #39)	□ 14-16 yrs old	□ 3-4 people		
	□ 17 yrs or older	□ 5-6 people or more		

<b>34</b> . Do you use condoms when you	<b>35</b> . Do you use anything to prevent pregnancy?	<b>36</b> . What do you use?	<b>37.</b> Have you had sex in exchange
have sexual intercourse?	Yes No	Birth control pills Condoms IUD/implant	for drugs, money or gifts?
□ Never □ Rarely □ Sometimes □ Mostly □ Always	(if you answered No then skip to question #37)	Jnjection/Depo Withdrawal Other	Yes No

<b>38</b> . If you were diagnosed with a	<b>39</b> . Are you comfortable getting tested for sexually transmitted infections (STI's)/HIV?
sexually transmitted infection in the last 12 months,	Yes No; why not?
please mark which:  Chlamydia Gonorrhea Syphilis HIV Other (write what):	

# **NUTRITION & PHYSICAL ACTIVITY**Please check only ONE answer in each box.

Please check only ONE answer in each box.					
During the past 7 days, how often did you e	eat/drink				
40FRUITS?	41GREEN VEGETABLES?				
Examples: Apple, coconut, ging-gang,	Examples: Beans, cabbage, kangkung, okra,				
grapefruit, guava, orange, pandanus, papaya,	etc.				
pineapple, etc.					
	I did not eat any in the past 7 days (skip to				
I did not eat any in the past 7 days (skip to	next question)				
next question)	Mostly (5-7 days out of the week)				
Mostly (5-7 days out of the week)	Sometimes (3-4 days out of the week)				
Sometimes (3-4 days out of the week)	Rarely (0-2 days out of the week)				
Rarely (0-2 days out of the week)					
42LOCAL FOOD (grown)?	43fresh FISH and other "local meat"				
Examples: Breadfruit, "Honolulu," pumpkin,	(caught or raised)?				
sweet potato, tapioca, taro, unripe banana,	Examples: Tuna, crab, local pork/chickens,				
yam, etc.	etc.				
I did not eat any in the past 7 days (skip to	I did not eat any in the past 7 days (skip to				
next question)	next question)				
Mostly (5-7 days out of the week)	Mostly (5-7 days out of the week)				
Sometimes (3-4 days out of the week)	Sometimes (3-4 days out of the week)				
Rarely (0-2 days out of the week)	Rarely (0-2 days out of the week)				
44plain WATER and/or COCONUT?	45INSTANT RAMEN (dry or in a soup)?				
,					
I did not drink any in the past 7 days (skip	I did not eat any in the past 7 days (skip to				
to next question)	next question)				
Mostly (5-7 days out of the week)	Mostly (5-7 days out of the week)				
Sometimes (3-4 days out of the week)	Sometimes (3-4 days out of the week)				
Rarely (0-2 days out of the week)	Rarely (0-2 days out of the week)				
46COOKIES and/or CHIPS?	47FRIED FOODS?				
I did not eat any in the past 7 days (skip to	I did not eat any in the past 7 days (skip to				
next question)	next question)				
Mostly (5-7 days out of the week)	Mostly (5-7 days out of the week)				
Sometimes (3-4 days out of the week)	Sometimes (3-4 days out of the week)				
Rarely (0-2 days out of the week)	Rarely (0-2 days out of the week)				
48CANNED MEAT?	<b>49SODA/COLA</b> or sweetened drinks				
	(ICED TEA, KOOL-AID, FRUIT JUICE)?				
I did not eat any in the past 7 days (skip to					
next question)	I did not drink any in the past 7 days (skip				
Mostly (5-7 days out of the week)	to next question)				
Sometimes (3-4 days out of the week)	Mostly (5-7 days out of the week)				
	C				
Rarely (0-2 days out of the week)	Sometimes (3-4 days out of the week) Rarely (0-2 days out of the week)				

During the past 7 days,	
buring the past / days,	
50how often were you PHYSICALLY ACTIVE to the point where your heart rate was increased and you breathed hard? (Either in or out of school)  I was not physical active in the past 7 days (skip to next question) Mostly (5-7 days out of the week) Sometimes (3-4 days out of the week) Rarely (0-2 days out of the week)	51on school days, how often did you WATCH TV/MOVIES?  I did not watch any on school days in the past 7 days (skip to next question) Mostly (5-7 days out of the week) Sometimes (3-4 days out of the week) Rarely (0-2 days out of the week)
52on school days, how often did you PLAY VIDEO/COMPUTER GAMES OR USE A COMPUTER FOR SOMETHING OTHER THAN SCHOOL WORK?	53on school days, how many days do you go to PHYSICAL EDUCATION (PE) CLASSES?
Examples: Xbox, PlayStation, IPod, IPad, other tablet, smartphone, YouTube, Facebook, etc.  I did not play in any of the above ways on school days in the past 7 days (skip to next question)  Mostly (5-7 days out of the week)  Sometimes (3-4 days out of the week)  Rarely (0-2 days out of the week)	PE is not offered at my school (skip to next question) I did not attend any PE at school in the past 7 days (skip to next question) Mostly (5-7 days out of the week) Sometimes (3-4 days out of the week) Rarely (0-2 days out of the week)
54. Do you or would you like having PE classes at your school?  No Yes; what kind of activities do you like or want? Please list below:	55. During the past 12 months, how many types of sports were you a team member for? (Count any teams run by your school or community groups)  0 types (skip to next question) 1 type 2 types 3 or more types

56. What types of recreational activities are you interested in? (check all that apply) None  Community/cultural group Hobby group or club Athletics Religious group/church Volunteer organization Other organization	57. What types of recreational activities are you currently participating in? (check all that apply) None  Community/cultural group Hobby group or club Athletics Religious group/church Volunteer organization Other organization	58. How would you rate yourself in your academic performance?  Honor student (mostly A's) Above 3.0 (mostly A's and B's) 2.0 to 3.0 (mostly B's and C's, no F's) 1.0 to 2.0 (mostly C's and D's, some F's) Below 1.0 (some D's and mostly F's)	59. How comfortable was it for you to answer the questions in the survey?  Very comfortable Somewhat comfortable Somewhat uncomfortable Very uncomfortable	60. How truthful were you when answering the questions?  Very truthful Somewhat truthful Somewhat untruthful Very untruthful
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Please writ	e down any	comment	s about thi	is survey if	you nave a	any:

# -ENDTHANK YOU! YOUR ANSWERS WILL GUIDE THE WAY TO A BETTER FUTURE FOR ALL YOUTH IN YAP STATE.