



HBRFSS

Survey Shows...

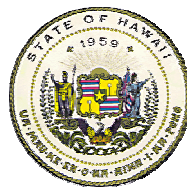
**The Hawaii Behavioral Risk Factor Surveillance System
Special Report**

Year 5 Issue 1

October 2007

Recent Tracking of Hawaii's Progress Toward Healthy People 2010 Derived from HBRFSS 2001-2006

Dung-Hanh Nguyen, B.Sc.
Florentina R. Salvail, M.Sc.



State of Hawaii

Acknowledgement

We would like to acknowledge the adult residents of Hawaii who voluntarily participated in the HBRFSS. Without their participation this report as well as other studies derived from HBRFSS would have not been made possible. We would also like to acknowledge the survey interviewers for their perseverance and dedication in on-going data gathering. Finally, we would also like to thank Dr. Chiyome Leinaala Fukino, Director of Health and Susan C. Jackson, Deputy Director of Health at DOH for their support.

About the Hawaii Behavioral Risk Factor Surveillance System (HBRFSS)

The HBRFSS is an ongoing land-based random telephone survey of randomly selected adult residents 18 years and older on behaviors that affects health directly and indirectly. The HBRFSS is funded by the Centers for Disease Control and Prevention (CDC) as part of the national Behavioral Risk Factor Surveillance System (BRFSS). The HBRFSS has been in operation since 1986. For more information about HBRFSS results, please visit the following website: <http://hawaii.gov/health/statistics/brfss/index.html>. If the information you are looking is not on the website, you may contact the state BRFSS coordinator via e-mail at brfsshi@doh.hawaii.gov or via phone at 808-586-4509.

This publication was supported by Grant/Cooperative Agreement Number U58/CCU922810-04 and U58/CCU922810-05 from CDC. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of CDC.



STATE OF HAWAII
DEPARTMENT OF HEALTH
P.O. BOX 3378
HONOLULU, HAWAII 96801-3378

In reply, please refer to:
File:

ALOHA FROM THE DIRECTOR

The State Department of Health is pleased to present this report *Recent Tracking Hawaii's Progress Toward Healthy People 2010 Derived from HBRFSS 2001-2006*.

Healthy People 2010 is a set of national health objectives designed to identify the most significant preventable threats to health and to establish national goals to reduce these threats by year 2010.

The Hawaii Behavioral Risk Factor Surveillance System (HBRFSS) provides indicators that cover ten health areas and thirty Healthy People 2010 objectives for the calendar years 2001 to 2006. This report is an important resource for the planning, evaluation and implementation of health programs that promote quality of life and prevent premature death or disability, particularly among certain segments of Hawaii residents.

This report would have not been made possible without the survey participation of the people of Hawaii. Together we can work for a healthy Hawaii.

Sincerely,

Chiyome Leinaala Fukino, M.D.
Director of Health

List of Contents

Executive Summary

Introduction

Detail Topic Areas (highlights, at state level, at smaller community level categorized by gender, by ethnicity, by low income, by less education, and by county)

- Access to Quality Health Services
- Cancer
- Diabetes
- Heart Disease and Stroke
- Immunization
- Nutrition and Overweight
- Oral Health
- Physical activity
- Substance Abuse
- Tobacco Use

Appendix A: List of Objectives, Questions and Variables used

Appendix B: List of Age Distribution and weights used in age-adjustment

Appendix C: Poverty Thresholds 2006

References

Executive Summary

In many of the HP2010 objectives tracked in this report for the adult residents of the state, what resonates are the following:

1. Hawaiians/Part-Hawaiians followed closely by Filipinos are far from meeting the HP2010 objectives.
2. Adults who are in low income households or adults who did not finish high school education are also failing to meet many of the objectives.
3. Adults in Hawaii, Kauai, and Maui County are far behind from those in Honolulu County in terms of having health insurance, having source of ongoing care, having blood cholesterol check within 5 years, annually visiting dentist or dental clinic, annually having flu vaccination, and reducing the rate of smoking.
4. Most adults in the state fail to consume the recommended daily servings of fruits and vegetables in order for the state to meet the HP2010 objectives on nutrition.
5. Women are trailing behind the objectives for pap smear and mammogram especially those with low income household.

Readers who want to see the numerical results without going through the entire report are invited to read the highlight sections.

INTRODUCTION

1. PURPOSE

December 2003 saw the introduction of version 1 of “TRACKING HAWAII PROGRESS TOWARD HEALTHY PEOPLE 2010 MEASURE FROM HBRFSS” which featured five years of statistical data from 1998 to 2002. This report is an update with new 6 year data from 2001 to 2006 taking into account the changes made in the Healthy People 2010 Midcourse Review in 2006 (www.healthypeople.gov/data/midcourse/)¹.

As was the case for its predecessor, the purpose of this report is to serve as a reference data book in order to assist program managers and policy makers in decision-making, planning and evaluation of activities and other services. It is hope that providing them with six year results of Healthy People 2010² (HP2010) objective goals as measured by the Hawaii Behavioral Risk Factor Surveillance System (HBRFSS) will help the health programs achieve their targeted results.

This report is alignment with HP2010 twin goals. The two overarching goals of HP2010 are to increase the quality and years of healthy life and to eliminate health disparities among Americans. To accomplish these aims, it has established a set of corresponding national targets that apply to diverse populations. These populations can be categorized into sub-groups such as county, gender, race or ethnicity, education, and income. Along these lines, this report will present weighted rates and age-adjusted rates for the entire state as well as for the population sub-groups. The age-adjusted rates are presented to be comparable with the HP2010 goal rates, which were age-adjusted based on US 2000 standard population and to compensate for age structure differences among subgroup populations.

¹The objectives in the midcourse review that are used in this report are listed in Appendix A.

² “Healthy People 2010” challenges individuals, communities, and professionals—indeed, all of us— to take specific steps to ensure that good health, as well as long life, are enjoyed by all. (<http://www.healthypeople.gov/>)

“Healthy People 2010” provides a framework for prevention for the Nation. It is a statement of national health objectives designed to identify the most significant preventable threats to health and to establish national goals to reduce these threats (<http://www.healthypeople.gov/About/>). It covers 28 focus areas with 467 specific objectives. Most of the objectives are quantifiable and measurable over time.

With less than four year to go till 2010, it is time to look back and see where we are in terms of HP2010 goals and objectives. The data from Hawaii Behavioral Risk Factor Surveillance allow us to assess our progress towards achieving the 32 objectives within 10 areas or topics. These 10 areas or topics are:

- Access to Quality Health Services
- Cancer
- Diabetes
- Heart Disease and Stroke
- Immunization
- Nutrition and Overweight
- Oral Health
- Physical Activity
- Substance Abuse
- Tobacco Use

2. SOME SPECIFIC TERMS IN THIS REPORT AND CHANGES FROM PREVIOUS REPORT

In grouping subpopulations within the state, the terms *ethnicity*, *less education* and *low income* are defined as follows:

Ethnicity: self-reported ethnicity/race of respondents.

Less education: confined to adults aged 25 years and older who have not completed High School.

There is a change from the previous report in defining the term “*low-income household*” or “*low income*”.

Based on the Poverty Thresholds issued by The Census Bureau every year, which can be found at: www.census.gov/hhes/www/poverty/threshld.html, and based on characteristics of our state as well as the existing detail in our data, the term “low-income” is defined as:

Low-income: Household income less than \$10,000, or
Household income from \$10,000 to less than \$15,000 and (number of adults + number of children) \geq 2, or
Household income from \$15,000 to less than \$20,000 and (number of adults + number of children) \geq 3, or
Household income from \$20,000 to less than \$25,000 and (number of adults + number of children) \geq 4, or
Household income from \$25,000 to less than \$35,000 and (number of adults + number of children) \geq 6, or
Household income from \$35,000 to less than \$50,000 and (number of adults + number of children) \geq 8.

3. FORMAT OF PRESENTATION

The main body of this report is presented in the following way: For each topic objectives, *summary highlights* are presented at the beginning of each topic objectives. This is followed by the prevalence rate available for each objective within the topic at the state level, followed by the *supplements*. These *supplements* are prevalence rates for sub-populations categorized by gender, ethnicity, household income, education and county.

The denominators of percentages presented in this report **include** responses of the type “Do Not Know” or “Refused” which means that once a question was asked, it was counted and included in the tabulation. The inclusion of ‘Do Not Know’ or ‘Refused’ in the denominator follows the definition of HP2010 for the denominator.

Note that **not** every objective at the state level and in the supplements has six data points representing the years 2001 to 2006. The exclusion of data for a year may be due to the following:

- 1) Questions related to the objective were not asked during the survey year.
- 2) The denominator sample size is less than 50. This exclusion follows the BRFSS protocol (Healthy People 2010 Statistical Notes, Number 24: Healthy People 2010 Criteria for Data Suppression [www.cdc.gov/nchs/data/statnt/statnt24.pdf]).

For each objective, the proportion is presented with weighted percentage and age-adjusted percentage **except** two objectives 21.3 and 21.4 in Oral Health areas. Age-adjustment was not done for these objectives because they are applied for specific age groups of “35 to 44” and “65 to 74”. **The *summary highlights* are presented with the age-adjusted percentage.**

4. NOTES

In measuring HP2010 objectives and goals, adherence to HP2010 definition prescribed in volume I and volume II of HP2010 was followed as much as possible. However, the reader is being cautioned that not all the HBRFSS variables or questions used in measuring HP2010 objectives and goals are 100% comparable with the prescribed HP2010 definition but are close alternatives. The HBRFSS questions and variables used can be found in Appendix A. The age distribution used for age-adjusted rates can be found in Appendix B. The Poverty Thresholds for 2006 can be found in Appendix C.

ACCESS TO QUALITY HEALTH SERVICE

Our HBRFSS data allow us to track two objectives in this area:

Objective 1.1: Increase the proportion of persons under age 65 years with health insurance to **100%**.

Question used to obtain the data:

Do you have any kind of health care coverage, including health insurance, prepaid plans such as HMOs, or government plan such as Medicare?

According to HBRFSS, in 2006 89.7% of Hawaii residents aged 18 to 64 have health insurance. In reference to the national baseline of 83% in 1997, the Progress Quotient of our state is 39.4% ($[(89.7-83)*100]/[100-83]$). However, the following graph shows that we have declined a little since 2001 (Figure 1a) thus being farther from achieving this objective.

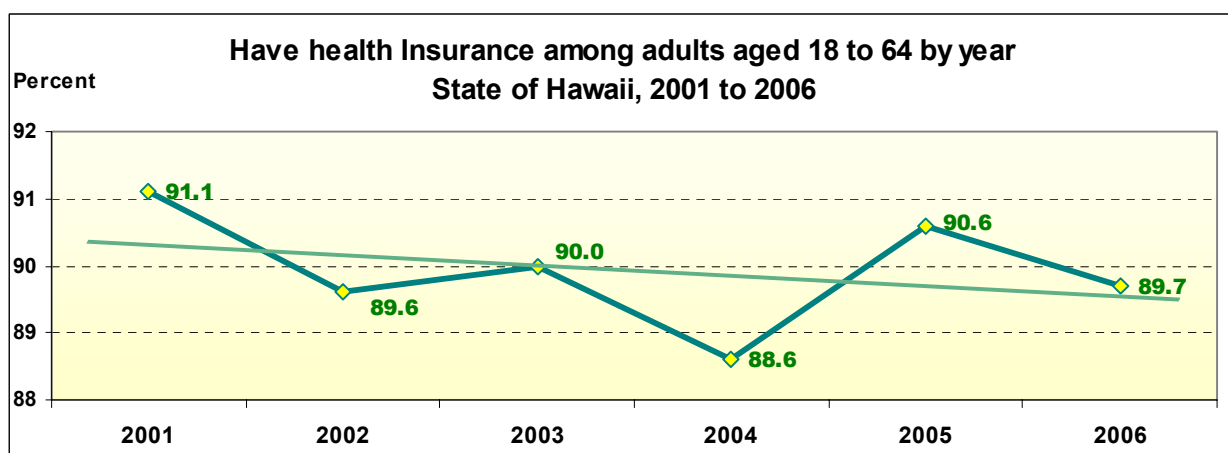


Fig.1a

In addition, there still exist disparities among some groups in the population.

- Figure 1b shows that there is a big gap in “Having health insurance” between people in low-income households and in better income households.

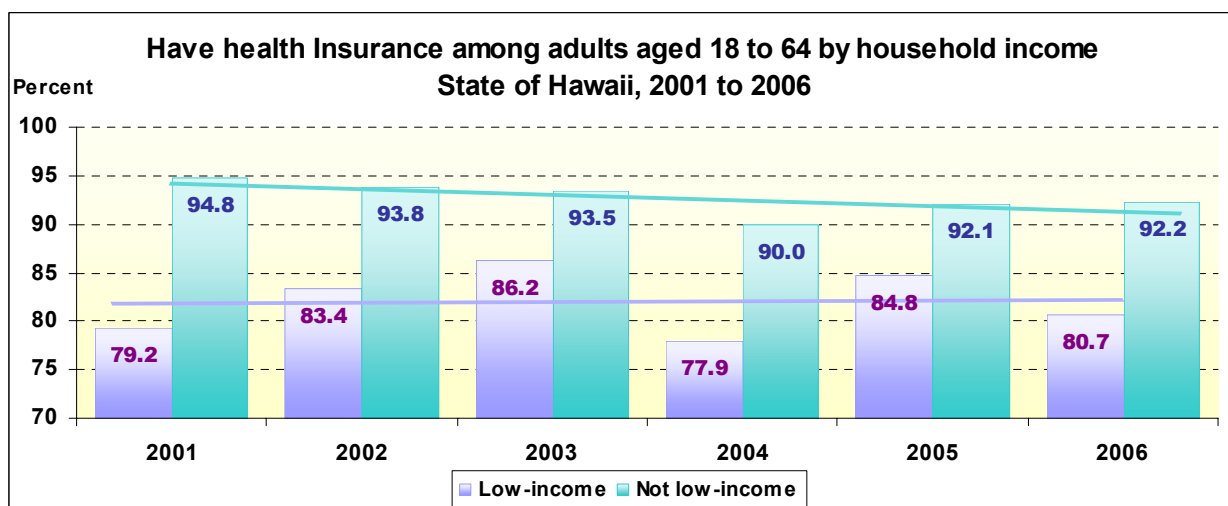


Fig. 1b

- The gap in health care coverage among those with less than high school education and those with more education narrowed over the six year period (Figure 1c).

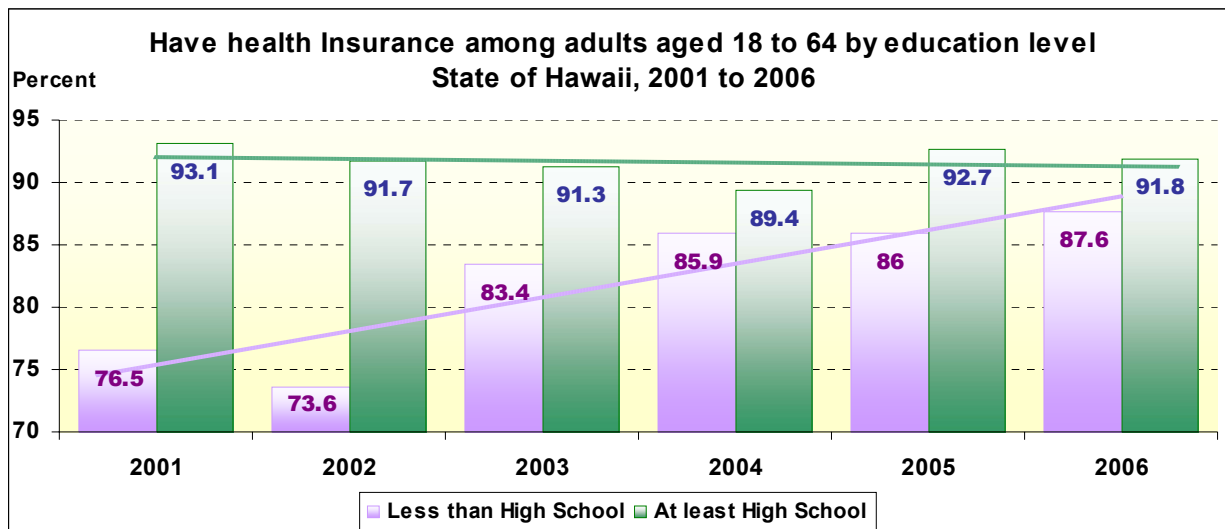


Fig. 1c

- Among four major groups of ethnicity, Japanese have the highest percentage of having health insurance in recent years. In 2006, Hawaiians have the lowest rate. However, based on 6-year data, the rate of having health insurance among Hawaiians is going up a bit, while those for other groups seem to be going down (Figure 1d).

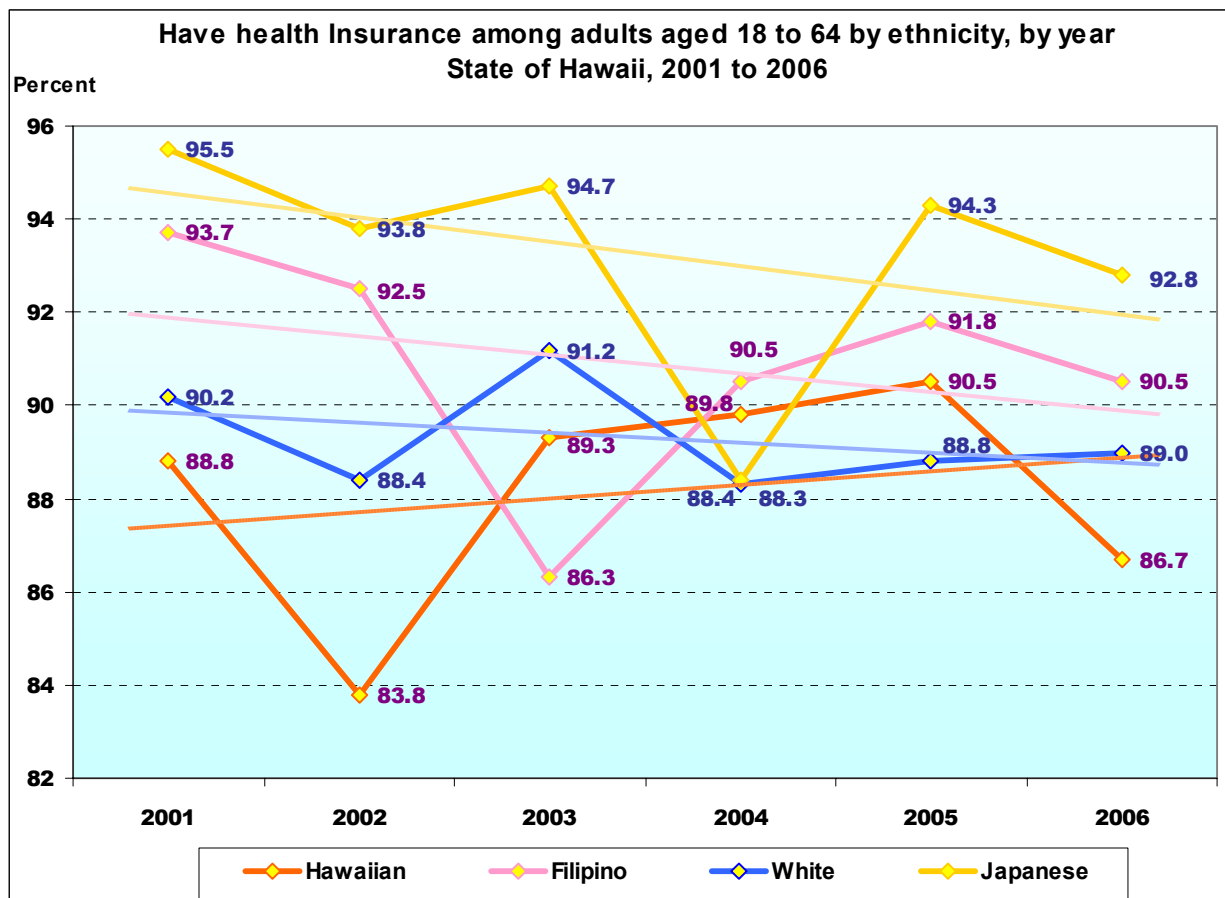


Fig. 1d

- By county, Honolulu has been the best in this measure and had significant differences with Hawaii, Kauai, and Maui County in every year from 2001 to 2006 (Figure 1.e).

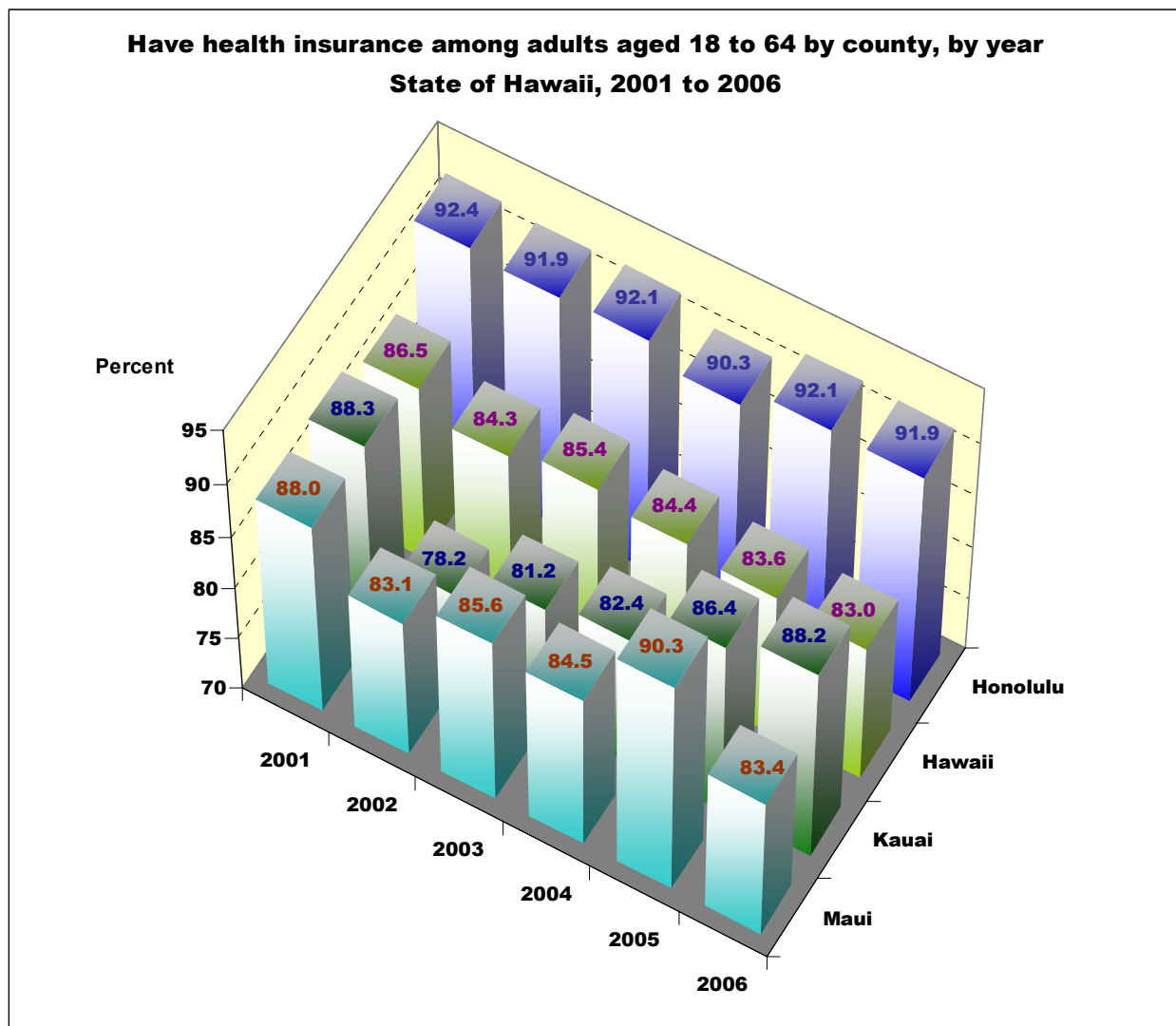


Fig. 1e

Objective 1.4c: Increase the proportion of adults aged 18 years and older who have a specific source of ongoing care to 96%

Question used to obtain the data:

Do you have one person [or more than one] you think of as your personal doctor or health care provider?

The proportion of adults with personal health care provider or doctor increased over the six-year period. Although the pattern is increasing it is still far from the objective (Figure 1f). Women have a higher proportion than men in every year.

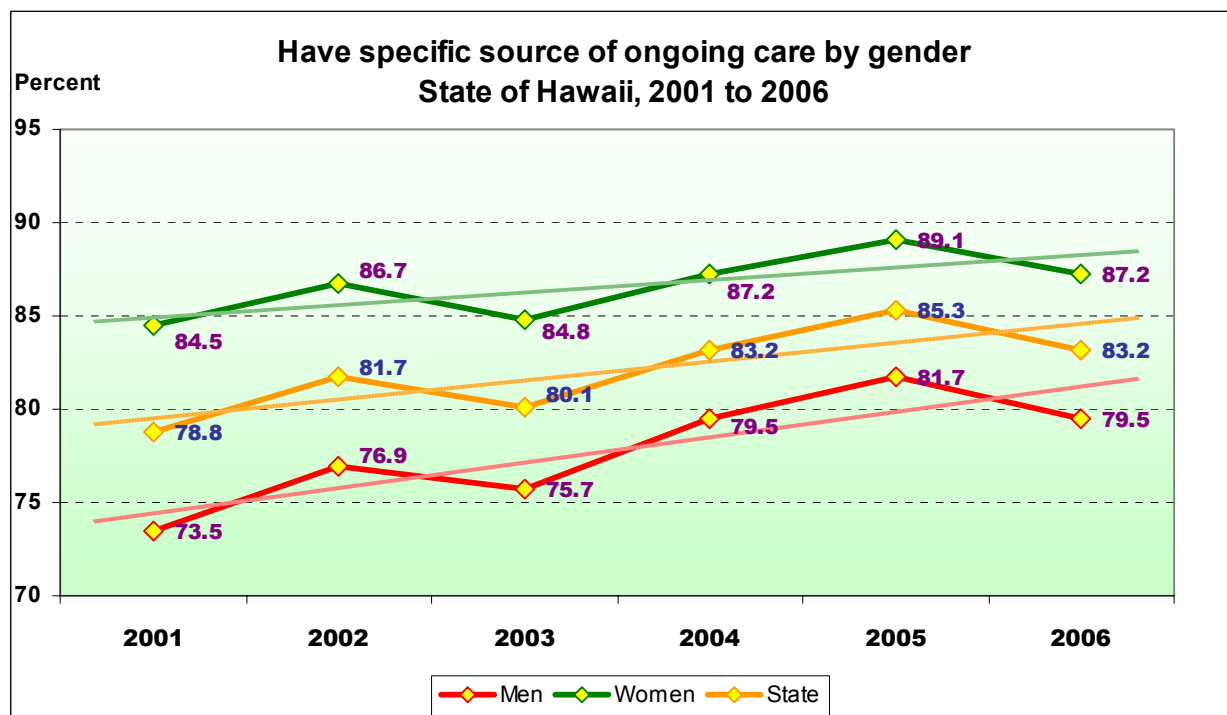


Fig. 1f

By county, Maui has been far below others since 2001 (Figure 1g)

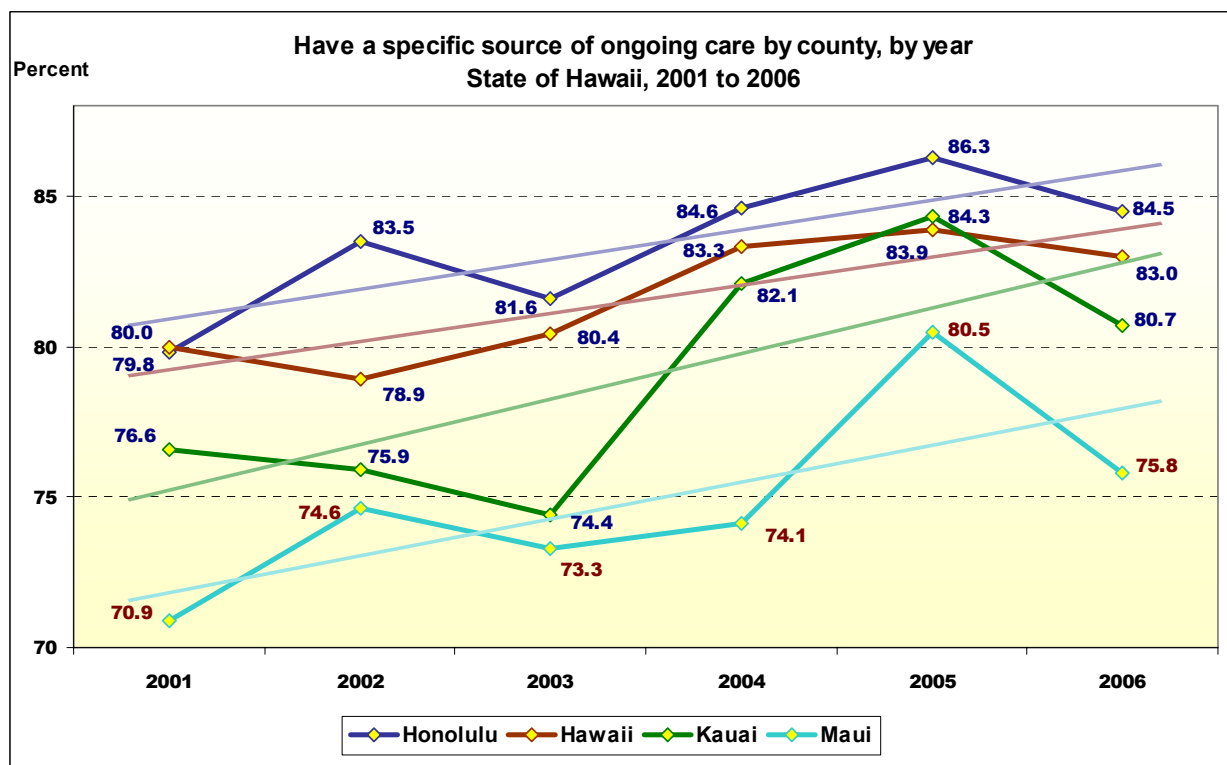
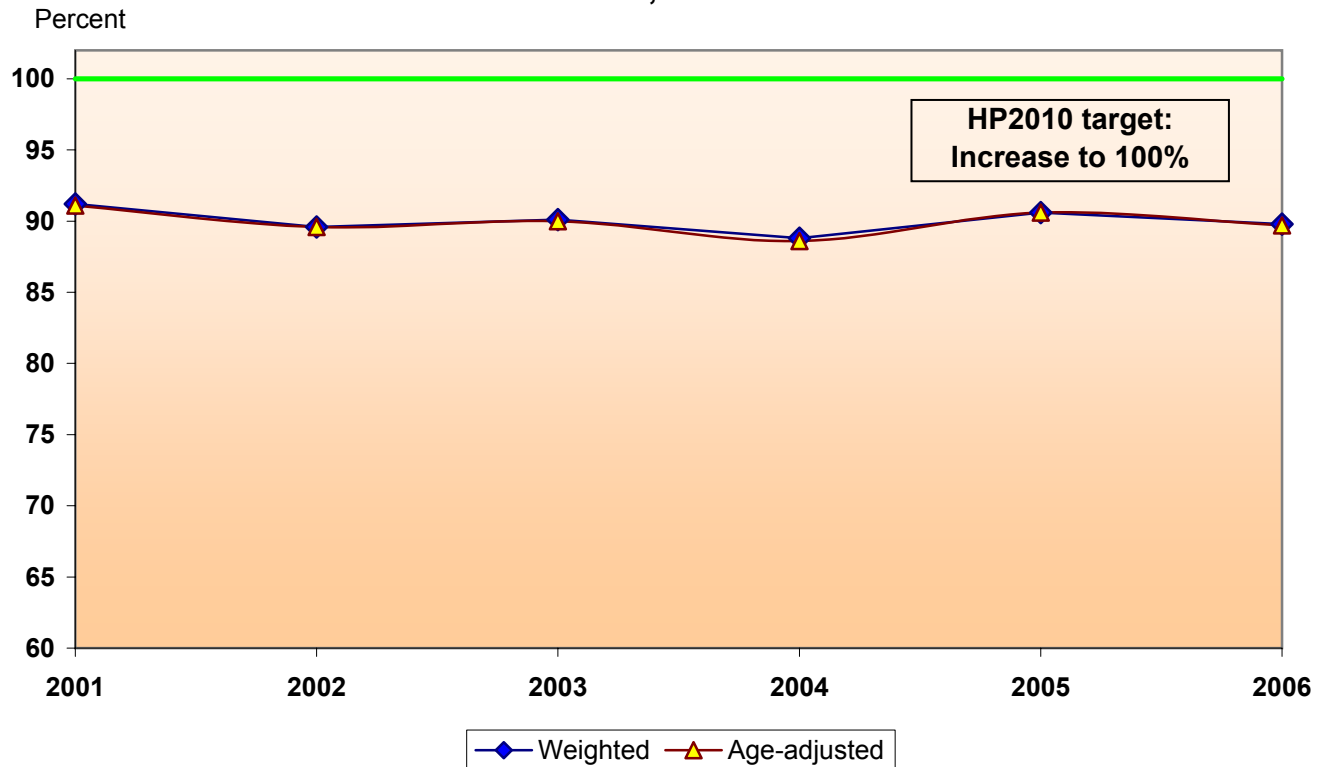


Fig. 1g

OBJECTIVE 1-1

Percent of adults, aged 18 to 64, who have health insurance Hawaii, 2001-2006

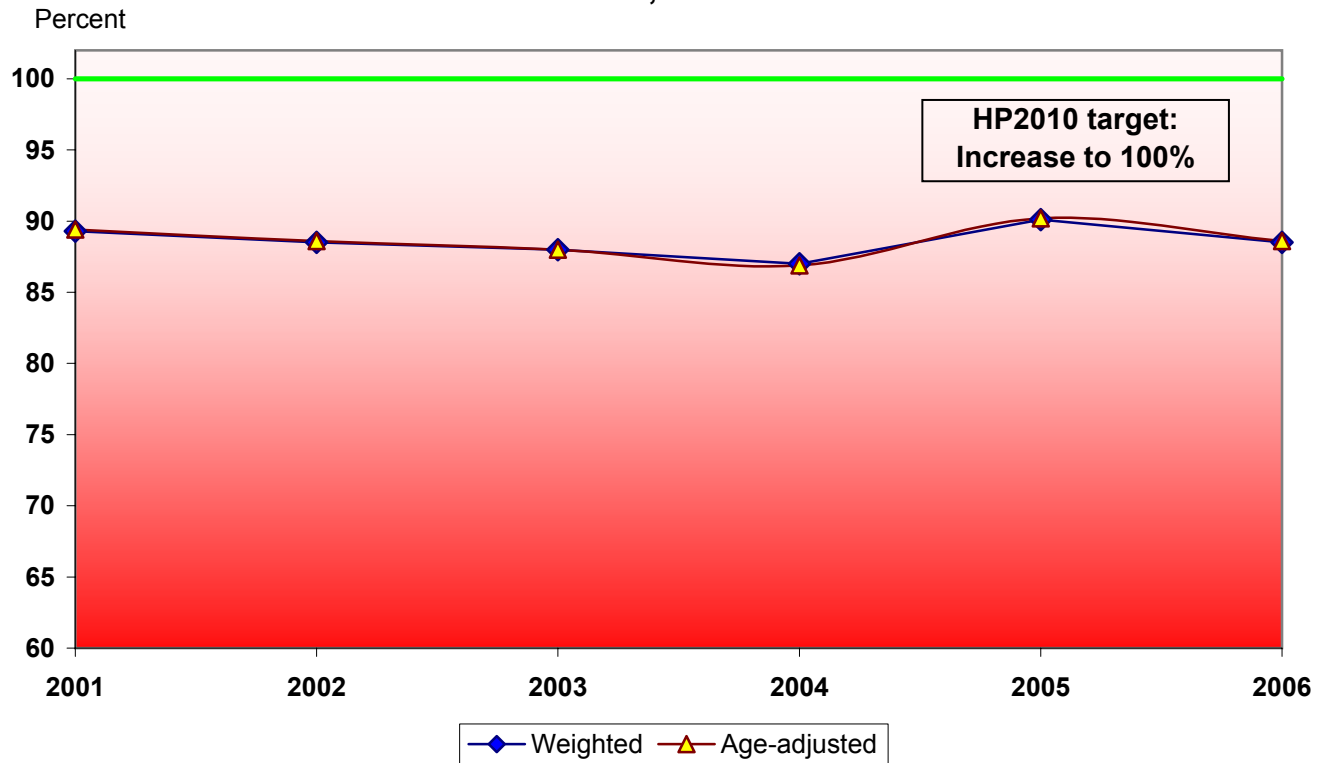


YEAR	2001	2002	2003	2004	2005	2006
Sample size	3681	4751	3456	1742	4945	5050
Have Health Insurance	3322	4240	3096	1525	4460	4557
Weight percentage	91.2	89.6	90.1	88.8	90.6	89.8
95% C.I.	(89.8 - 92.4)	(88.4 - 90.7)	(88.7 - 91.3)	(86.5 - 90.7)	89.4 - 91.7)	(88.4 - 91.0)
Age-adjusted percentage	91.1	89.6	90.0	88.6	90.6	89.7
95% C.I.	(89.7 - 92.3)	(88.4 - 90.7)	(88.6 - 91.3)	(86.3 - 90.6)	(89.4 - 91.7)	(88.3 - 90.9)
GOAL (%)	100	100	100	100	100	100

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-1/ SUPPLEMENT 1

**Percent of men, aged 18 to 64, who have health insurance
Hawaii, 2001-2006**

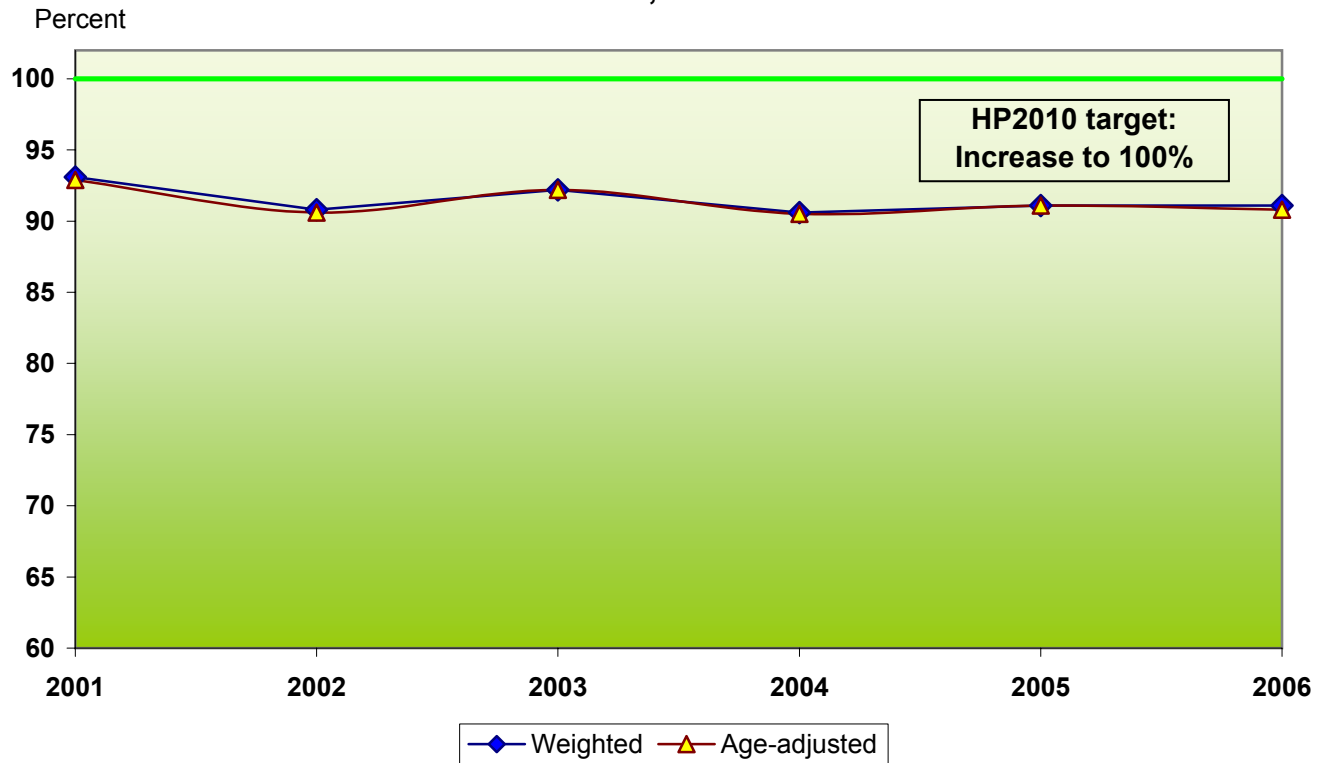


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1626	2120	1436	704	2022	2171
Have Health Insurance	1439	1853	1254	598	1817	1921
Weight percentage	89.3	88.5	88.0	87.0	90.1	88.5
95% C.I.	(87.0 - 91.3)	(86.6 - 90.1)	(85.6 - 90.0)	(83.4 - 89.9)	(88.1 - 91.8)	(86.4 - 90.4)
Age-adjusted percentage	89.4	88.6	88.0	86.9	90.2	88.6
95% C.I.	(87.1 - 91.3)	(86.8 - 90.2)	(85.7 - 90.0)	(83.2 - 89.9)	(88.3 - 91.8)	(86.5 - 90.4)
GOAL (%)	100	100	100	100	100	100

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-1/ SUPPLEMENT 2

**Percent of women, aged 18 to 64, who have health insurance
Hawaii, 2001-2006**

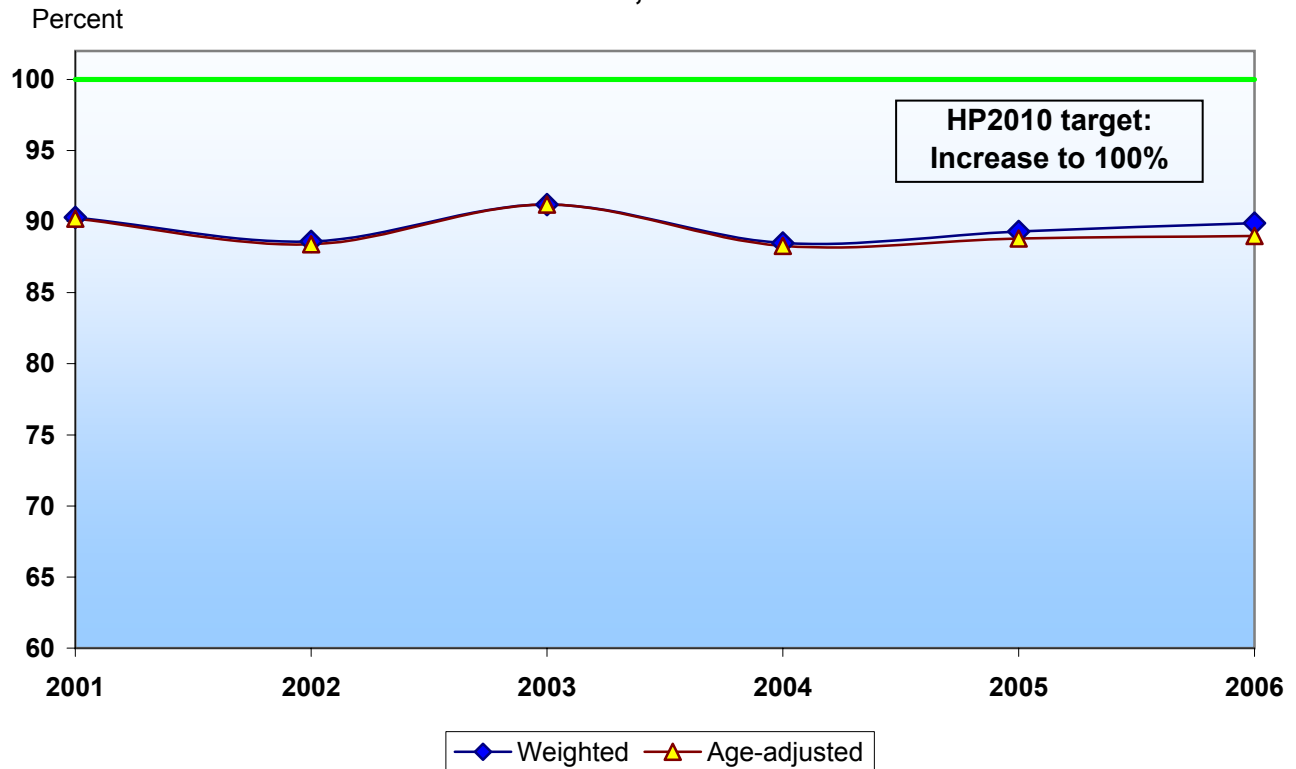


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2055	2631	2020	1038	2923	2879
Have Health Insurance	1883	2387	1842	927	2643	2636
Weight percentage	93.1	90.8	92.2	90.6	91.1	91.1
95% C.I.	(91.6 - 94.4)	(89.2 - 92.1)	(90.7 - 93.5)	(87.5 - 93.0)	(89.6 - 92.4)	(89.3 - 92.6)
Age-adjusted percentage	92.9	90.6	92.2	90.5	91.1	90.8
95% C.I.	(91.2 - 94.2)	(89.0 - 92.0)	(90.7 - 93.5)	(87.4 - 92.9)	(89.6 - 92.4)	(89.0 - 92.4)
GOAL (%)	100	100	100	100	100	100

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-1/ SUPPLEMENT 3

**Percent of White adults, aged 18 to 64, who have health insurance
Hawaii, 2001-2006**

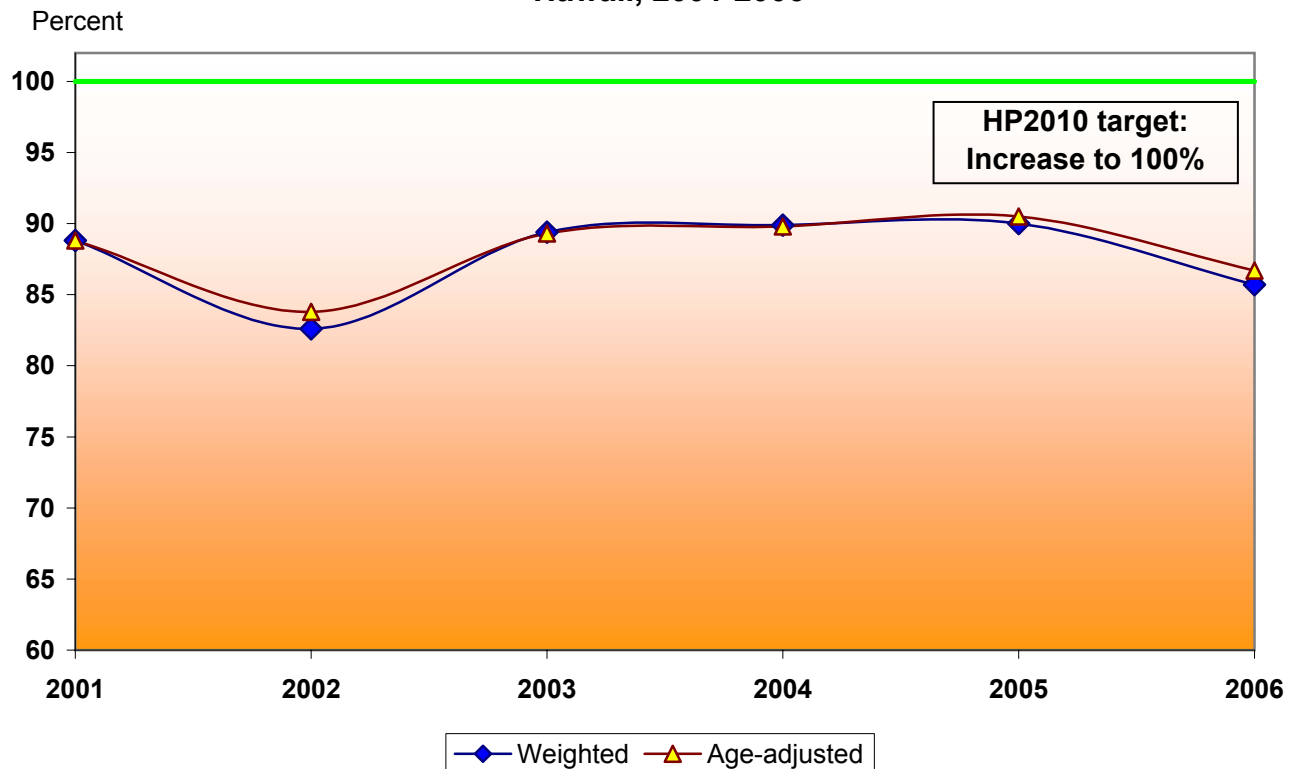


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1567	2038	1345	695	2144	2152
Have Health Insurance	1374	1783	1198	591	1894	1914
Weight percentage	90.3	88.6	91.2	88.5	89.3	89.9
95% C.I.	(88.3 - 92.0)	(86.7 - 90.2)	(89.2 - 92.8)	(85.1 - 91.2)	(87.2 - 91.0)	(87.9 - 91.5)
Age-adjusted percentage	90.2	88.4	91.2	88.3	88.8	89.0
95% C.I.	(88.0 - 92.0)	(86.5 - 90.1)	(89.2 - 92.8)	(84.5 - 91.2)	(86.6 - 90.7)	(86.7 - 91.0)
GOAL (%)	100	100	100	100	100	100

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-1/ SUPPLEMENT 4

**Percent of Hawaiians, aged 18 to 64, who have health insurance
Hawaii, 2001-2006**

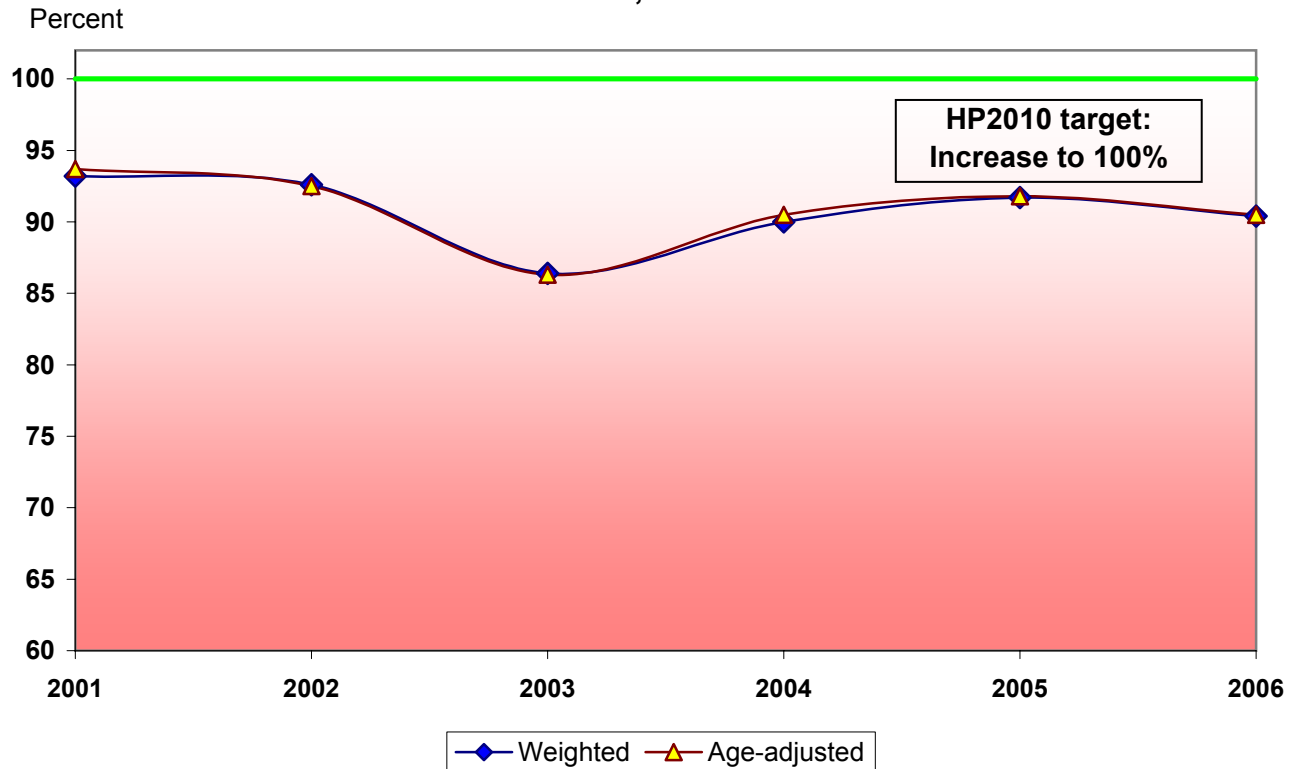


YEAR	2001	2002	2003	2004	2005	2006
Sample size	508	660	519	313	641	640
Have Health Insurance	460	565	465	280	577	570
Weight percentage	88.8	82.6	89.4	89.9	90.0	85.7
95% C.I.	(84.1 - 92.2)	(77.9 - 86.4)	(85.4 - 92.4)	(83.8 - 93.9)	(86.1 - 93.0)	(80.5 - 89.7)
Age-adjusted percentage	88.8	83.8	89.3	89.8	90.5	86.7
95% C.I.	(84.0 - 92.3)	(79.8 - 87.2)	(85.4 - 92.3)	(83.7 - 93.7)	(87.0 - 93.2)	(82.3 - 90.2)
GOAL (%)	100	100	100	100	100	100

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-1/ SUPPLEMENT 5

**Percent of Filipinos, aged 18 to 64, who have health insurance
Hawaii, 2001-2006**

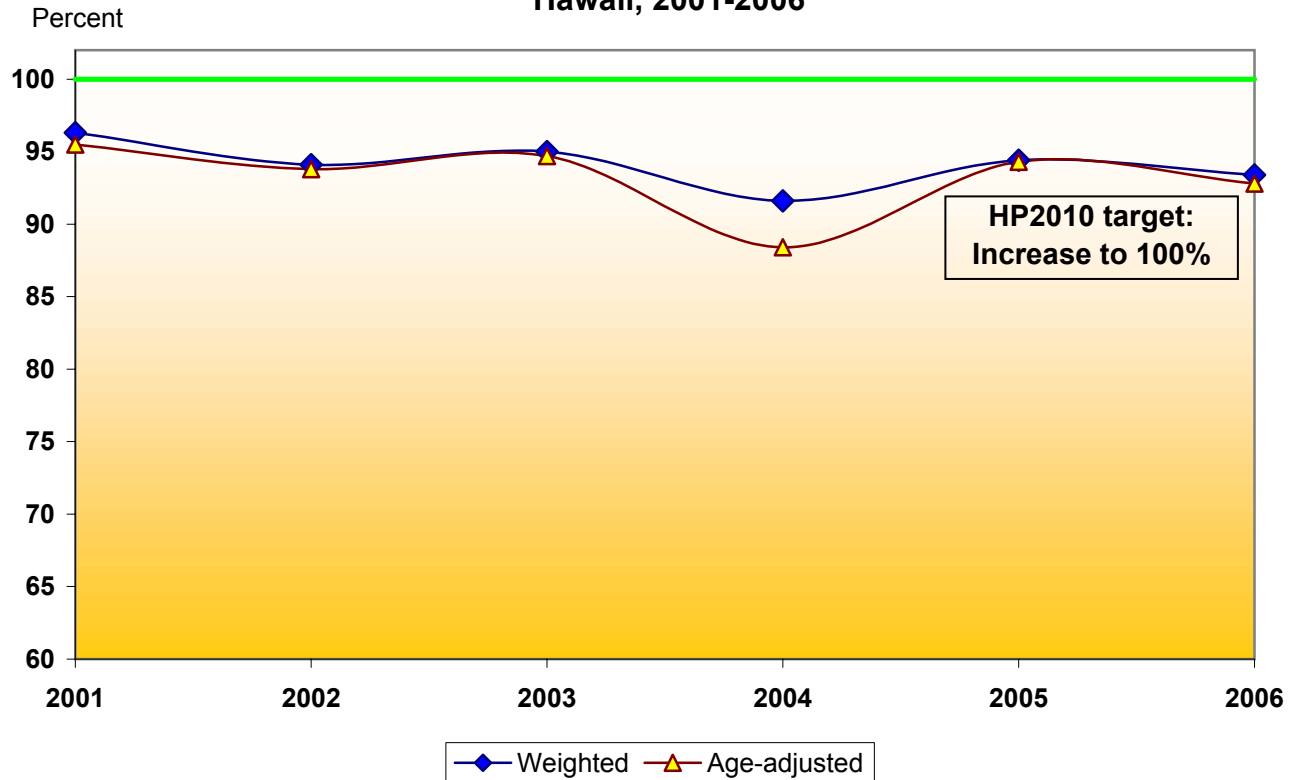


YEAR	2001	2002	2003	2004	2005	2006
Sample size	467	640	423	229	663	678
Have Health Insurance	436	588	372	208	610	620
Weight percentage	93.2	92.6	86.4	90.0	91.7	90.4
95% C.I.	(88.9 - 95.9)	(89.7 - 94.7)	(81.1 - 90.4)	(82.0 - 94.7)	(88.3 - 94.2)	(86.3 - 93.3)
Age-adjusted percentage	93.7	92.5	86.3	90.5	91.8	90.5
95% C.I.	(89.8 - 96.1)	(89.5 - 94.7)	(81.1 - 90.3)	(83.3 - 94.8)	(88.5 - 94.3)	(86.6 - 93.4)
GOAL (%)	100	100	100	100	100	100

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-1/ SUPPLEMENT 6

**Percent of Japanese, aged 18 to 64, who have health insurance
Hawaii, 2001-2006**

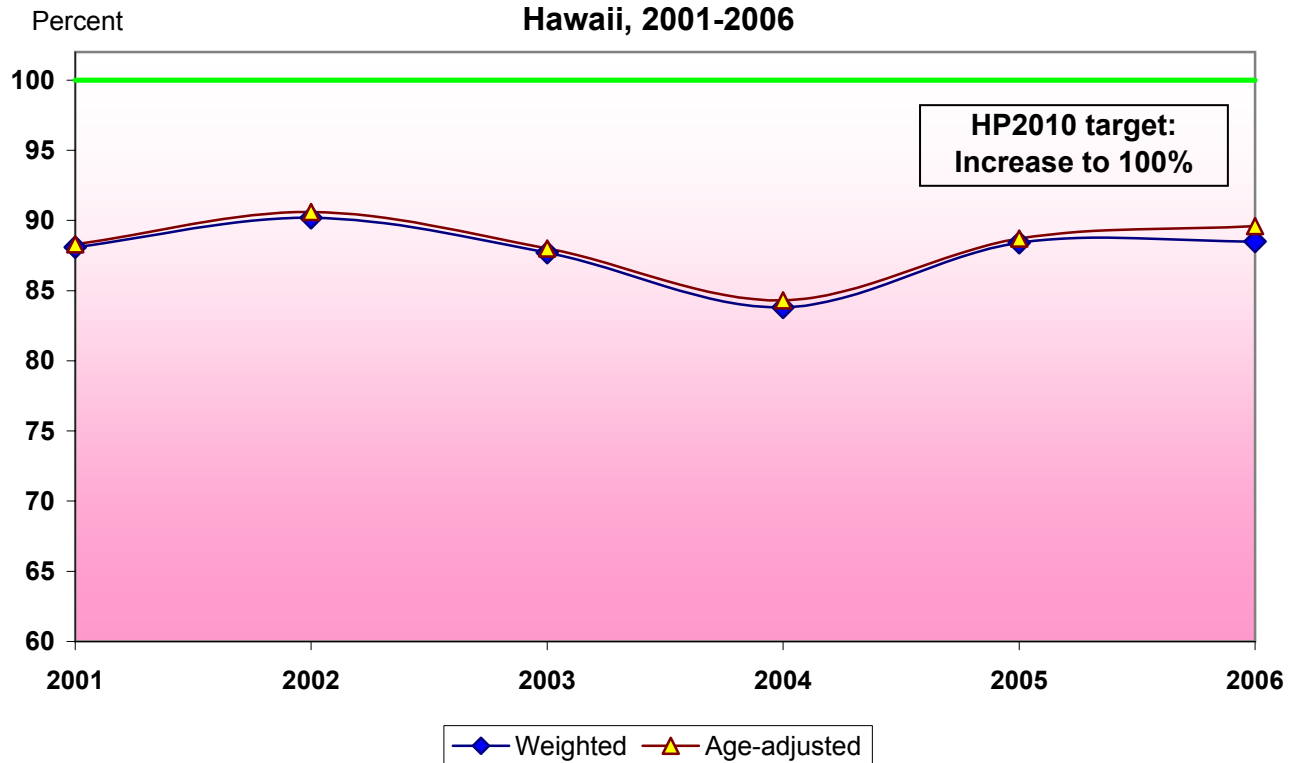


YEAR	2001	2002	2003	2004	2005	2006
Sample size	590	738	501	299	798	801
Have Health Insurance	567	700	475	276	758	760
Weight percentage	96.3	94.1	95.0	91.6	94.4	93.4
95% C.I.	(93.4 - 97.9)	(91.3 - 96.0)	(92.1 - 96.9)	(86.0 - 95.2)	(91.8 - 96.2)	(90.5 - 95.5)
Age-adjusted percentage	95.5	93.8	94.7	88.4	94.3	92.8
95% C.I.	(91.7 - 97.6)	(91.0 - 95.8)	(91.5 - 96.7)	(80.2 - 93.5)	(91.6 - 96.2)	(89.4 - 95.2)
GOAL (%)	100	100	100	100	100	100

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-1/ SUPPLEMENT 7

**Percent of adults of other races, aged 18 to 64,
who have health insurance
Hawaii, 2001-2006**

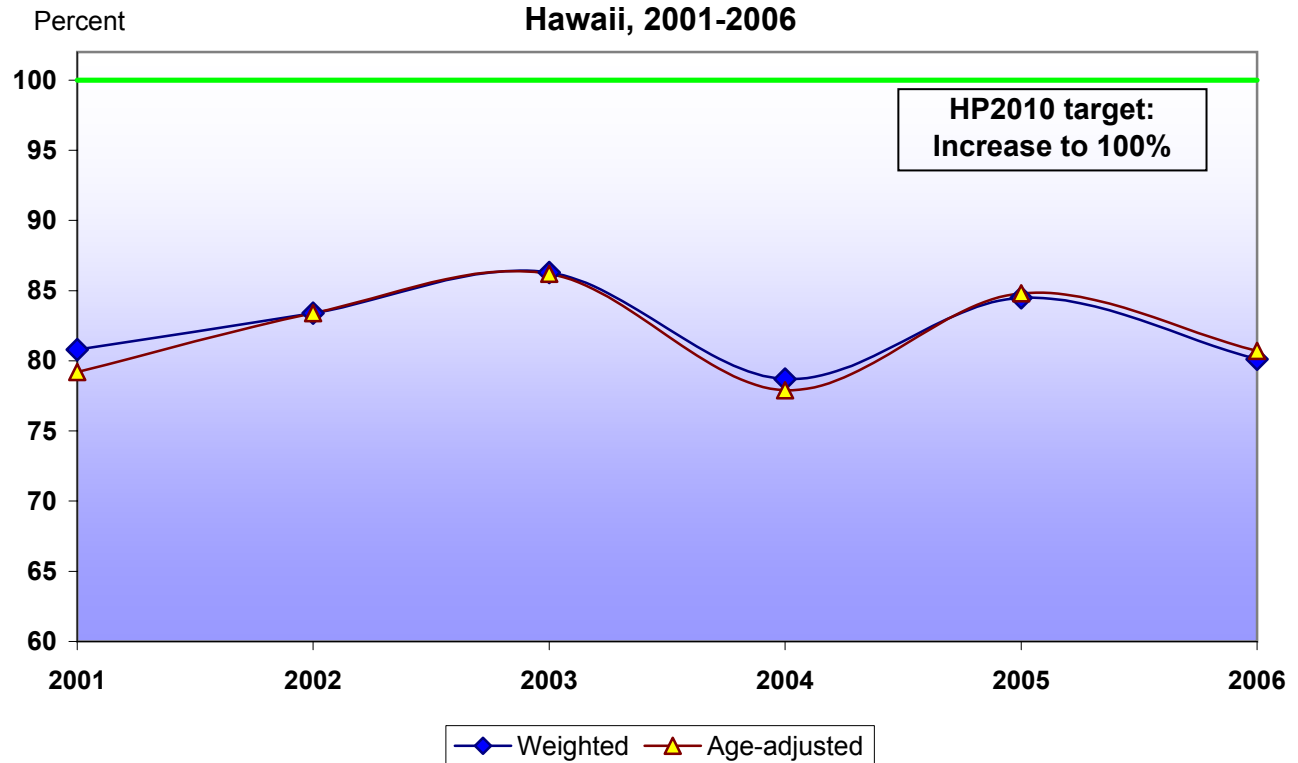


YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	675	668	206	699	779
Have Health Insurance	485	604	586	170	621	693
Weight percentage	88.1	90.2	87.7	83.8	88.4	88.5
95% C.I.	(83.8 - 91.4)	(86.9 - 92.7)	(84.2 - 90.6)	(76.2 - 89.3)	(84.8 - 91.2)	(84.4 - 91.6)
Age-adjusted percentage	88.3	90.6	88.0	84.3	88.7	89.6
95% C.I.	(84.2 - 91.4)	(87.5 - 93.0)	(84.6 - 90.7)	(77.0 - 89.6)	(85.4 - 91.4)	(86.4 - 92.1)
GOAL (%)	100	100	100	100	100	100

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-1/ SUPPLEMENT 8

Percent of adults, aged 18 to 64, in low income households, who have health insurance

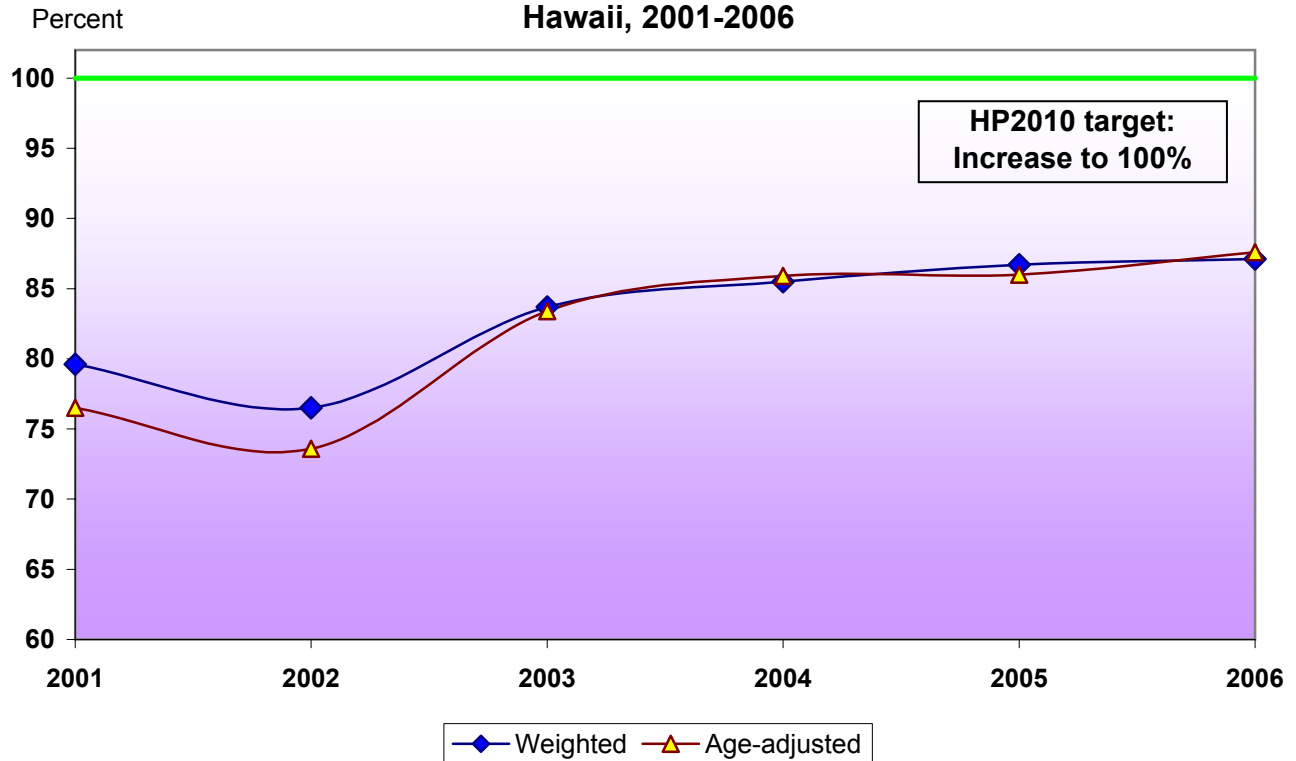


YEAR	2001	2002	2003	2004	2005	2006
Sample size	447	563	467	201	546	573
Have Health Insurance	356	463	394	158	455	467
Weight percentage	80.8	83.4	86.3	78.7	84.5	80.1
95% C.I.	(75.0 - 85.6)	(79.1 - 87.0)	(81.9 - 89.8)	(69.0 - 86.0)	(79.8 - 88.3)	(74.2 - 85.0)
Age-adjusted percentage	79.2	83.4	86.2	77.9	84.8	80.7
95% C.I.	(72.8 - 84.4)	(79.0 - 87.0)	(82.2 - 89.5)	(68.2 - 85.2)	(80.3 - 88.4)	(75.2 - 85.2)
GOAL (%)	100	100	100	100	100	100

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-1/ SUPPLEMENT 9

**Percent of adults, aged 25 to 64, with less education,
who have health insurance
Hawaii, 2001-2006**

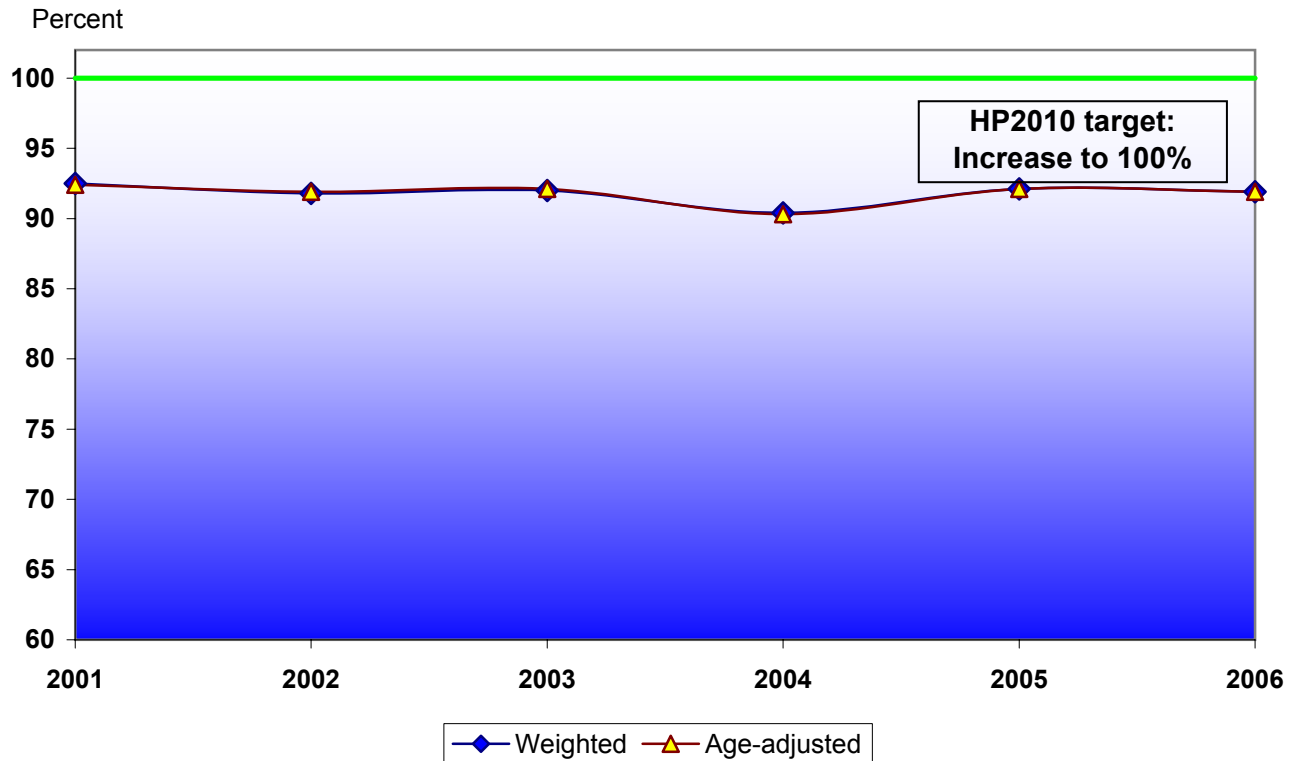


YEAR	2001	2002	2003	2004	2005	2006
Sample size	124	156	109	51	172	189
Have Health Insurance	103	122	91	42	144	163
Weight percentage	79.6	76.5	83.7	85.5	86.7	87.1
95% C.I.	(67.9 - 87.8)	(66.7 - 84.1)	(71.1 - 91.5)	(68.3 - 94.2)	(78.8 - 91.9)	(76.1 - 93.5)
Age-adjusted percentage	76.5	73.6	83.4	85.9	86.0	87.6
95% C.I.	(65.2 - 85.0)	(63.0 - 82.0)	(71.4 - 90.9)	(69.4 - 94.3)	(76.8 - 92.0)	(77.9 - 93.4)
GOAL (%)	100	100	100	100	100	100

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-1/ SUPPLEMENT 10

Percent of adults, aged 18 to 64, who have health insurance
Honolulu county, Hawaii, 2001-2006

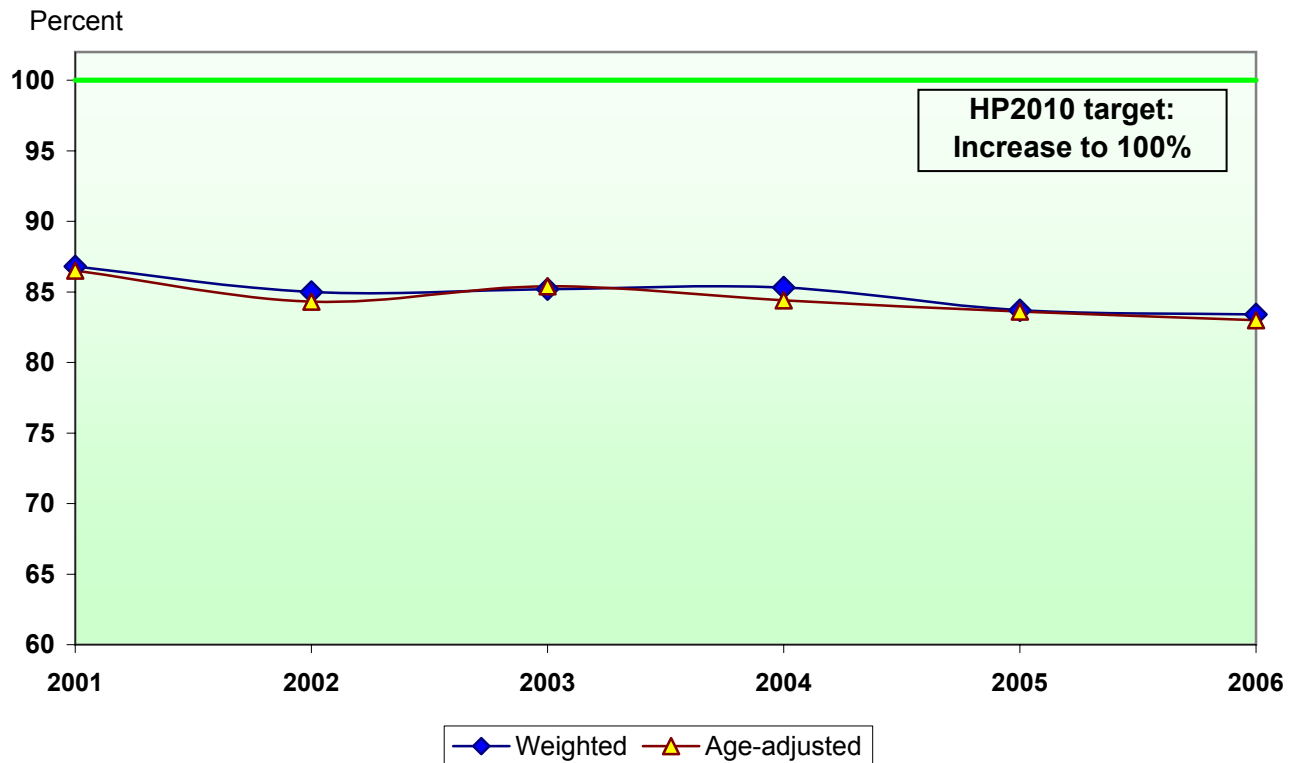


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1559	2220	1776	741	2243	2274
Have Health Insurance	1457	2055	1647	682	2086	2135
Weight percentage	92.5	91.8	92.0	90.4	92.1	91.9
95% C.I.	(90.6 - 93.9)	(90.3 - 93.1)	(90.3 - 93.5)	(87.3 - 92.8)	(90.5 - 93.4)	(90.1 - 93.4)
Age-adjusted percentage	92.4	91.9	92.1	90.3	92.1	91.9
95% C.I.	(90.6 - 93.9)	(90.4 - 93.2)	(90.3 - 93.5)	(87.3 - 92.7)	(90.6 - 93.4)	(90.1 - 93.4)
GOAL (%)	100	100	100	100	100	100

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-1/ SUPPLEMENT 11

Percent of adults, aged 18 to 64, who have health insurance
Hawaii county, Hawaii, 2001-2006

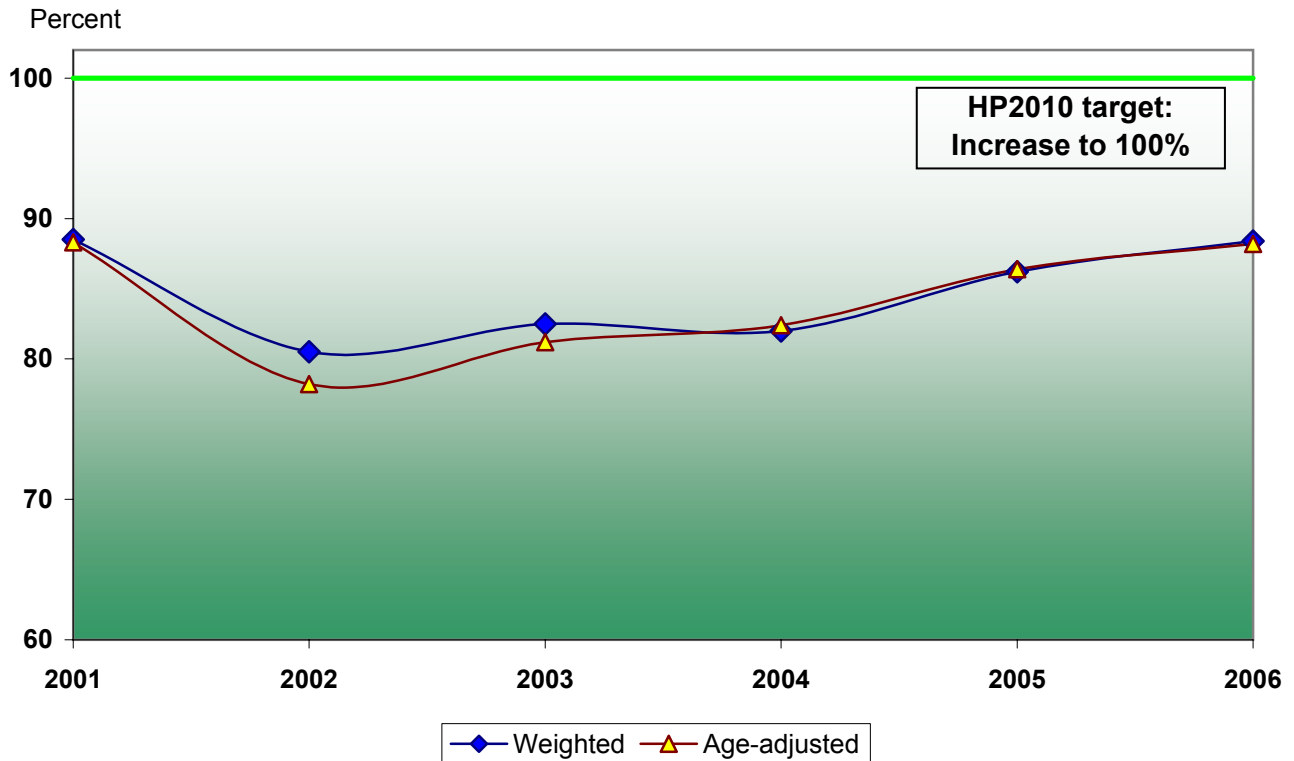


YEAR	2001	2002	2003	2004	2005	2006
Sample size	816	1054	753	440	1278	1062
Have Health Insurance	704	917	650	375	1097	914
Weight percentage	86.8	85.0	85.2	85.3	83.7	83.4
95% C.I.	(84.0 - 89.2)	(82.0 - 87.6)	(81.7 - 88.2)	(80.5 - 89.0)	(80.6 - 86.3)	(80.1 - 86.3)
Age-adjusted percentage	86.5	84.3	85.4	84.4	83.6	83.0
95% C.I.	(83.5 - 89.0)	(81.1 - 87.0)	(81.8 - 88.3)	(79.0 - 88.6)	(80.6 - 86.2)	(79.7 - 85.9)
GOAL (%)	100	100	100	100	100	100

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-1/ SUPPLEMENT 12

Percent of adults, aged 18 to 64, who have health insurance Kauai county, Hawaii, 2001-2006

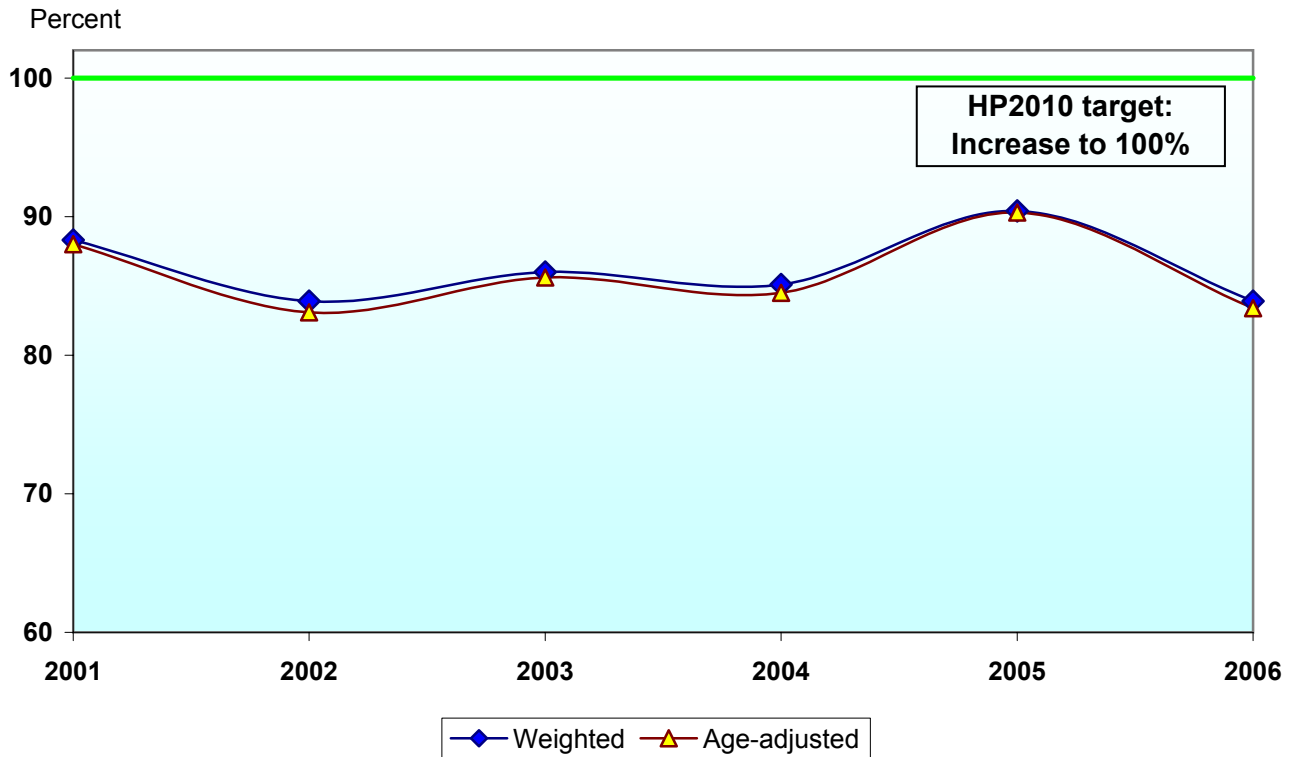


YEAR	2001	2002	2003	2004	2005	2006
Sample size	455	476	343	226	455	520
Have Health Insurance	407	406	288	185	404	461
Weight percentage	88.5	80.5	82.5	82.0	86.2	88.4
95% C.I.	(84.4 - 91.6)	(75.3 - 84.9)	(77.0 - 86.8)	(75.1 - 87.3)	(80.1 - 90.6)	(84.4 - 91.5)
Age-adjusted percentage	88.3	78.2	81.2	82.4	86.4	88.2
95% C.I.	(83.9 - 91.5)	(72.9 - 82.6)	(75.3 - 86.0)	(75.8 - 87.5)	(80.8 - 90.5)	(83.9 - 91.4)
GOAL (%)	100	100	100	100	100	100

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-1/ SUPPLEMENT 13

**Percent of adults, aged 18 to 64, who have health insurance
Maui county, Hawaii, 2001-2006**

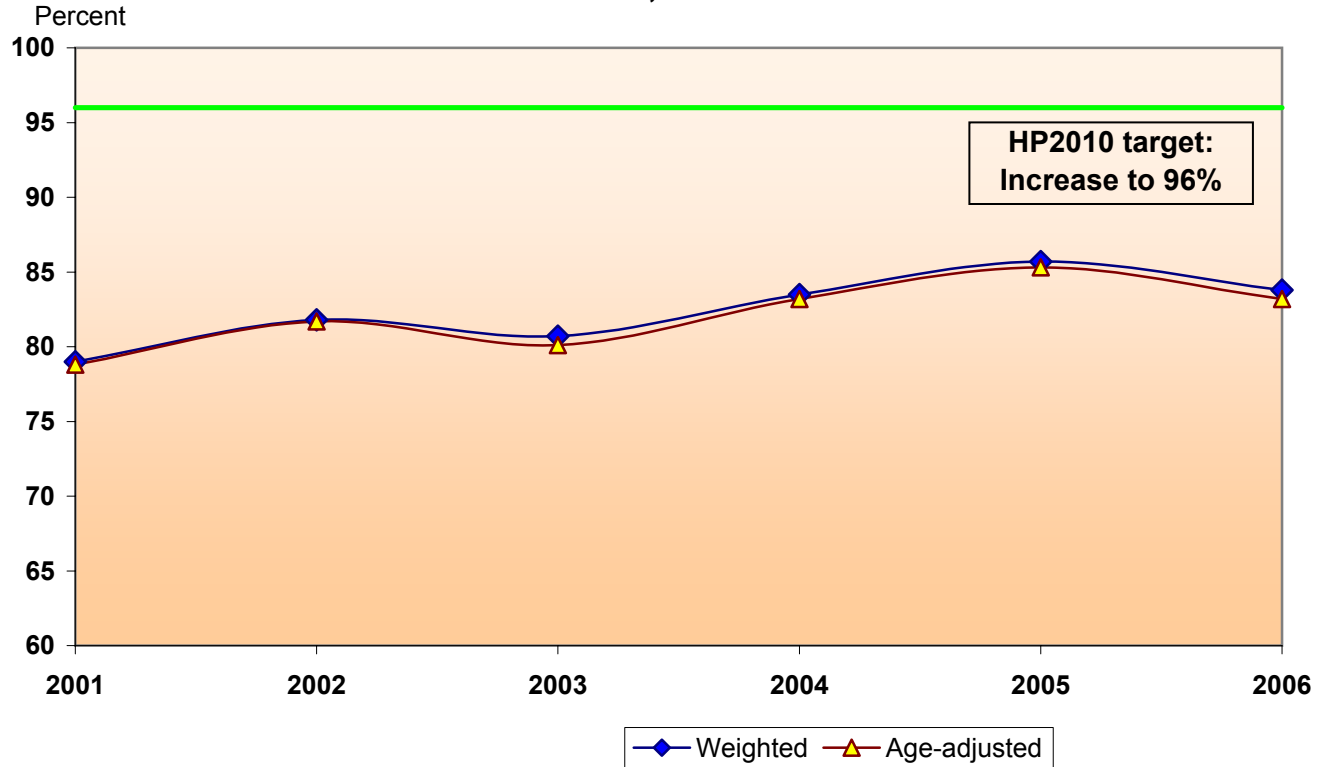


YEAR	2001	2002	2003	2004	2005	2006
Sample size	851	1001	584	335	969	1194
Have Health Insurance	754	862	511	283	873	1047
Weight percentage	88.3	83.9	86.0	85.1	90.4	83.9
95% C.I.	(85.1 - 90.9)	(80.8 - 86.6)	(81.9 - 89.3)	(78.7 - 89.9)	(87.7 - 92.6)	(80.2 - 87.1)
Age-adjusted percentage	88.0	83.1	85.6	84.5	90.3	83.4
95% C.I.	(84.6 - 90.7)	(79.9 - 86.0)	(81.2 - 89.0)	(77.5 - 89.5)	(87.4 - 92.5)	(79.4 - 86.7)
GOAL (%)	100	100	100	100	100	100

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-4c

**Percent of adults who have a specific source of ongoing care
Hawaii, 2001-2006**

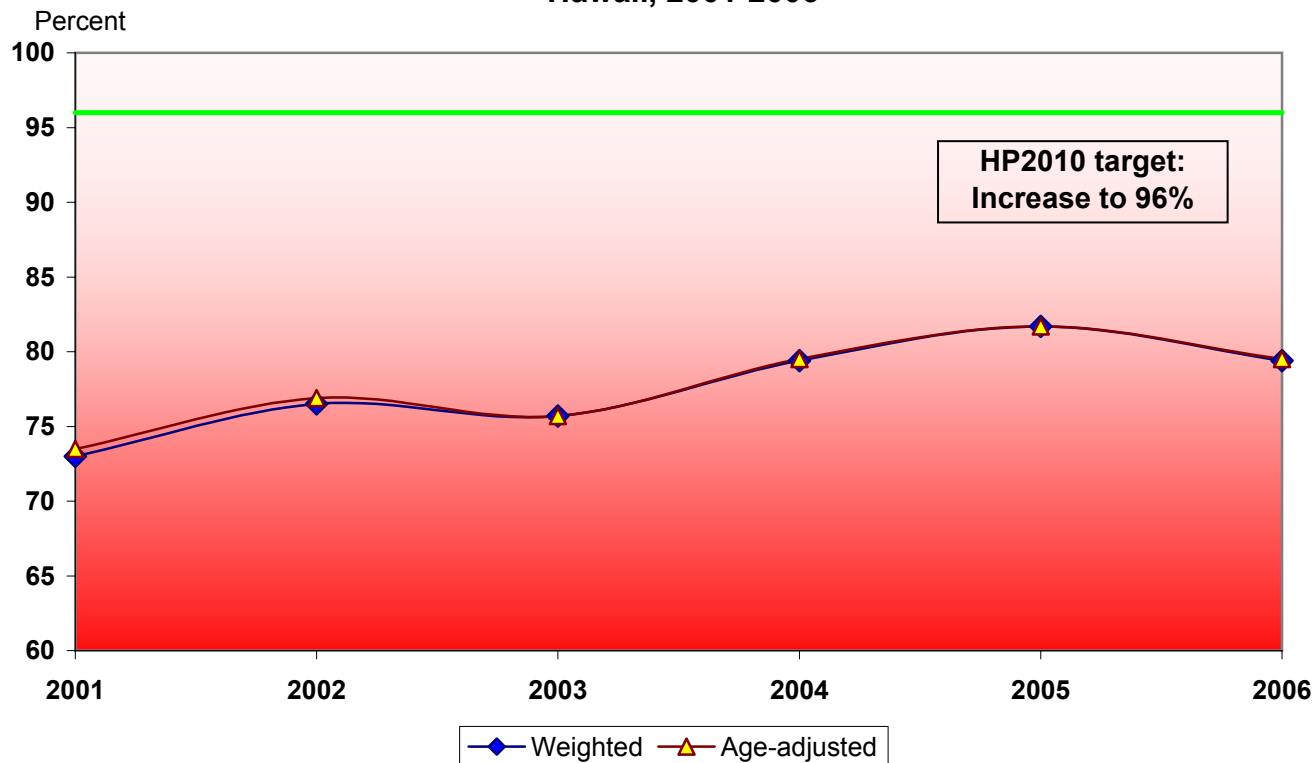


YEAR	2001	2002	2003	2004	2005	2006
Sample size	4500	6000	4339	2202	6416	6564
Have a specific source of ongoing care	3532	5001	3533	1853	5603	5672
Weight percentage	79.0	81.8	80.7	83.5	85.7	83.8
95% C.I.	(77.4 - 80.6)	(80.5 - 83.2)	(79.2 - 82.2)	(81.1 - 85.8)	(84.3 - 86.9)	(82.4 - 85.2)
Age-adjusted percentage	78.8	81.7	80.1	83.2	85.3	83.2
95% C.I.	(77.1 - 80.3)	(80.3 - 83.0)	(78.6 - 81.6)	(80.8 - 85.4)	(83.9 - 86.5)	(81.8 - 84.6)
GOAL (%)	96	96	96	96	96	96

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-4c/ SUPPLEMENT 1

**Percent of men who have a specific source of ongoing care
Hawaii, 2001-2006**

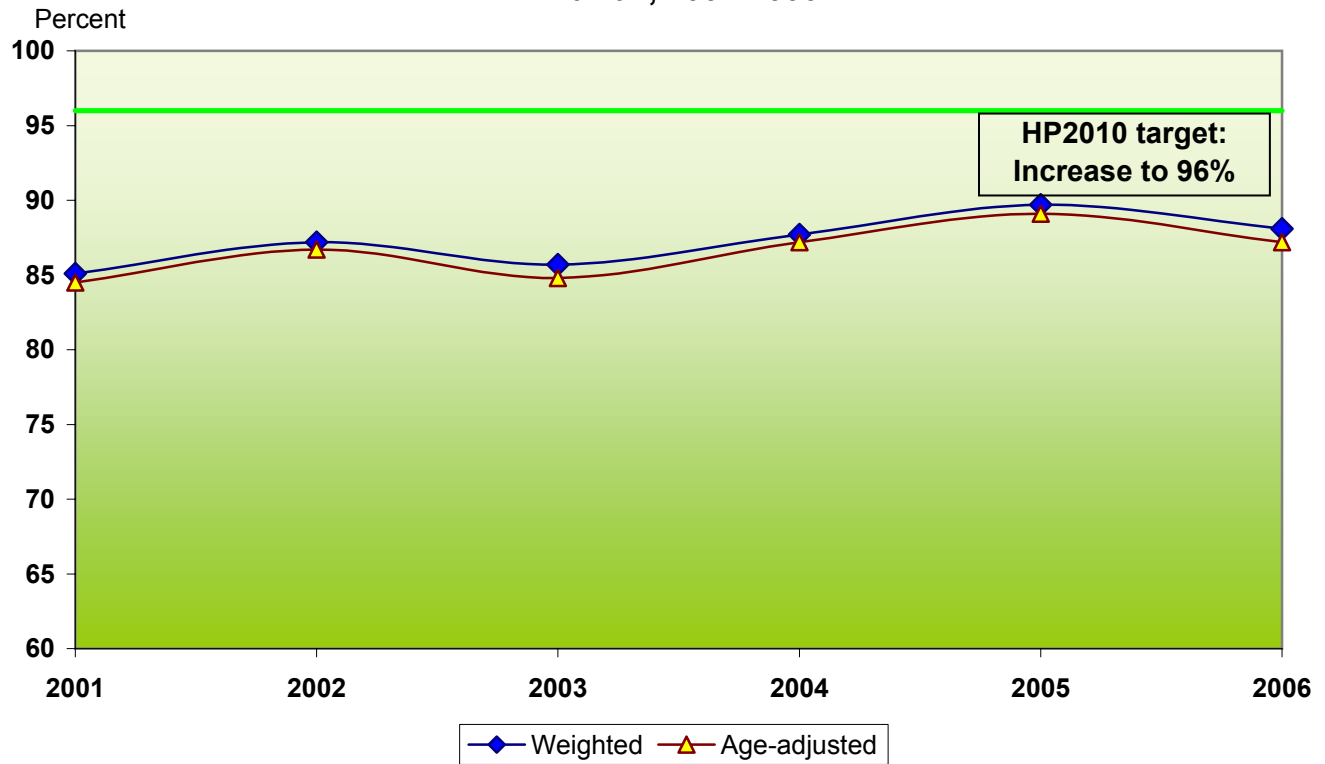


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1937	2605	1761	861	2577	2776
Have a specific source of ongoing care	1394	2037	1337	693	2147	2298
Weight percentage	73.0	76.5	75.7	79.4	81.7	79.4
95% C.I.	(70.3 - 75.5)	(74.2 - 78.6)	(73.1 - 78.1)	(75.2 - 83.0)	(79.4 - 83.7)	(77.0 - 81.6)
Age-adjusted percentage	73.5	76.9	75.7	79.5	81.7	79.5
95% C.I.	(70.9 - 75.9)	(74.8 - 79.0)	(73.3 - 78.0)	(75.6 - 82.9)	(79.5 - 83.7)	(77.2 - 81.6)
GOAL (%)	96	96	96	96	96	96

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-4c/ SUPPLEMENT 2

**Percent of women who have a specific source of ongoing care
Hawaii, 2001-2006**

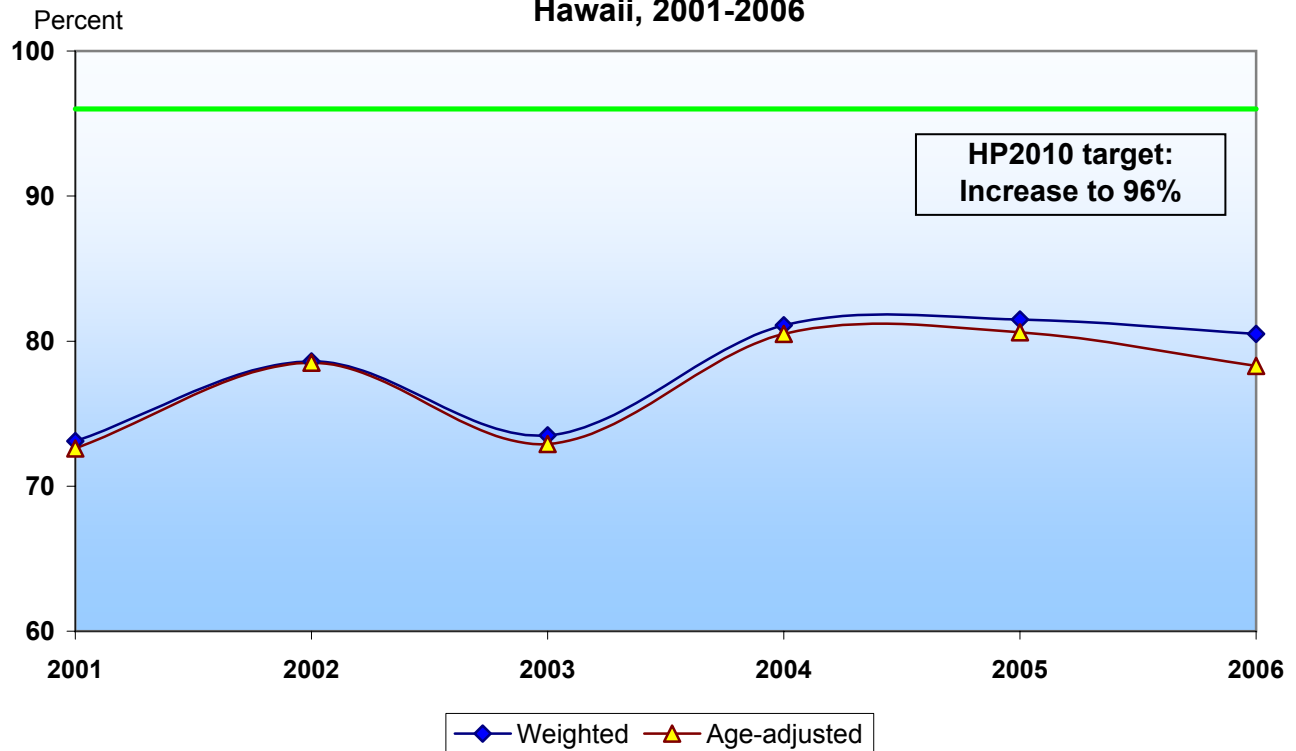


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2563	3395	2578	1341	3839	3788
Have a specific source of ongoing care	2138	2964	2196	1160	3456	3374
Weight percentage	85.1	87.2	85.7	87.7	89.7	88.1
95% C.I.	(83.2 - 86.7)	(85.7 - 88.5)	(84.0 - 87.3)	(85.0 - 89.9)	(88.2 - 90.9)	(86.4 - 89.6)
Age-adjusted percentage	84.5	86.7	84.8	87.2	89.1	87.2
95% C.I.	(82.6 - 86.2)	(85.1 - 88.1)	(83.1 - 86.4)	(84.5 - 89.5)	(87.6 - 90.5)	(85.4 - 88.7)
GOAL (%)	96	96	96	96	96	96

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-4c/ SUPPLEMENT 3

**Percent of White adults who have a specific source of ongoing care
Hawaii, 2001-2006**

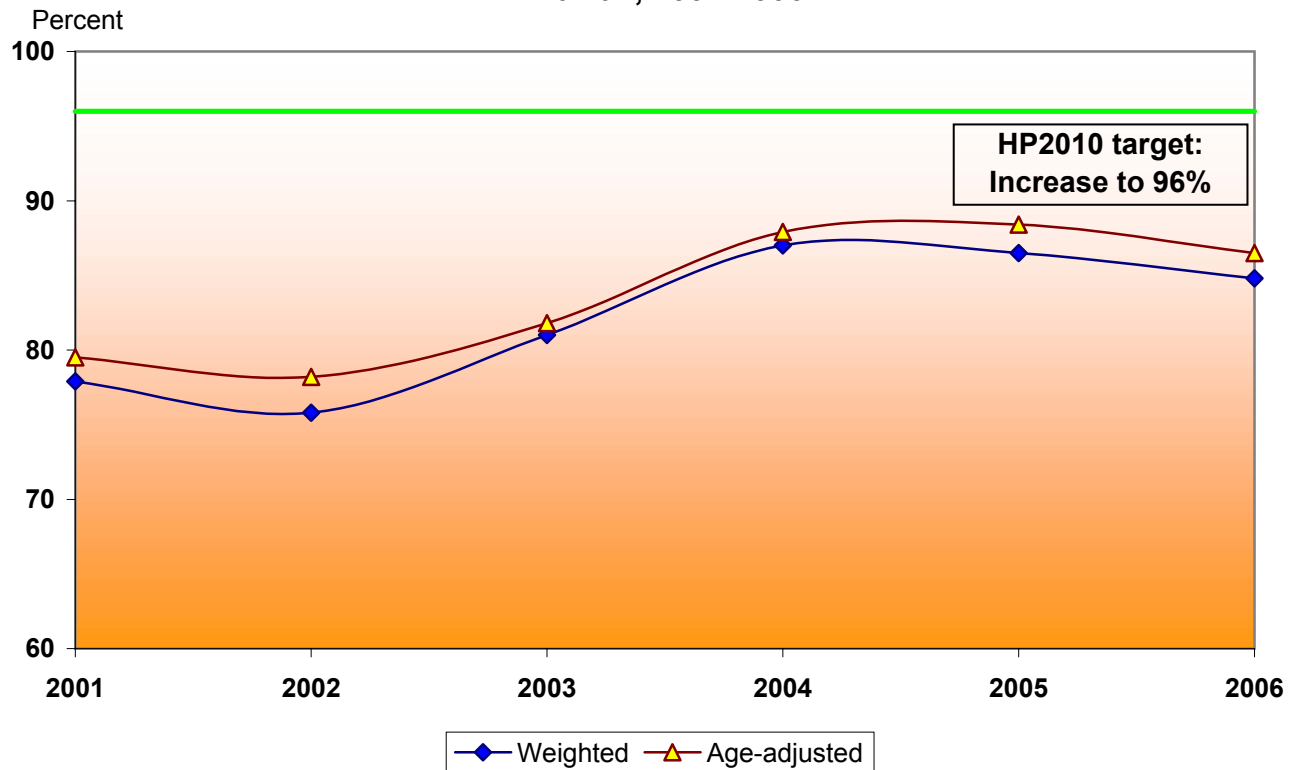


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1857	2481	1666	863	2700	2739
Have a specific source of ongoing care	1358	1982	1264	700	2262	2274
Weight percentage	73.1	78.6	73.5	81.1	81.5	80.5
95% C.I.	(70.3 - 75.7)	(76.3 - 80.7)	(70.6 - 76.2)	(77.3 - 84.4)	(79.3 - 83.6)	(78.3 - 82.6)
Age-adjusted percentage	72.6	78.5	72.9	80.5	80.6	78.3
95% C.I.	(69.9 - 75.2)	(76.3 - 80.5)	(70.2 - 75.5)	(76.4 - 84.1)	(78.1 - 82.8)	(75.8 - 80.7)
GOAL (%)	96	96	96	96	96	96

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-4c/ SUPPLEMENT 4

**Percent of Hawaiians who have a specific source of ongoing care
Hawaii, 2001-2006**

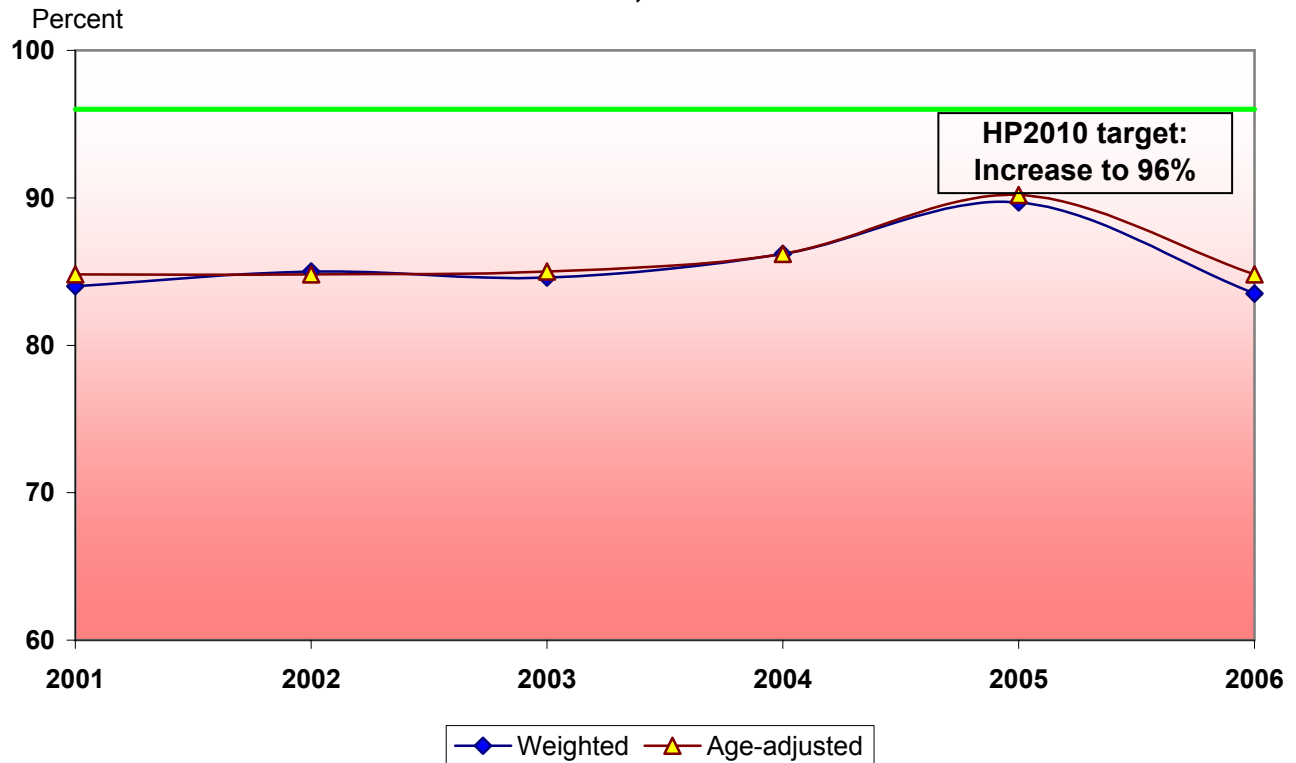


YEAR	2001	2002	2003	2004	2005	2006
Sample size	585	771	612	363	783	796
Have a specific source of ongoing care	472	626	509	313	700	717
Weight percentage	77.9	75.8	81.0	87.0	86.5	84.8
95% C.I.	(73.0 - 82.2)	(70.7 - 80.2)	(76.7 - 84.7)	(81.6 - 91.0)	(81.9 - 90.0)	(79.8 - 88.7)
Age-adjusted percentage	79.5	78.2	81.8	87.9	88.4	86.5
95% C.I.	(74.9 - 83.4)	(73.8 - 82.1)	(77.8 - 85.2)	(83.0 - 91.6)	(85.0 - 91.0)	(82.8 - 89.6)
GOAL (%)	96	96	96	96	96	96

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-4c/ SUPPLEMENT 5

**Percent of Filipinos who have a specific source of ongoing care
Hawaii, 2001-2006**

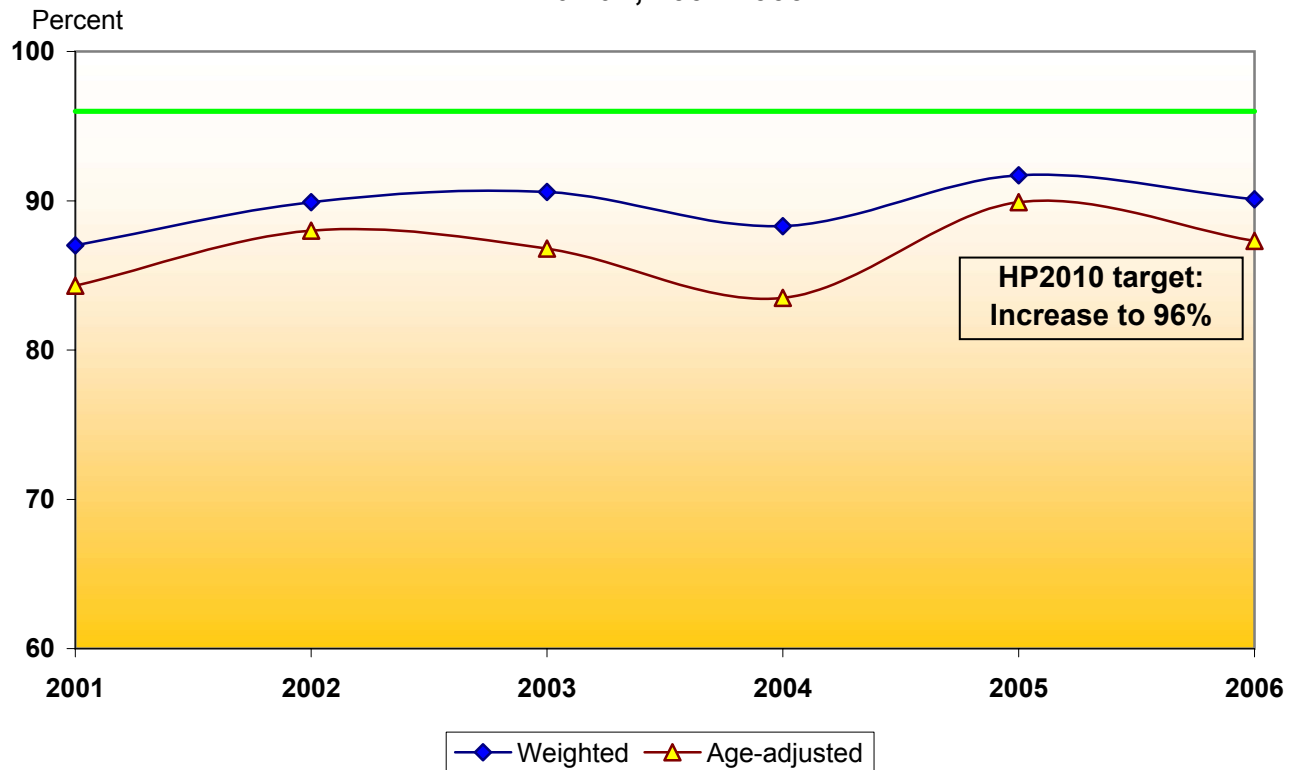


YEAR	2001	2002	2003	2004	2005	2006
Sample size	548	775	504	280	800	792
Have a specific source of ongoing care	453	667	431	246	724	687
Weight percentage	84.0	85.0	84.6	86.2	89.7	83.5
95% C.I.	(79.4 - 87.8)	(81.3 - 88.1)	(79.9 - 88.3)	(78.5 - 91.4)	(86.0 - 92.5)	(79.0 - 87.2)
Age-adjusted percentage	84.8	84.8	85.0	86.2	90.2	84.8
95% C.I.	(80.4 - 88.3)	(81.1 - 87.9)	(80.7 - 88.6)	(79.1 - 91.2)	(86.9 - 92.7)	(80.8 - 88.1)
GOAL (%)	96	96	96	96	96	96

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-4c/ SUPPLEMENT 6

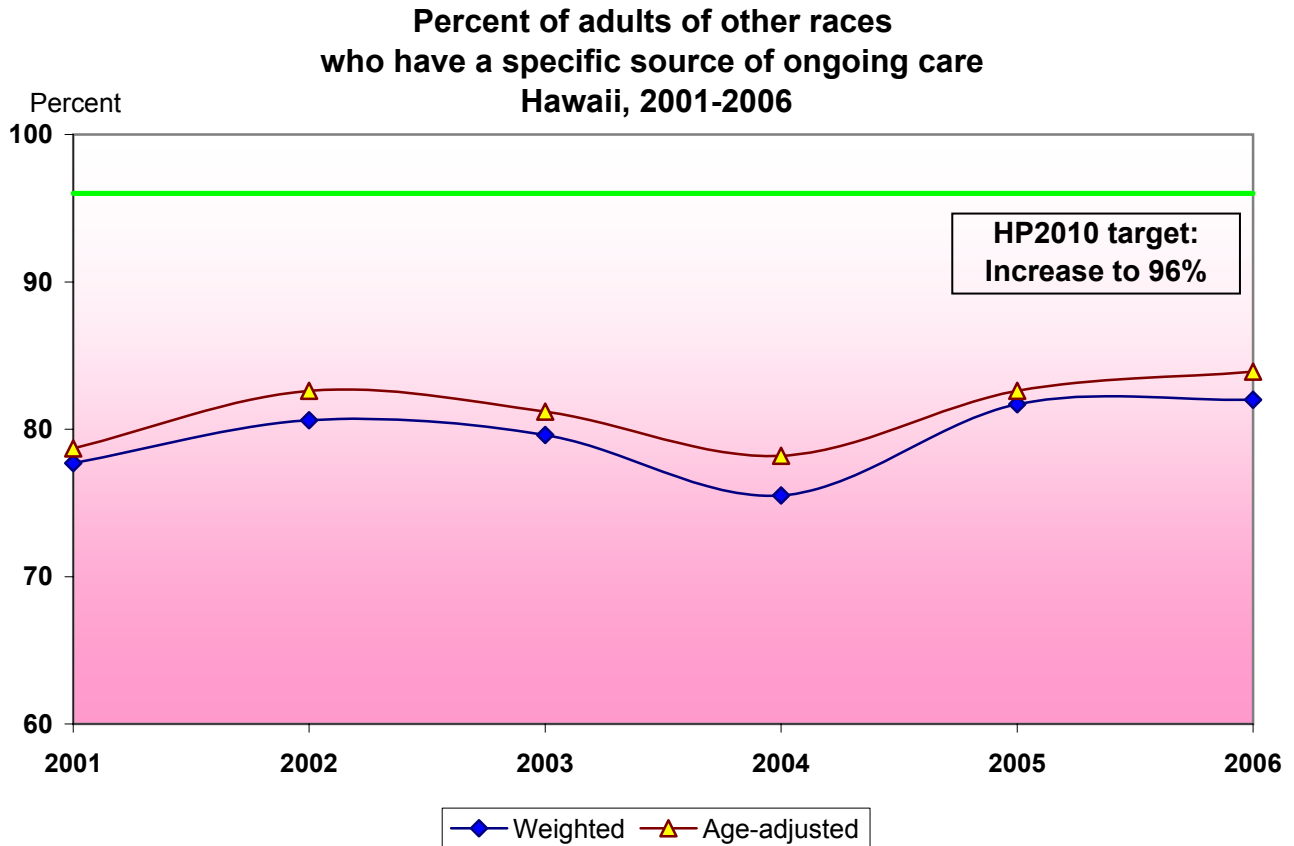
**Percent of Japanese who have a specific source of ongoing care
Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	871	1168	781	444	1290	1287
Have a specific source of ongoing care	755	1067	699	396	1203	1183
Weight percentage	87.0	89.9	90.6	88.3	91.7	90.1
95% C.I.	(83.8 - 89.7)	(87.3 - 92.0)	(87.8 - 92.8)	(83.8 - 91.7)	(89.2 - 93.7)	(87.3 - 92.2)
Age-adjusted percentage	84.3	88.0	86.8	83.5	89.9	87.3
95% C.I.	(80.2 - 87.6)	(84.9 - 90.6)	(82.8 - 90.0)	(77.0 - 88.4)	(86.7 - 92.4)	(83.7 - 90.3)
GOAL (%)	96	96	96	96	96	96

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-4c/ SUPPLEMENT 7

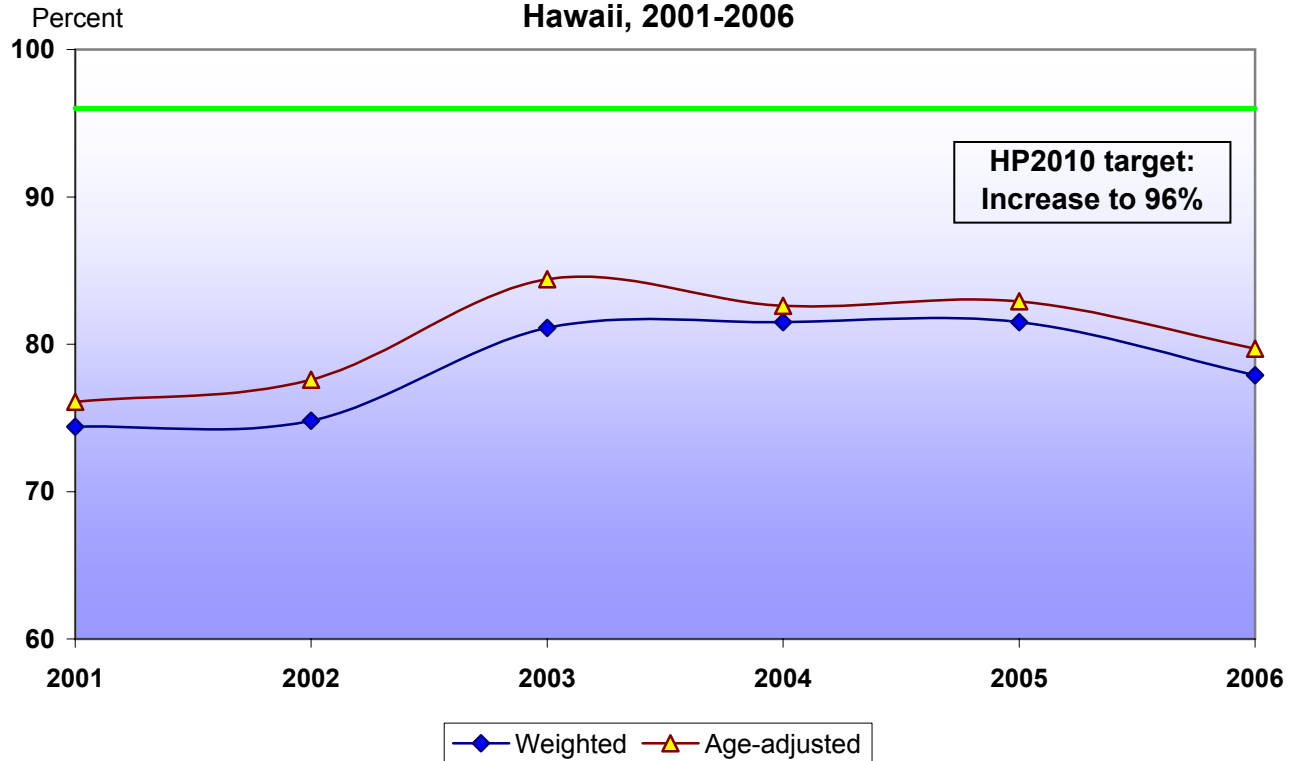


YEAR	2001	2002	2003	2004	2005	2006
Sample size	639	805	776	252	843	950
Have a specific source of ongoing care	494	659	630	198	714	811
Weight percentage	77.7	80.6	79.6	75.5	81.7	82.0
95% C.I.	(73.3 - 81.6)	(76.9 - 83.8)	(75.8 - 83.0)	(66.2 - 83.0)	(77.8 - 85.1)	(77.8 - 85.5)
Age-adjusted percentage	78.7	82.6	81.2	78.2	82.6	83.9
95% C.I.	(74.7 - 82.2)	(79.4 - 85.3)	(77.8 - 84.1)	(71.4 - 83.8)	(79.1 - 85.7)	(80.7 - 86.7)
GOAL (%)	96	96	96	96	96	96

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-4c/ SUPPLEMENT 8

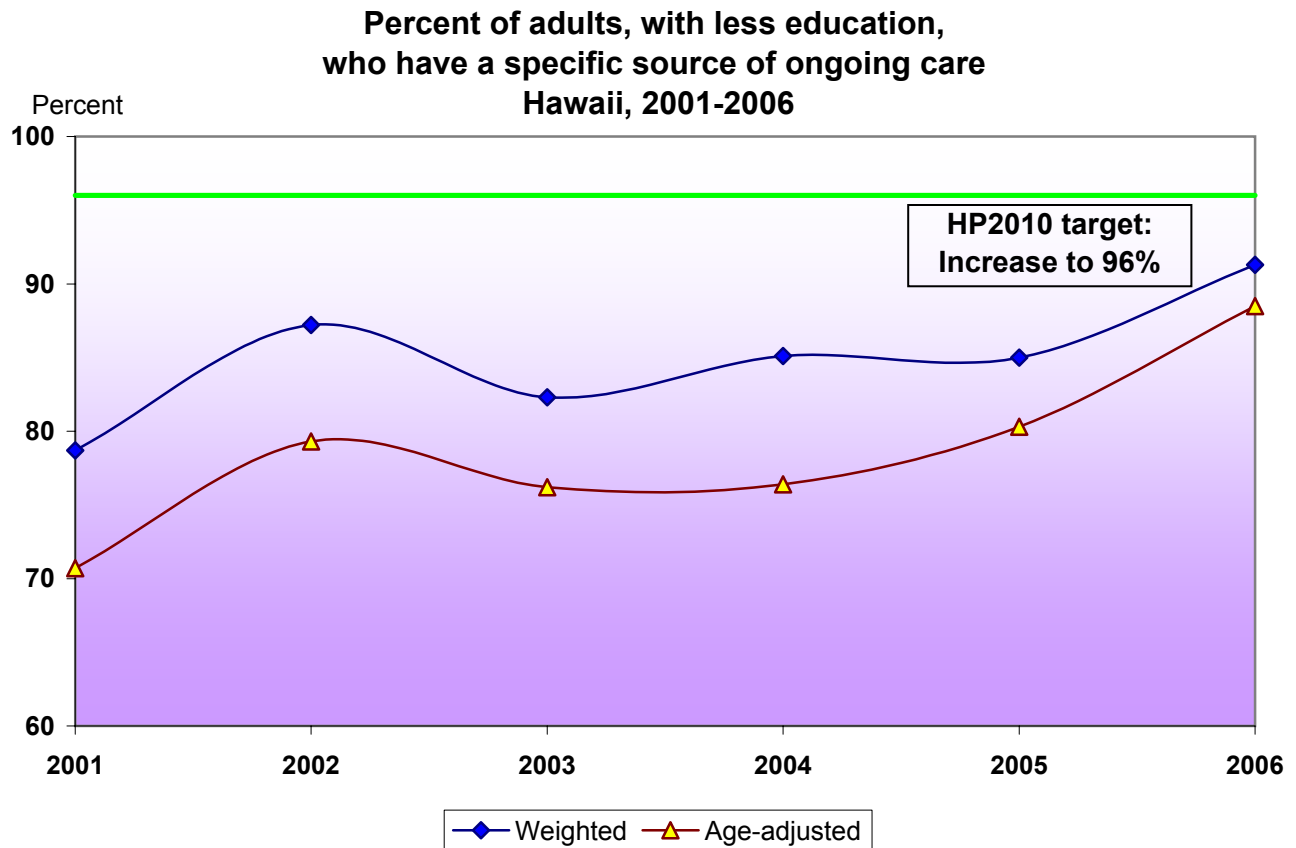
**Percent of adults, in low income households,
who have a specific source of ongoing care
Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	695	601	254	677	702
Have a specific source of ongoing care	407	551	490	208	577	584
Weight percentage	74.4	74.8	81.1	81.5	81.5	77.9
95% C.I.	(69.0 - 79.2)	(69.8 - 79.2)	(76.8 - 84.7)	(73.3 - 87.6)	(76.2 - 85.9)	(72.6 - 82.5)
Age-adjusted percentage	76.1	77.6	84.4	82.6	82.9	79.7
95% C.I.	(70.9 - 80.5)	(73.0 - 81.7)	(81.0 - 87.3)	(75.5 - 88.0)	(78.3 - 86.7)	(75.0 - 83.6)
GOAL (%)	96	96	96	96	96	96

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-4c/ SUPPLEMENT 9

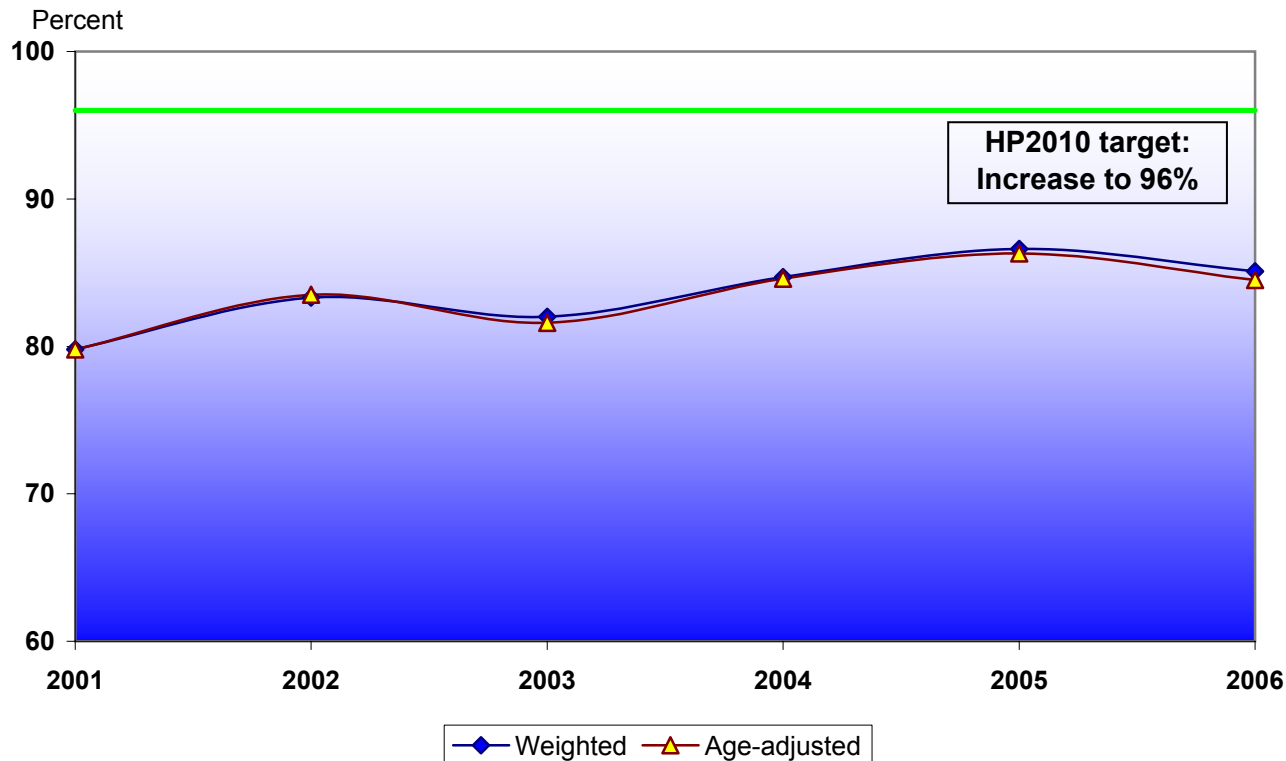


YEAR	2001	2002	2003	2004	2005	2006
Sample size	284	376	239	120	358	383
Have a specific source of ongoing care	236	332	202	104	314	344
Weight percentage	78.7	87.2	82.3	85.1	85.0	91.3
95% C.I.	(70.8 - 85.0)	(80.9 - 91.6)	(74.6 - 88.1)	(72.9 - 92.4)	(78.2 - 89.9)	(87.2 - 94.2)
Age-adjusted percentage	70.7	79.3	76.2	76.4	80.3	88.5
95% C.I.	(61.0 - 78.7)	(70.2 - 86.2)	(66.1 - 83.9)	(61.3 - 86.9)	(69.6 - 87.9)	(82.7 - 92.6)
GOAL (%)	96	96	96	96	96	96

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-4c/ SUPPLEMENT 10

**Percent of adults who have a specific source of ongoing care
Honolulu county, Hawaii, 2001-2006**

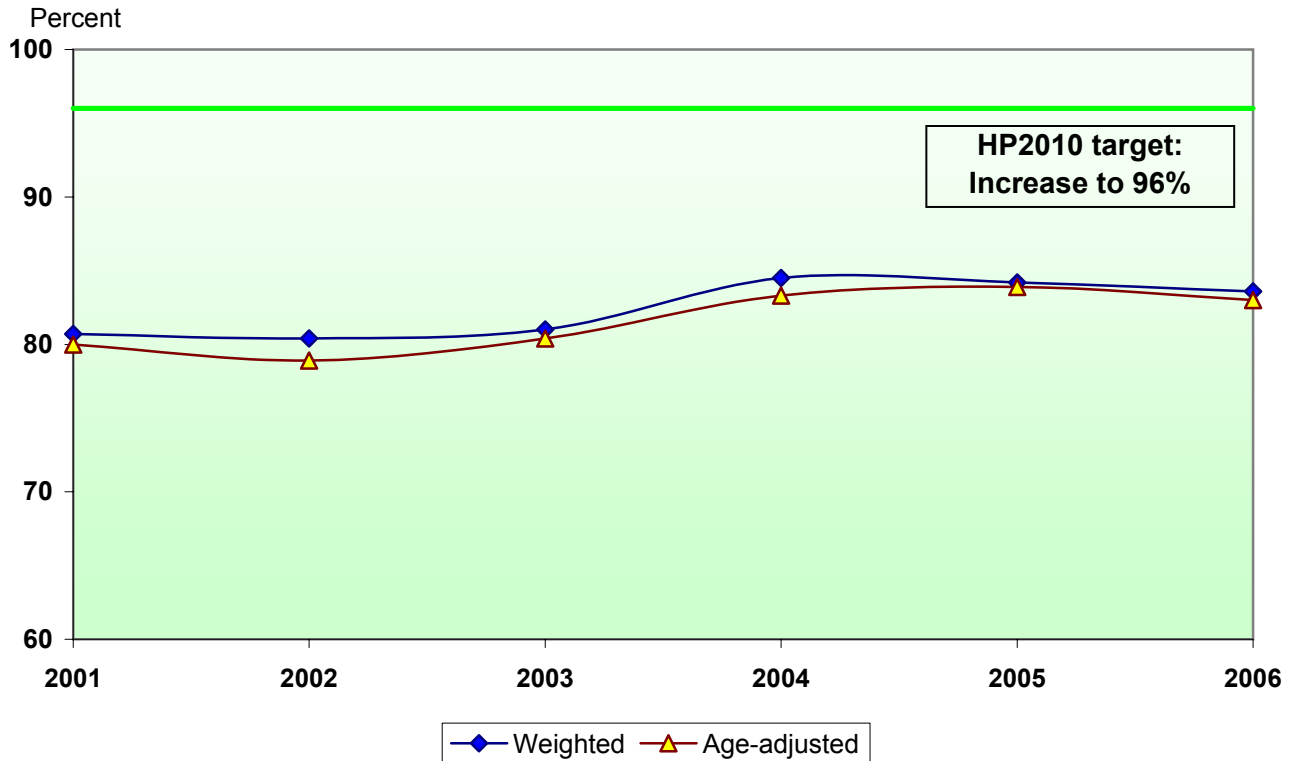


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1920	2812	2246	938	2969	3017
Have a specific source of ongoing care	1524	2390	1863	807	2643	2675
Weight percentage	79.8	83.3	82.0	84.7	86.6	85.1
95% C.I.	(77.7 - 81.8)	(81.5 - 85.0)	(80.0 - 83.8)	(81.5 - 87.5)	(84.9 - 88.2)	(83.2 - 86.8)
Age-adjusted percentage	79.8	83.5	81.6	84.6	86.3	84.5
95% C.I.	(77.7 - 81.7)	(81.8 - 85.1)	(79.7 - 83.4)	(81.5 - 87.3)	(84.7 - 87.9)	(82.7 - 86.2)
GOAL (%)	96	96	96	96	96	96

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-4c/ SUPPLEMENT 11

**Percent of adults who have a specific source of ongoing care
Hawaii county, Hawaii, 2001-2006**

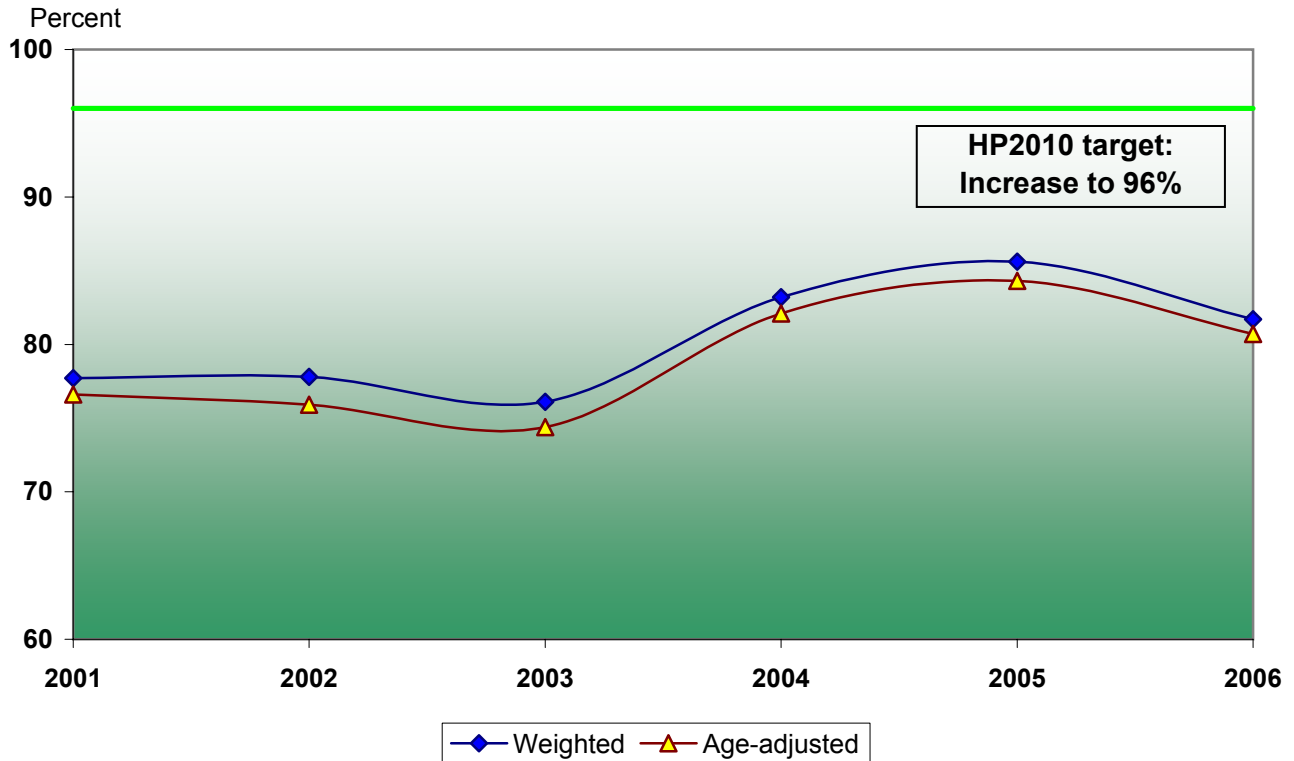


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1020	1379	972	564	1659	1394
Have a specific source of ongoing care	823	1170	803	489	1432	1200
Weight percentage	80.7	80.4	81.0	84.5	84.2	83.6
95% C.I.	(77.6 - 83.4)	(77.4 - 83.0)	(77.6 - 83.9)	(79.9 - 88.1)	(81.6 - 86.5)	(80.7 - 86.1)
Age-adjusted percentage	80.0	78.9	80.4	83.3	83.9	83.0
95% C.I.	(76.9 - 82.9)	(75.9 - 81.6)	(77.0 - 83.5)	(78.3 - 87.4)	(81.2 - 86.2)	(80.1 - 85.6)
GOAL (%)	96	96	96	96	96	96

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-4c/ SUPPLEMENT 12

**Percent of adults who have a specific source of ongoing care
Kauai county, Hawaii, 2001-2006**

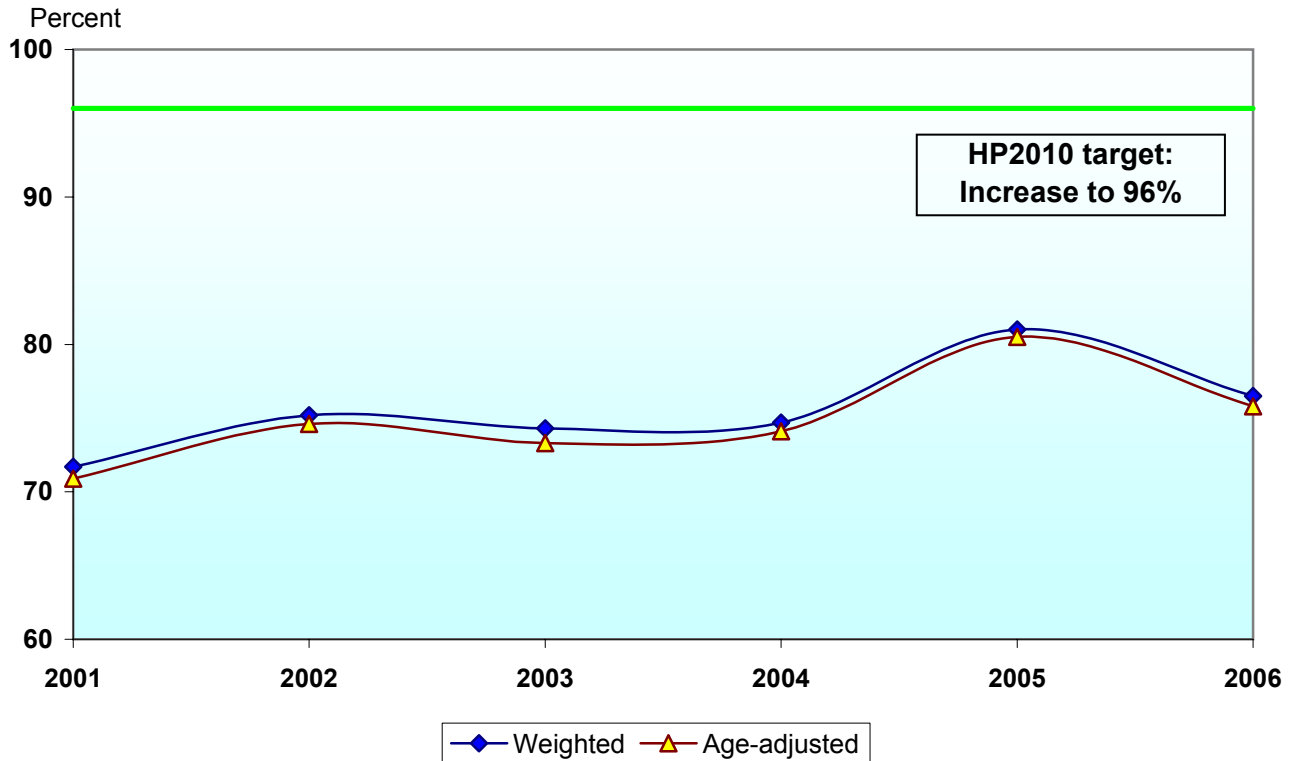


YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	601	421	289	589	665
Have a specific source of ongoing care	439	491	327	240	512	569
Weight percentage	77.7	77.8	76.1	83.2	85.6	81.7
95% C.I.	(73.0 - 81.8)	(73.2 - 81.8)	(71.0 - 80.5)	(77.5 - 87.7)	(81.2 - 89.1)	(76.8 - 85.7)
Age-adjusted percentage	76.6	75.9	74.4	82.1	84.3	80.7
95% C.I.	(71.9 - 80.7)	(71.2 - 80.1)	(69.2 - 79.0)	(75.7 - 87.1)	(79.5 - 88.1)	(75.9 - 84.7)
GOAL (%)	96	96	96	96	96	96

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 1-4c/ SUPPLEMENT 13

**Percent of adults who have a specific source of ongoing care
Maui county, Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	1011	1208	700	411	1199	1488
Have a specific source of ongoing care	746	950	540	317	1016	1228
Weight percentage	71.7	75.2	74.3	74.7	81.0	76.5
95% C.I.	(68.0 - 75.2)	(72.0 - 78.2)	(69.9 - 78.3)	(67.9 - 80.4)	(77.4 - 84.2)	(72.8 - 79.9)
Age-adjusted percentage	70.9	74.6	73.3	74.1	80.5	75.8
95% C.I.	(67.3 - 74.2)	(71.4 - 77.5)	(69.2 - 77.1)	(67.4 - 79.8)	(76.9 - 83.6)	(72.5 - 78.9)
GOAL (%)	96	96	96	96	96	96

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

CANCER

We have data to track 5 objectives within this target area.

Objective 3-11a: Increase the proportion of women aged 18 years and older who have ever received a Pap test to 97%.

Question used to obtain the data: *Have you ever had a pap smear?*

Objective 3-11b: Increase the proportion of women aged 18 years and older who have ever received a Pap test within the preceding 3 years to 90%

Question used to obtain the data: *How long has it been since your last pap smear?*

The proportions of women 18 years and older in Hawaii who received a PAP test and who had the last one in the past 3 years are in downward trends (Figure 3a).

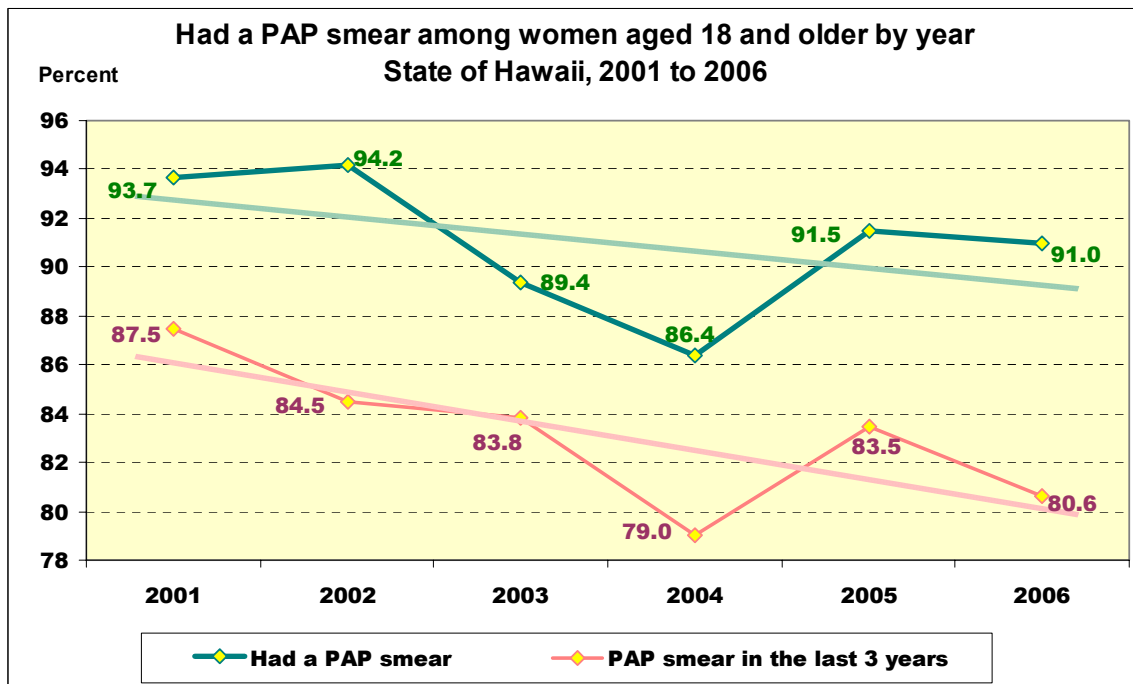


Fig.3a

In 2006, the proportion of women aged 18 or older who have received a PAP test is 91%, lower than the national baseline of 92% in 1998. The percentage of women who had a PAP test within the last 3 years is 80.6%, just a little higher than the national baseline of 79% in 1998.

Filipino women have the lowest percentage, 77.1%, for “having a PAP test in the last 3 years” in 2006. The following chart shows a downward trend in the entire four major ethnic groups. The trend is gradually downward for Japanese women while it is rapidly downward for other women (Figure 3b).

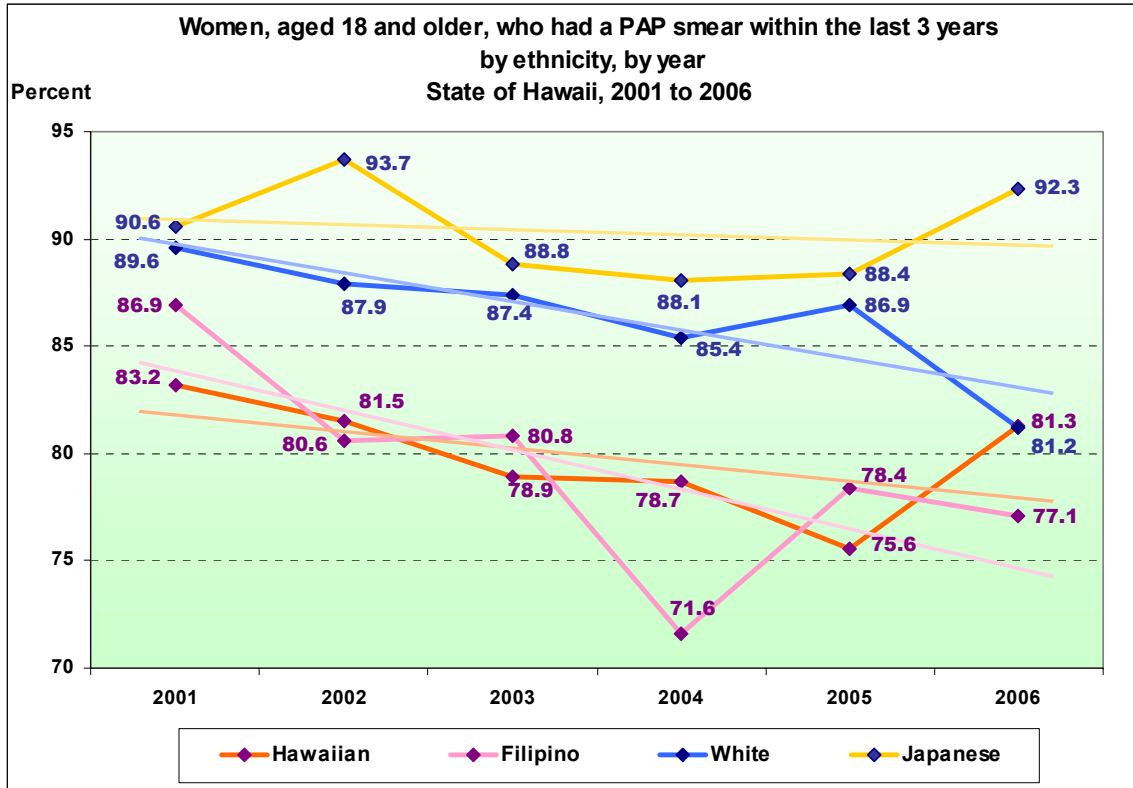


Fig. 3b

The proportion of women in low-income households who had a PAP test within the last 3 years is much lower than it is for those in better income households (Figure 3c).

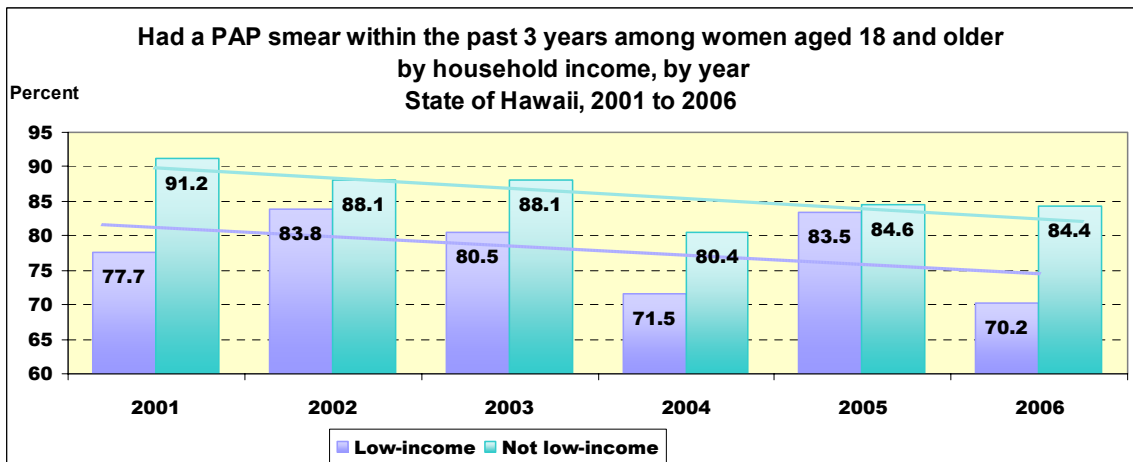


Fig. 3c

Similarly, among women with less education, the percentage of “Having a PAP test within the last 3 years” is not only lower than it is for the better educated but it is going down at a faster pace (Figure 3d).

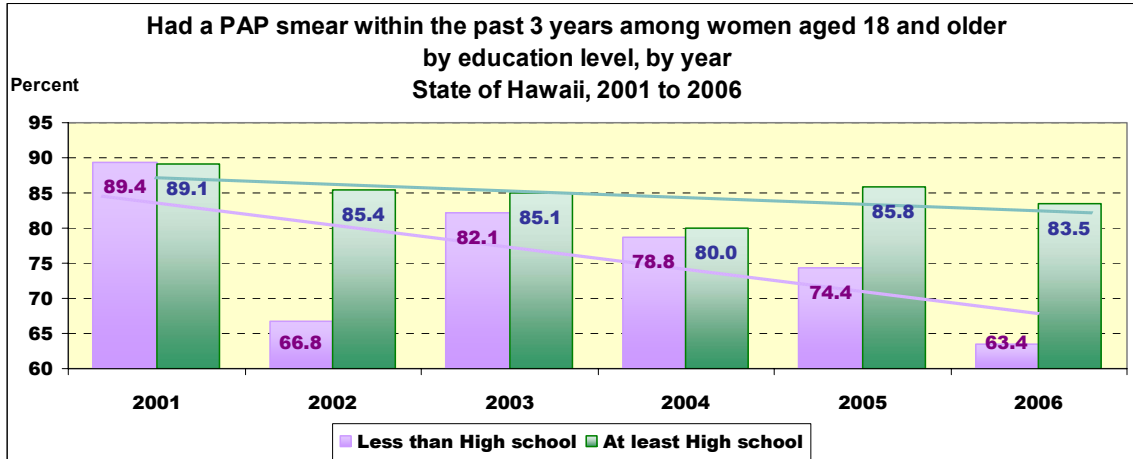


Fig. 3d

Objective 3-13: Increase the proportion of women aged 40 years and older who have received a mammogram within the preceding 2 years to 70%

Question used to obtain the data:

Have you ever had a mammogram?

How long has it been since your last mammogram?

In 2006 76.7% of women aged 40 and older received a mammogram in the preceding 2 years. For the state, this proportion seems steady over the last six years (Figure 3e).

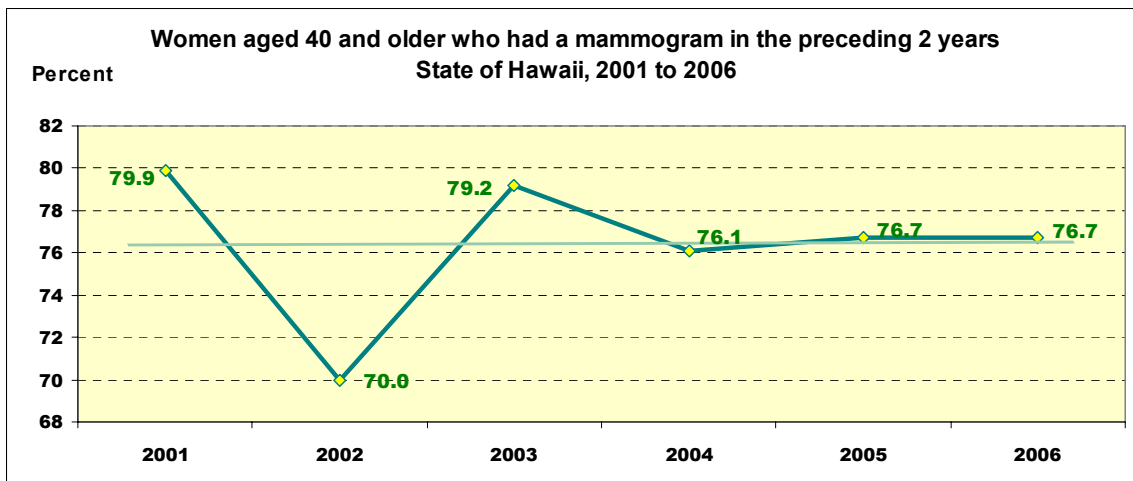


Fig. 3e

Japanese women always have the highest percentage of “Having a mammogram in the preceding 2 years”. In 2006, the Japanese proportion was 83.9% and this rate is significantly higher than those of other ethnic groups (Figure 3f).

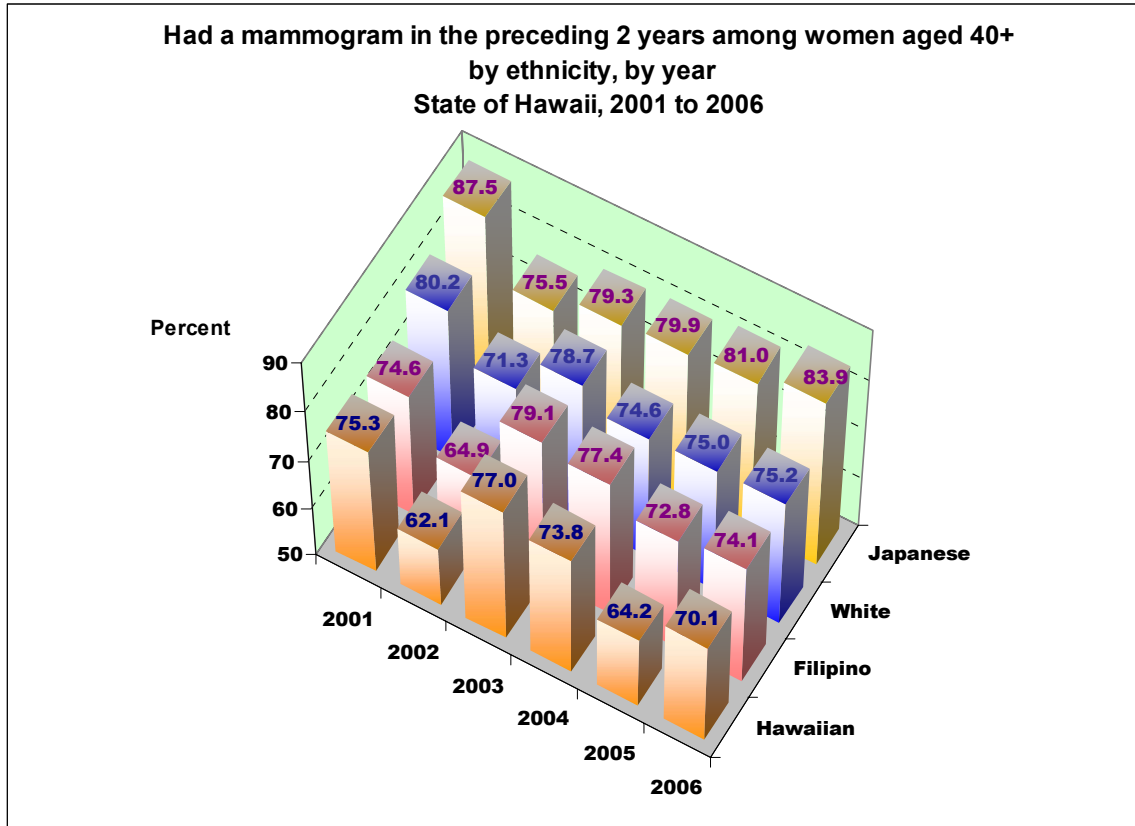


Fig. 3f

The trend for “Having a mammogram in the preceding 2 years” among women in low-income households or among women with less education is down while that for not low income or more educated group is steady with the proportions higher than the HP2010 target of 70% (Figure 3g, 3h).

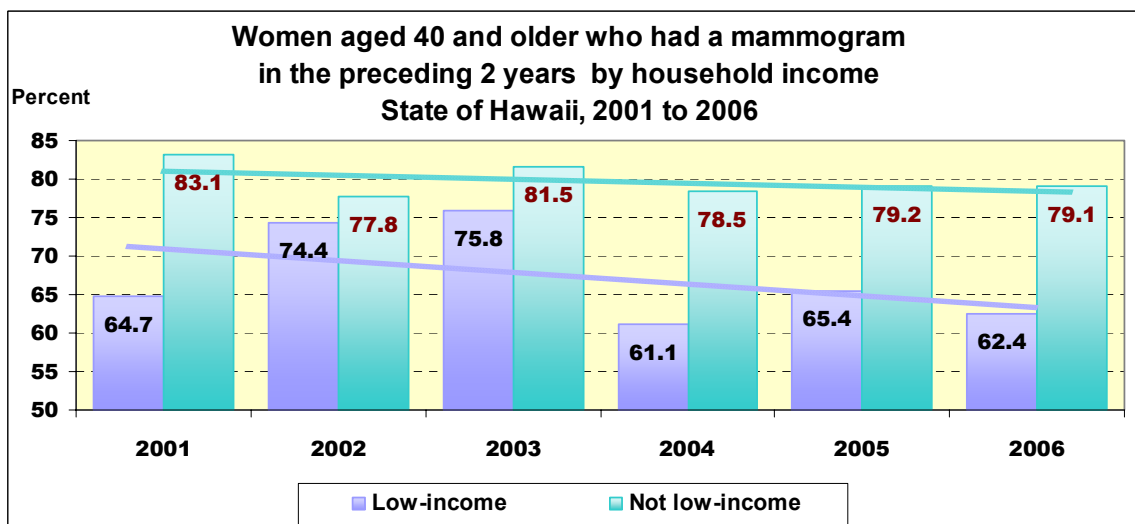


Fig. 3g

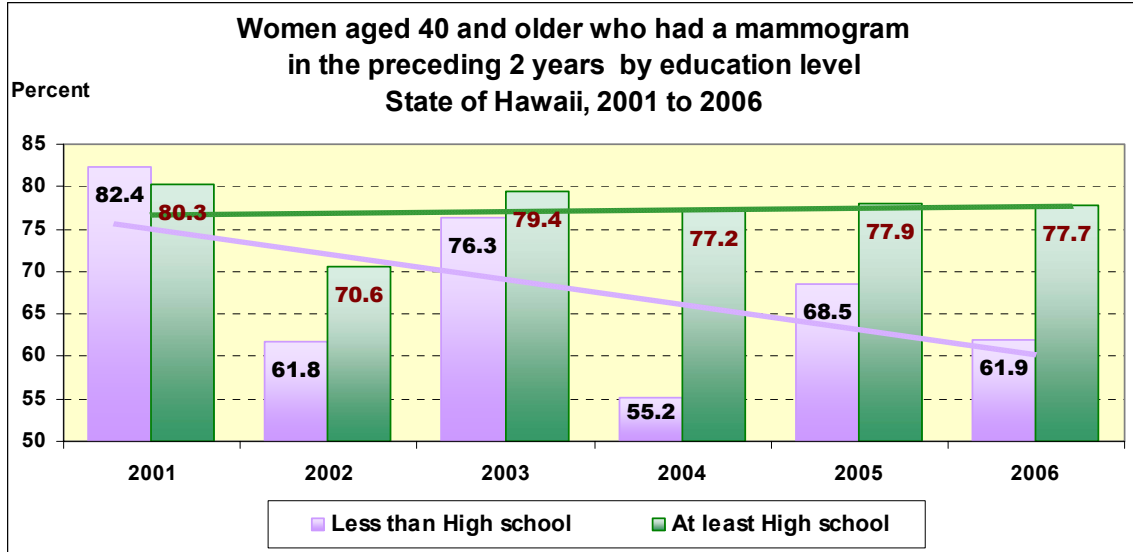


Fig. 3h

In "HEALTHY PEOPLE 2010 MIDCOURSE REVIEW (2006)", some revision was made for the objective 3.12: **Increase the proportion of adults who receive a colorectal cancer screening examination.**

(<http://www.healthypeople.gov/data/midcourse/html/focusareas/FA03Objectives.htm>)

Target and baseline:

Objective	Increase in Colorectal Cancer Screening	2000 Baseline* (unless noted) Percent	2010 Target Percent
3-12a.	Adults aged 50 years and older who have received a fecal occult blood test (FOBT) within the preceding 2 years	24 ¹	33 ²
3-12b.	Adults aged 50 years and older who have ever received a sigmoidoscopy	37 (1998)	50

* Age adjusted to the year 2000 standard population.

¹ Baseline and baseline year revised from 35 and 1998 after November 2000 publication.

² Target revised from 50 because of baseline revision after November 2000 publication.

Question used to obtain the data: *Have you ever had this test using a home kit?*

How long has it been since your last blood stool test using a home kit?

And

Sigmoidoscopy and colonoscopy are exams in which a tube is inserted in the rectum to view the bowel for signs of cancer or other health problems. Have you ever had either of these exams?

Overall since 2001, among adults 50 years and older, the percentage of having a blood stool test in the preceding 2 years has strongly declined while the percentage of having a sigmoidoscopy or a colonoscopy has tended to increase (Figure 3i).

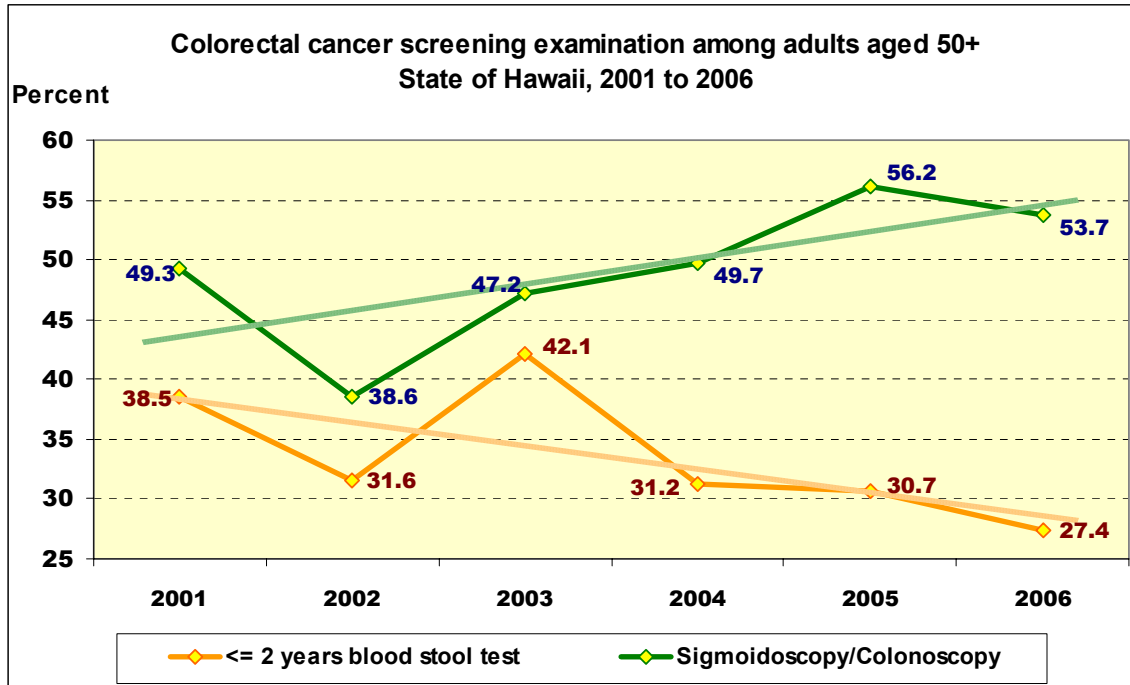


Fig. 3i

In 2006 53.7% of adults in Hawaii aged 50 years old or older had either sigmoidoscopy or colonoscopy. It exceeds the HP2010 goal of 50%. However, among the four major groups of ethnicity, the proportions for Japanese and White people are significantly higher than that for Filipinos or Hawaiians (Figure 3k).

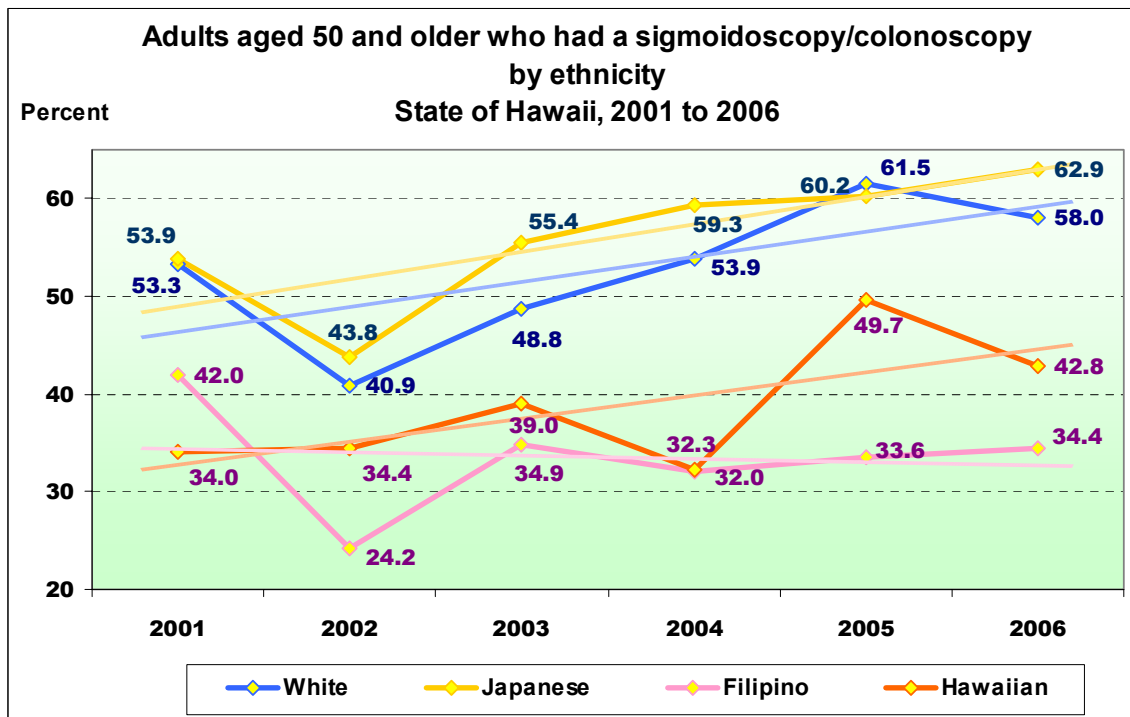


Fig. 3k

In addition, there is still a big difference in the proportion having this screening examination comparing people in low-income household with the better income (Figure 3l), and people with less education and the better educated. The gap between these groups has widened over the six year period (Figure 3m).

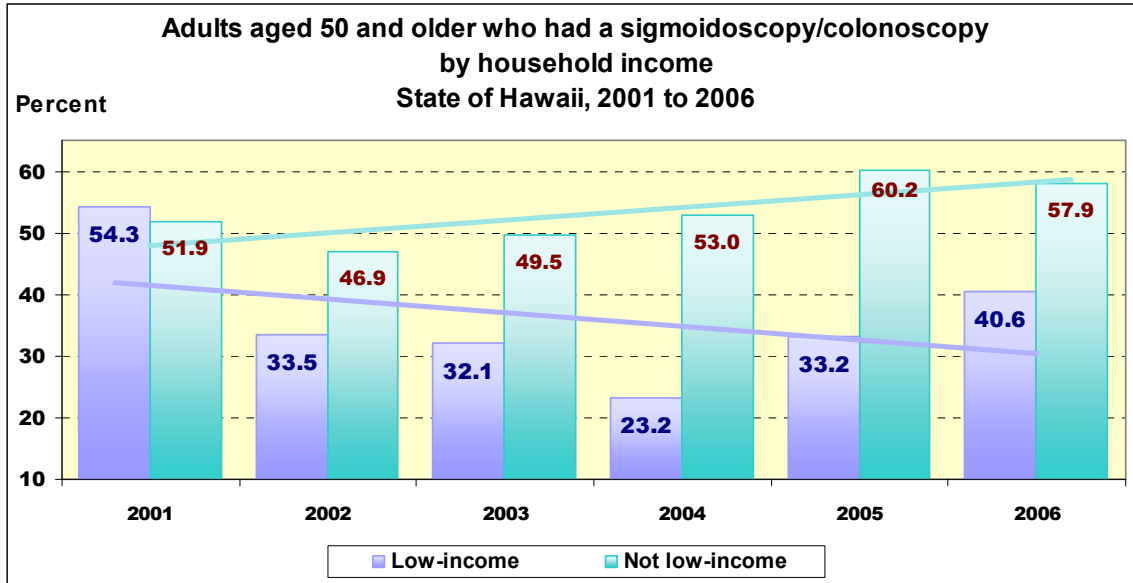


Fig. 3l

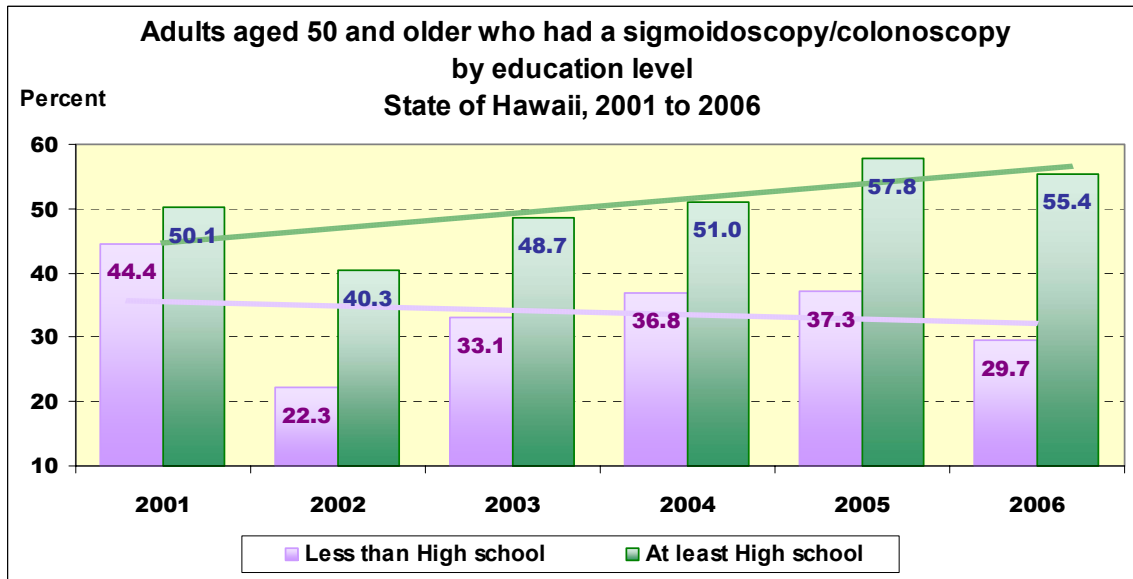
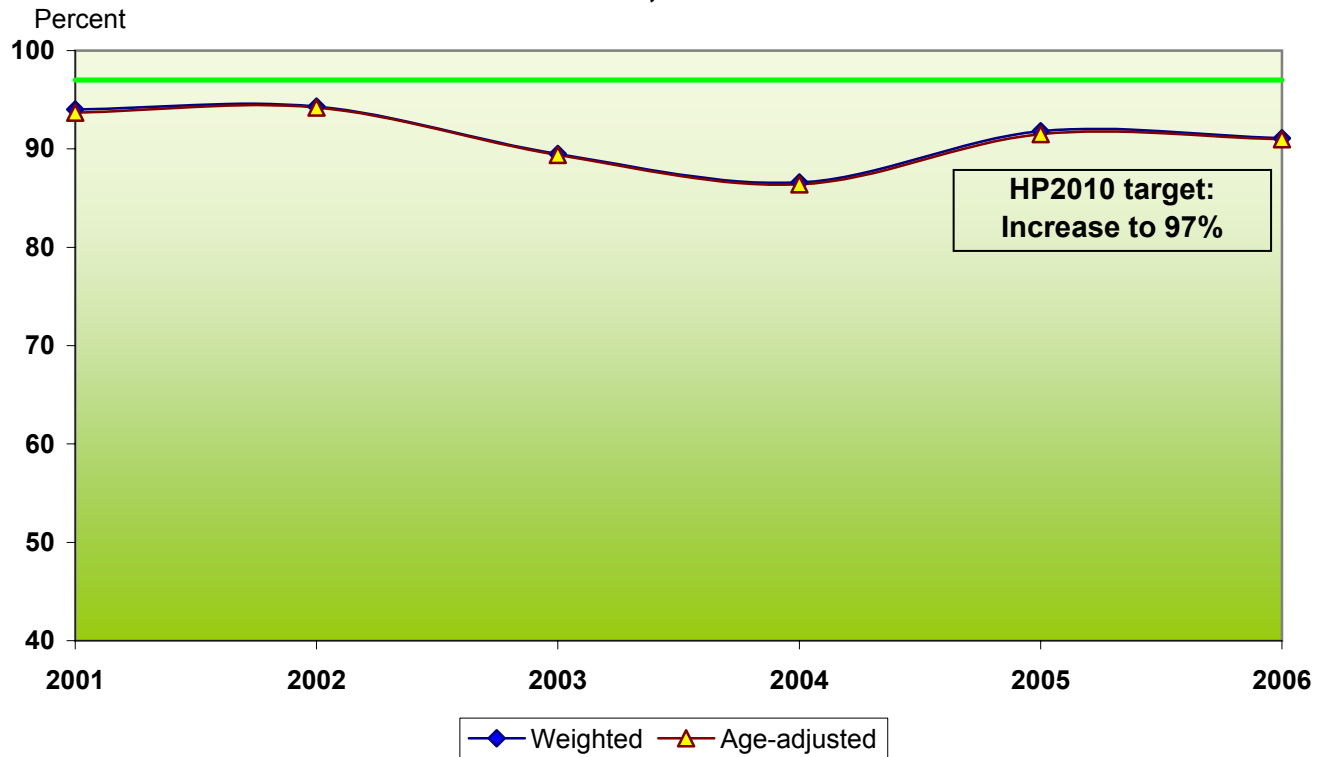


Fig. 3m

OBJECTIVE 3-11a

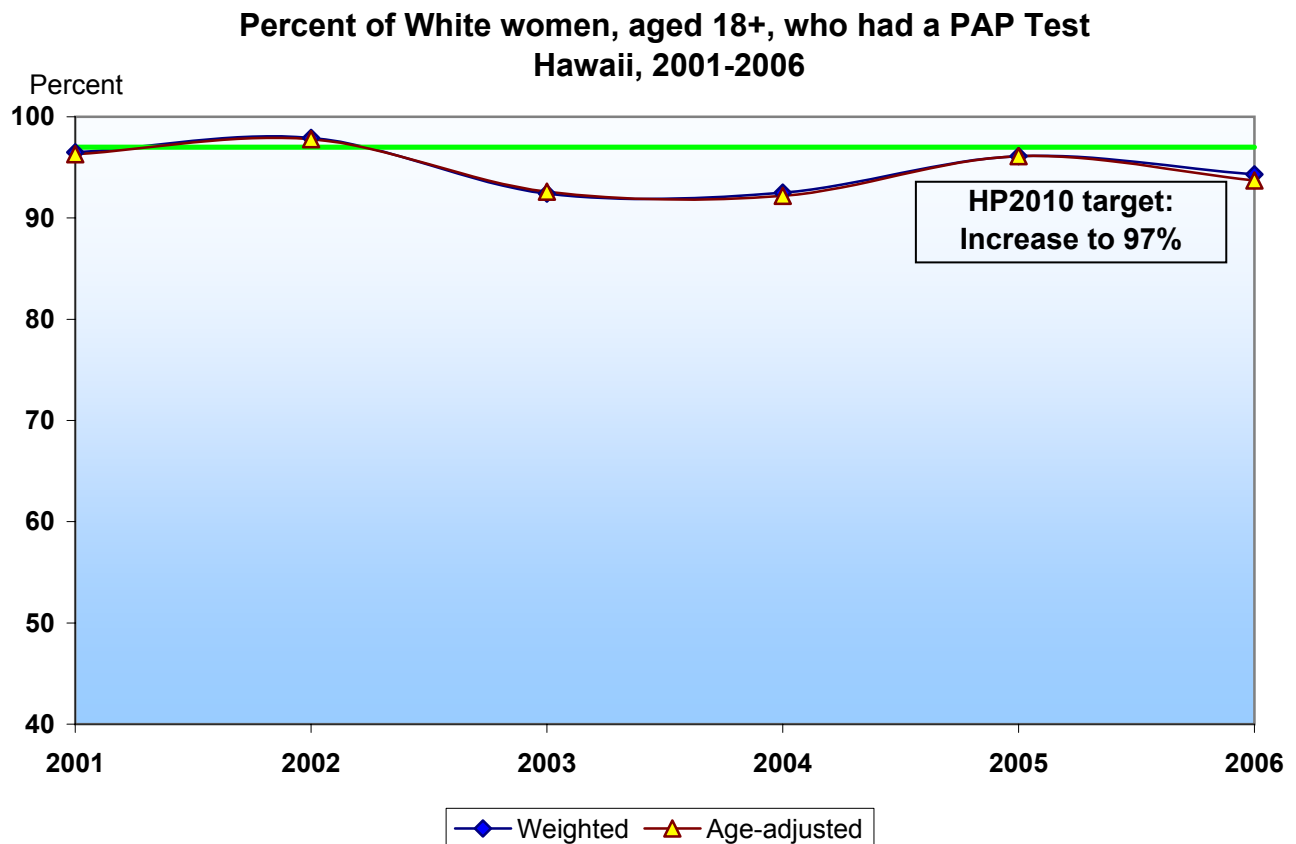
**Percent of women, aged 18+, who had a PAP Test
Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	2563	3395	2577	1324	1873	3716
Had a PAP Test	2433	3220	2337	1183	1720	3470
Weight percentage	94.0	94.3	89.5	86.6	91.8	91.1
95% C.I.	(92.4 - 95.2)	(93.1 - 95.2)	(87.8 - 90.9)	(83.3 - 89.3)	(90.0 - 93.3)	(89.6 - 92.5)
Age-adjusted percentage	93.7	94.2	89.4	86.4	91.5	91.0
95% C.I.	(92.1 - 95.0)	(93.0 - 95.2)	(87.7 - 90.9)	(83.1 - 89.2)	(89.6 - 93.1)	(89.4 - 92.3)
GOAL (%)	97	97	97	97	97	97

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

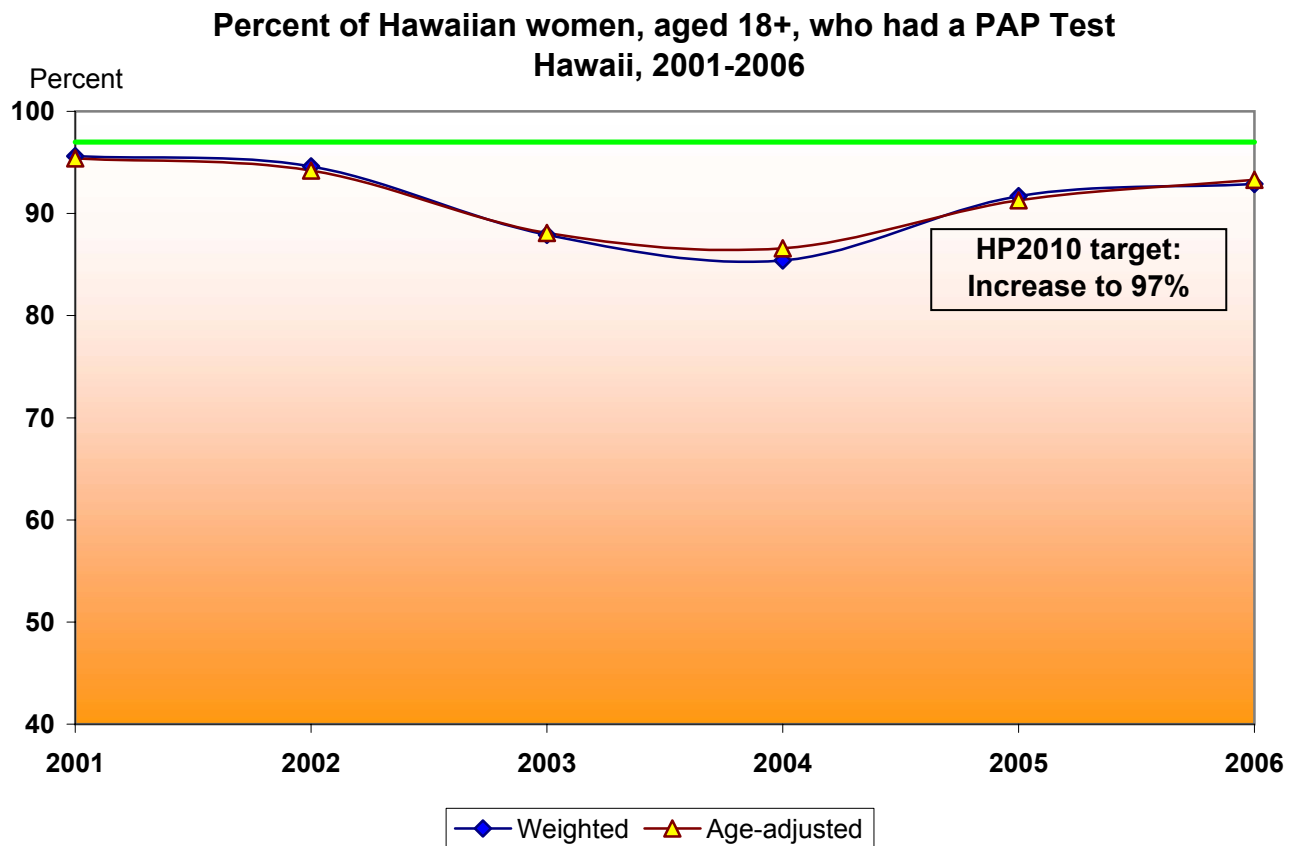
OBJECTIVE 3-11a/ SUPPLEMENT 1



YEAR	2001	2002	2003	2004	2005	2006
Sample size	1018	1341	934	510	783	1523
Had a PAP Test	983	1307	872	469	741	1456
Weight percentage	96.5	97.9	92.4	92.5	96.1	94.3
95% C.I.	(94.0 - 97.9)	(96.8 - 98.6)	(89.8 - 94.5)	(88.7 - 95.0)	(94.2 - 97.4)	(92.2 - 95.8)
Age-adjusted percentage	96.3	97.8	92.6	92.2	96.1	93.7
95% C.I.	(93.8 - 97.8)	(96.6 - 98.5)	(89.9 - 94.7)	(87.8 - 95.0)	(94.0 - 97.5)	(91.4 - 95.4)
GOAL (%)	97	97	97	97	97	97

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11a/ SUPPLEMENT 2

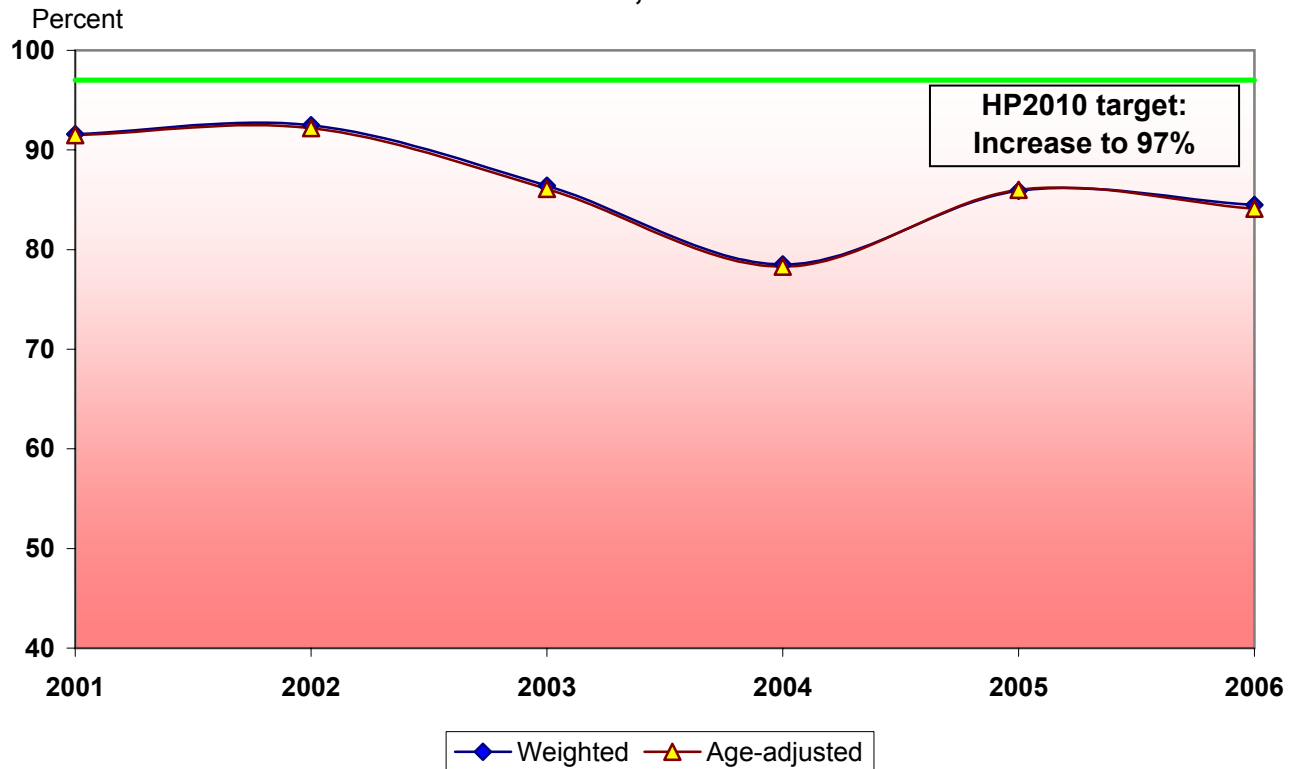


YEAR	2001	2002	2003	2004	2005	2006
Sample size	361	449	377	235	243	476
Had a PAP Test	345	425	336	205	224	445
Weight percentage	95.6	94.6	87.9	85.4	91.7	92.9
95% C.I.	(91.8 - 97.7)	(91.2 - 96.7)	(83.1 - 91.6)	(75.9 - 91.6)	(86.1 - 95.2)	(88.0 - 95.9)
Age-adjusted percentage	95.4	94.2	88.1	86.6	91.3	93.3
95% C.I.	(91.6 - 97.5)	(90.7 - 96.5)	(83.2 - 91.7)	(78.7 - 91.9)	(85.5 - 94.9)	(89.4 - 95.9)
GOAL (%)	97	97	97	97	97	97

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11a/ SUPPLEMENT 3

**Percent of Filipino women, aged 18+, who had a PAP test
Hawaii, 2001-2006**

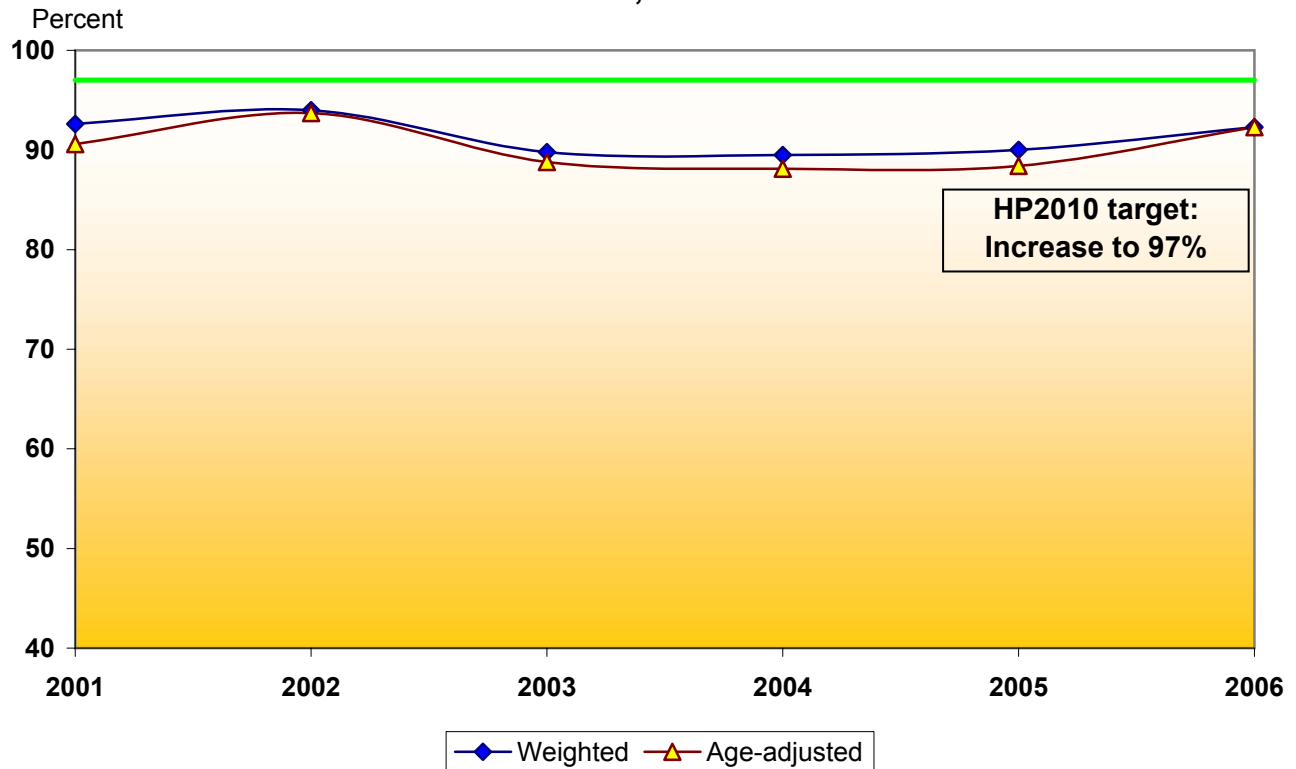


YEAR	2001	2002	2003	2004	2005	2006
Sample size	315	437	323	173	257	453
Had a PAP Test	294	408	280	149	221	401
Weight percentage	91.6	92.5	86.4	78.5	85.9	84.5
95% C.I.	(85.4 - 95.3)	(88.7 - 95.2)	(81.0 - 90.4)	(66.1 - 87.2)	(79.7 - 90.5)	(78.5 - 89.0)
Age-adjusted percentage	91.5	92.2	86.1	78.3	86.0	84.1
95% C.I.	(86.1 - 94.9)	(88.1 - 94.9)	(80.6 - 90.2)	(67.0 - 86.5)	(79.7 - 90.6)	(78.4 - 88.5)
GOAL (%)	97	97	97	97	97	97

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11a/ SUPPLEMENT 4

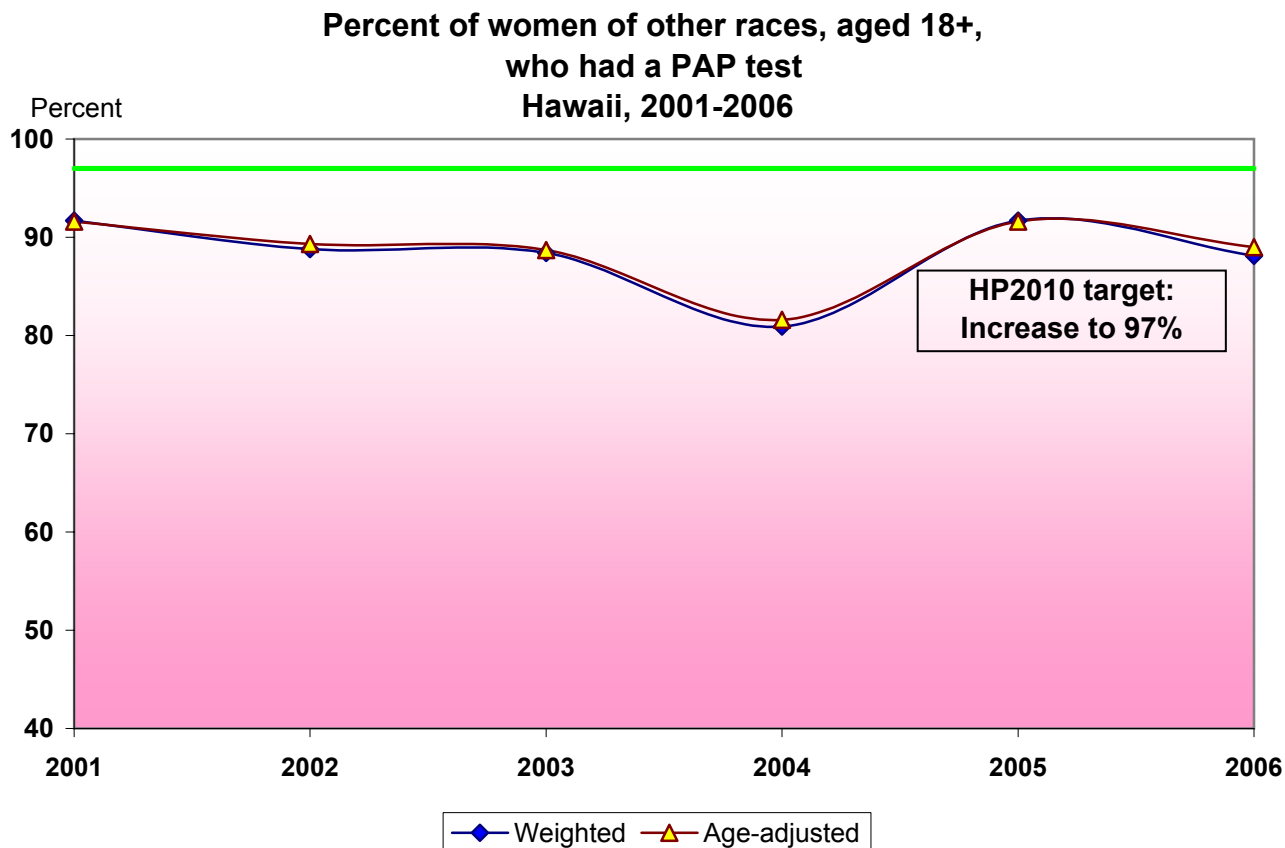
**Percent of Japanese women, aged 18+, who had a PAP Test
Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	515	710	481	271	360	746
Had a PAP Test	479	666	433	247	325	691
Weight percentage	92.6	94.0	89.8	89.5	90.0	92.3
95% C.I.	(89.0 - 95.1)	(91.6 - 95.8)	(85.7 - 92.7)	(83.8 - 93.3)	(85.6 - 93.2)	(89.3 - 94.5)
Age-adjusted percentage	90.6	93.7	88.8	88.1	88.4	92.3
95% C.I.	(85.3 - 94.1)	(90.6 - 95.8)	(83.0 - 92.8)	(80.5 - 93.1)	(83.5 - 92.0)	(88.4 - 94.9)
GOAL (%)	97	97	97	97	97	97

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11a/ SUPPLEMENT 5

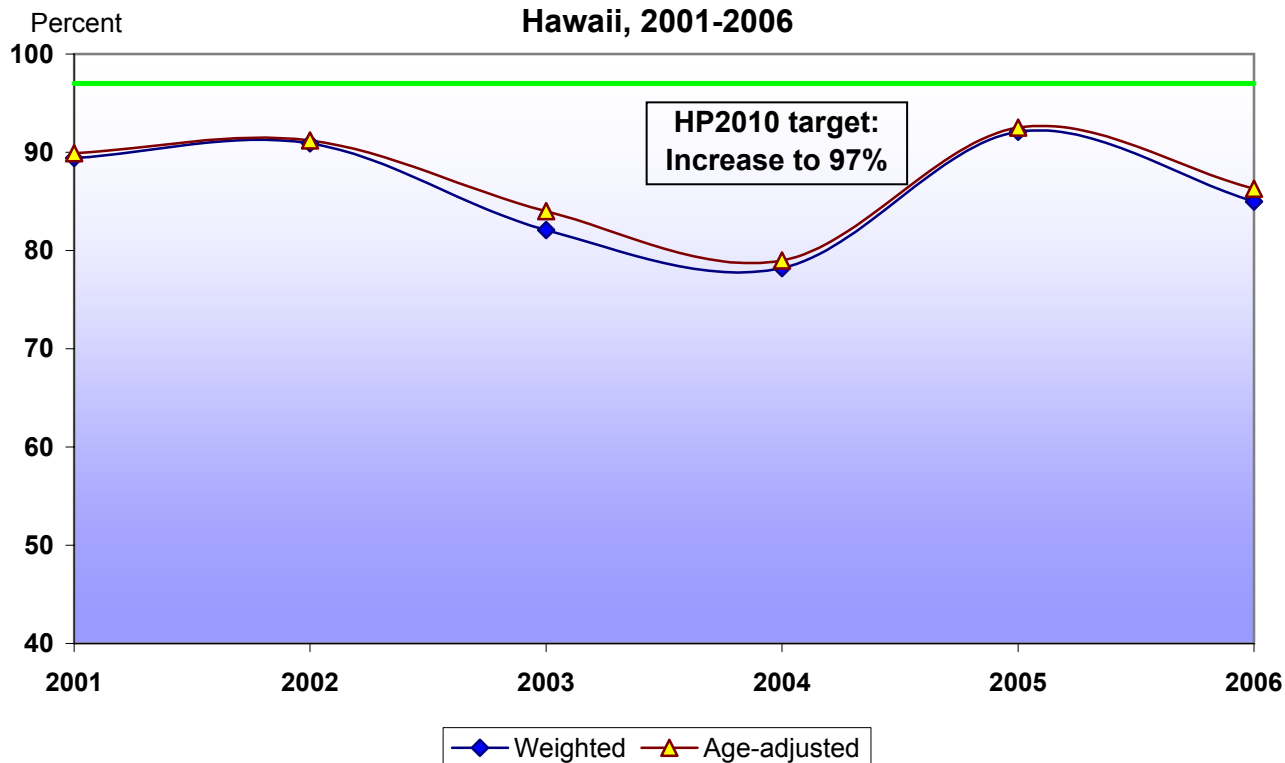


YEAR	2001	2002	2003	2004	2005	2006
Sample size	354	458	462	135	230	518
Had a PAP Test	332	414	416	113	209	477
Weight percentage	91.7	88.8	88.4	80.9	91.7	88.1
95% C.I.	(87.0 - 94.8)	(84.4 - 92.0)	(84.0 - 91.7)	(70.1 - 88.4)	(85.8 - 95.3)	(83.3 - 91.7)
Age-adjusted percentage	91.6	89.3	88.7	81.6	91.6	89.0
95% C.I.	(87.1 - 94.7)	(85.3 - 92.4)	(84.9 - 91.7)	(71.2 - 88.8)	(85.9 - 95.1)	(84.8 - 92.1)
GOAL (%)	97	97	97	97	97	97

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11a/ SUPPLEMENT 6

**Percent of women, aged 18+ , in low income households, who had a PAP Test
Hawaii, 2001-2006**

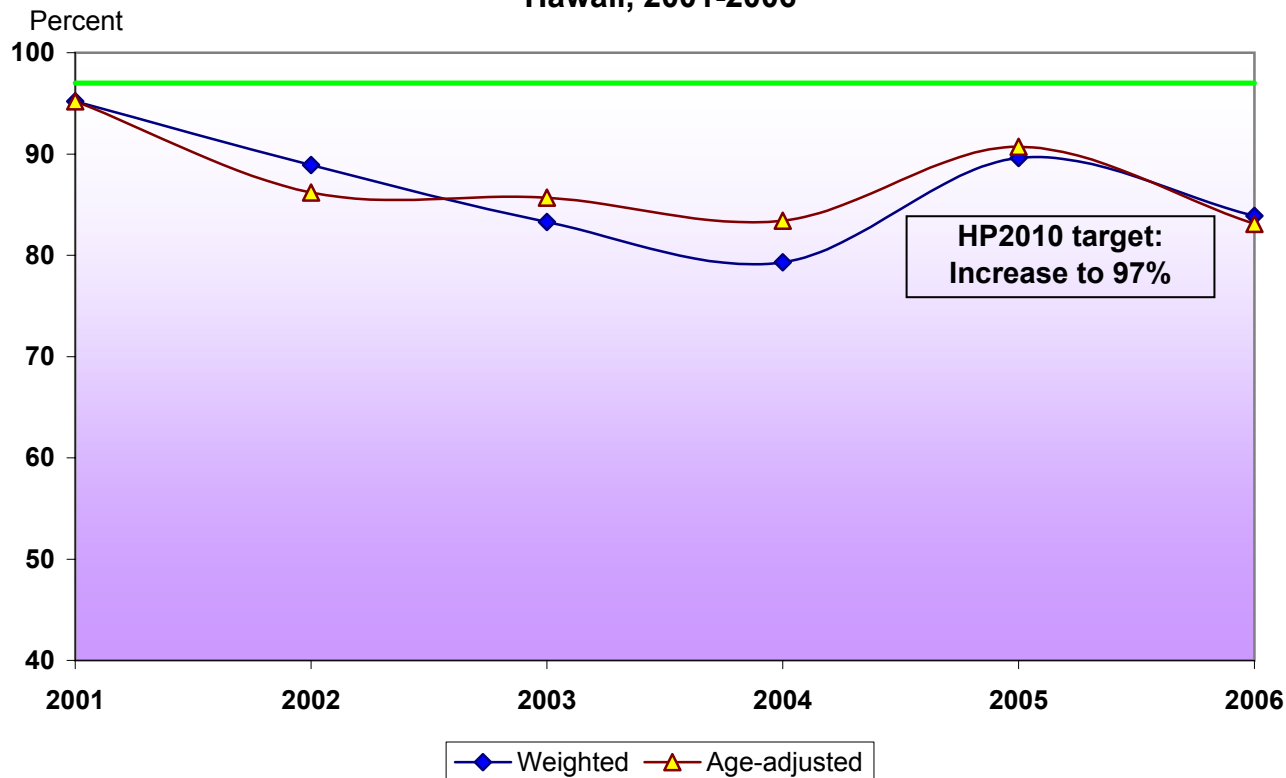


YEAR	2001	2002	2003	2004	2005	2006
Sample size	342	477	409	170	227	439
Had a PAP Test	310	433	344	140	203	392
Weight percentage	89.4	90.9	82.1	78.2	92.1	85.0
95% C.I.	(83.1 - 93.5)	(87.2 - 93.6)	(76.8 - 86.4)	(66.5 - 86.6)	(87.2 - 95.2)	(78.8 - 89.6)
Age-adjusted percentage	89.9	91.2	84.0	79.0	92.5	86.3
95% C.I.	(84.5 - 93.5)	(87.9 - 93.7)	(79.2 - 87.9)	(68.9 - 86.4)	(88.1 - 95.3)	(80.9 - 90.4)
GOAL (%)	97	97	97	97	97	97

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11a/ SUPPLEMENT 7

Percent of women, with less education, who had a PAP Test
Hawaii, 2001-2006

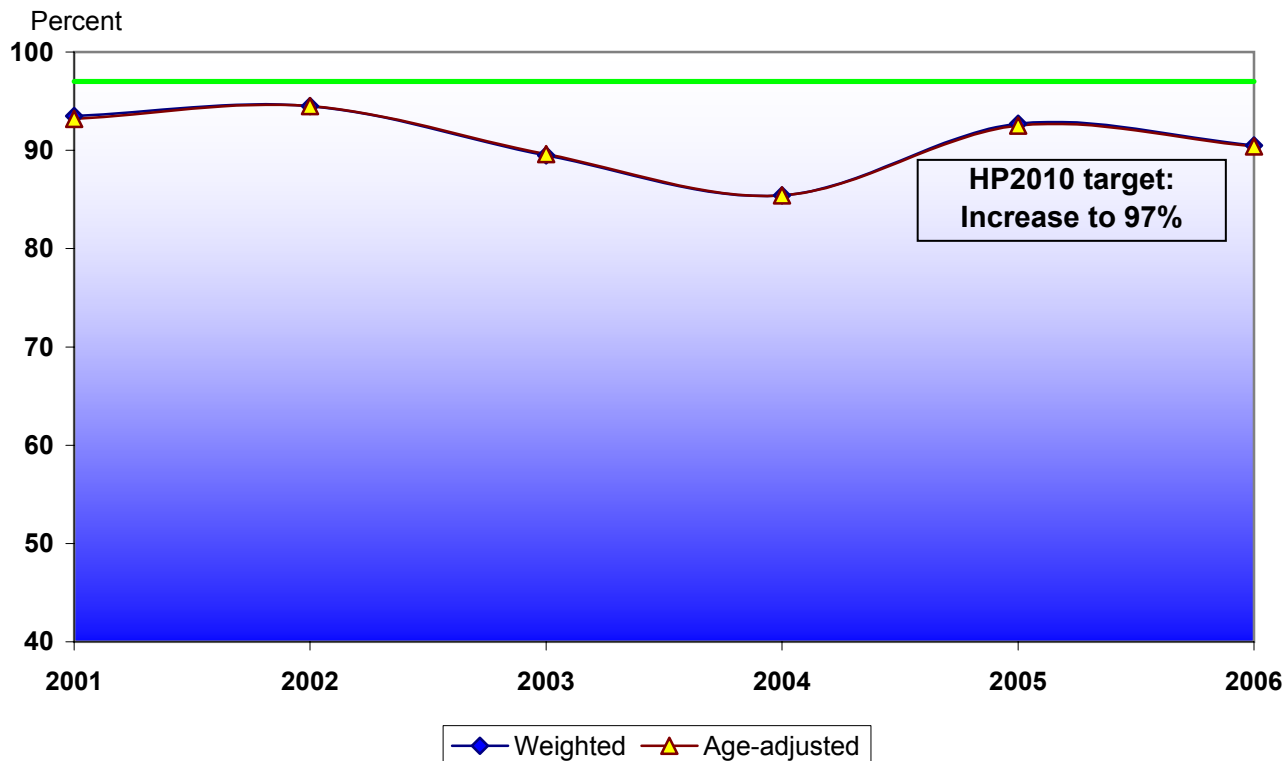


YEAR	2001	2002	2003	2004	2005	2006
Sample size	185	255	145	75	103	232
Had a PAP Test	169	227	118	59	82	195
Weight percentage	95.2	88.9	83.3	79.3	89.6	83.9
95% C.I.	(90.9 - 97.5)	(82.6 - 93.1)	(74.7 - 89.4)	(63.1 - 89.6)	(81.8 - 94.3)	(76.7 - 89.3)
Age-adjusted percentage	95.2	86.2	85.7	83.4	90.7	83.1
95% C.I.	(85.7 - 98.5)	(77.0 - 92.1)	(77.7 - 91.1)	(68.1 - 92.3)	(81.2 - 95.6)	(72.5 - 90.2)
GOAL (%)	97	97	97	97	97	97

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11a/ SUPPLEMENT 8

**Percent of women, aged 18+, who had a PAP Test
Honolulu county, Hawaii, 2001-2006**

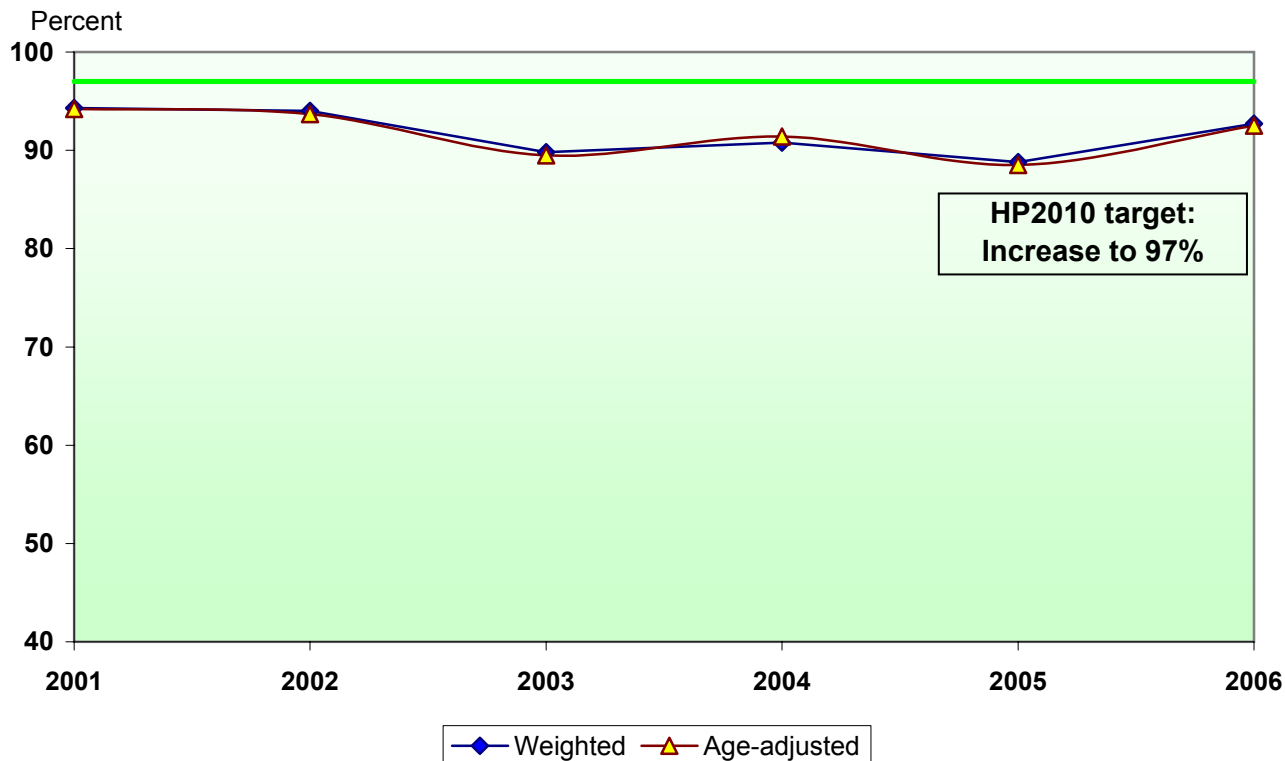


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1069	1619	1355	542	887	1666
Had a PAP Test	1003	1537	1225	478	822	1540
Weight percentage	93.5	94.5	89.5	85.4	92.7	90.5
95% C.I.	(91.4 - 95.1)	(93.0 - 95.7)	(87.4 - 91.4)	(81.0 - 89.0)	(90.5 - 94.4)	(88.4 - 92.2)
Age-adjusted percentage	93.2	94.5	89.6	85.4	92.5	90.4
95% C.I.	(91.1 - 94.8)	(93.0 - 95.6)	(87.4 - 91.4)	(81.0 - 88.9)	(90.1 - 94.3)	(88.3 - 92.1)
GOAL (%)	97	97	97	97	97	97

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11a/ SUPPLEMENT 9

**Percent of women, aged 18+, who had a PAP Test
Hawaii county, Hawaii, 2001-2006**

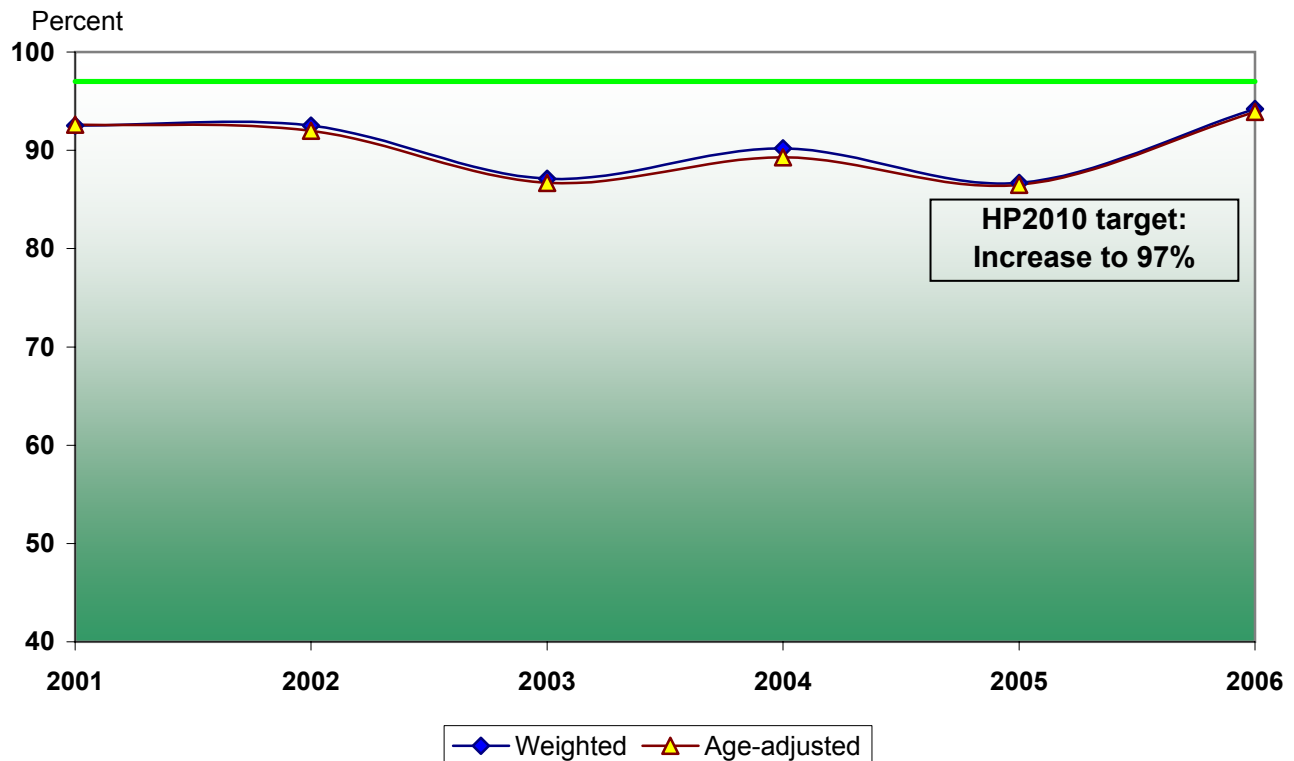


YEAR	2001	2002	2003	2004	2005	2006
Sample size	586	790	559	339	464	788
Had a PAP Test	559	746	515	302	426	746
Weight percentage	94.3	94	89.8	90.8	88.8	92.7
95% C.I.	(91.3 - 96.4)	(91.5 - 95.8)	(85.2 - 93.0)	(86.9 - 93.7)	(83.4 - 92.6)	(89.6 - 94.9)
Age-adjusted percentage	94.2	93.7	89.5	91.4	88.5	92.5
95% C.I.	(90.9 - 96.3)	(91.0 - 95.7)	(85.0 - 92.8)	(87.5 - 94.1)	(83.2 - 92.3)	(89.3 - 94.7)
GOAL (%)	97	97	97	97	97	97

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11a/ SUPPLEMENT 10

**Percent of women, aged 18+, who had a PAP Test
Kauai county, Hawaii, 2001-2006**

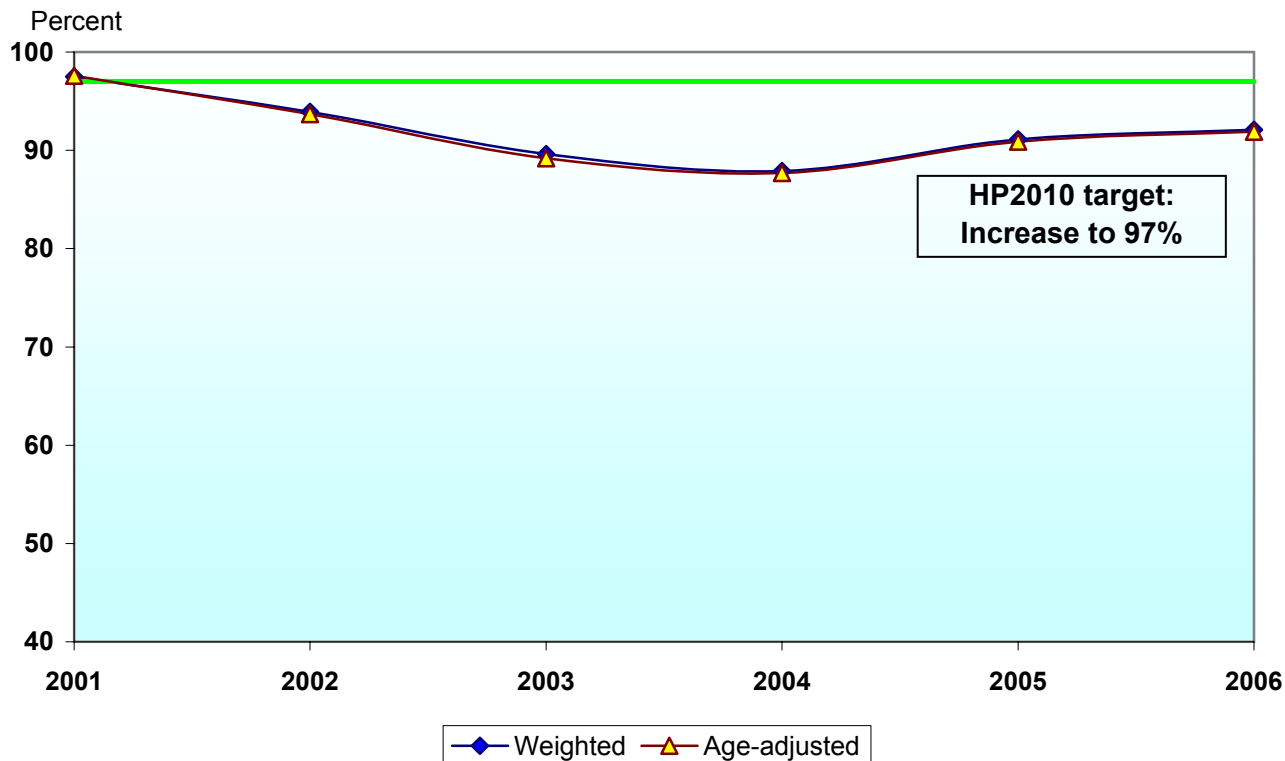


YEAR	2001	2002	2003	2004	2005	2006
Sample size	324	335	247	194	165	389
Had a PAP Test	301	316	218	179	145	367
Weight percentage	92.5	92.5	87.1	90.2	86.7	94.2
95% C.I.	(88.4 - 95.2)	(87.7 - 95.5)	(81.2 - 91.3)	(82.3 - 94.8)	(78.4 - 92.1)	(90.2 - 96.7)
Age-adjusted percentage	92.6	92	86.7	89.3	86.5	93.9
95% C.I.	(88.5 - 95.3)	(86.7 - 95.3)	(80.7 - 91.1)	(81.1 - 94.1)	(78.3 - 91.9)	(89.1 - 96.7)
GOAL (%)	97	97	97	97	97	97

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11a/ SUPPLEMENT 11

**Percent of women, aged 18+, who had a PAP Test
Maui county, Hawaii, 2001-2006**

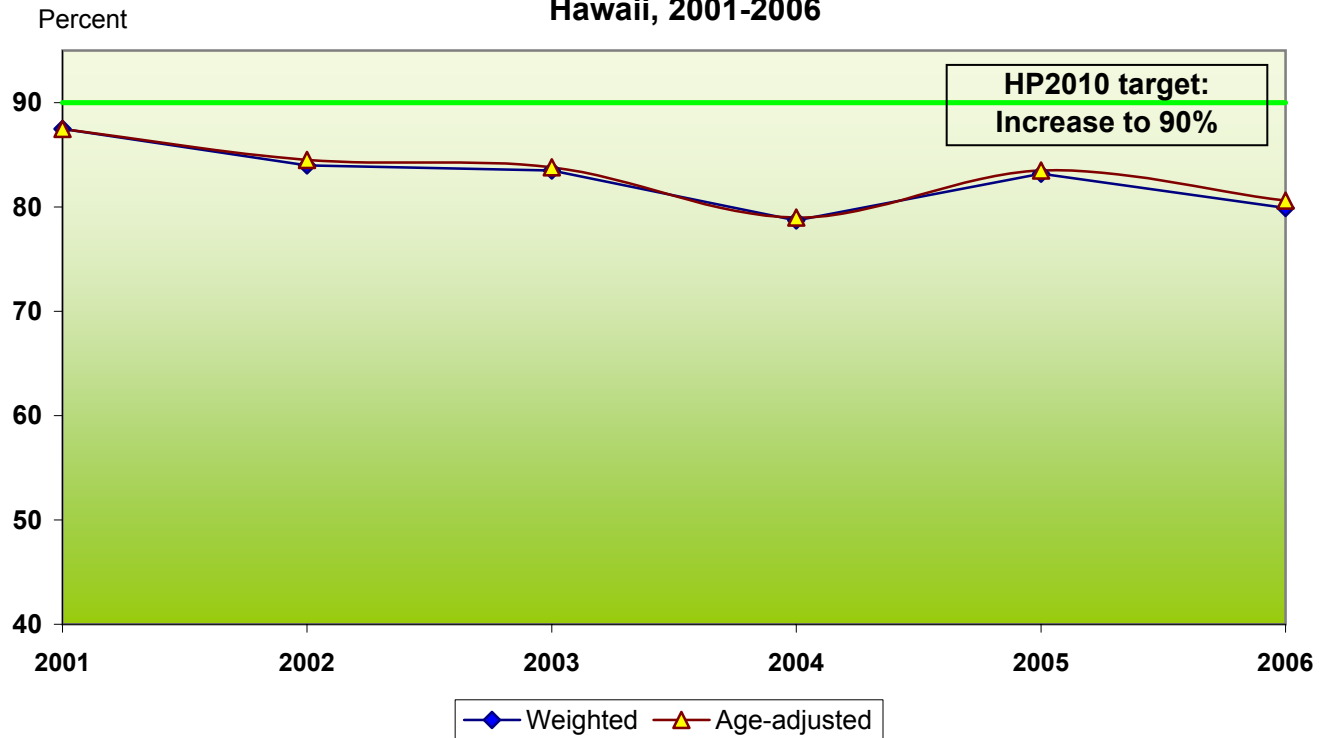


YEAR	2001	2002	2003	2004	2005	2006
Sample size	584	651	416	249	357	873
Had a PAP Test	570	621	379	224	327	817
Weight percentage	97.5	93.9	89.6	87.9	91.1	92.1
95% C.I.	(94.9 - 98.8)	(90.6 - 96.0)	(85.1 - 92.8)	(80.0 - 93.0)	(86.3 - 94.3)	(88.7 - 94.5)
Age-adjusted percentage	97.6	93.7	89.2	87.7	90.9	91.9
95% C.I.	(95.1 - 98.9)	(90.3 - 95.9)	(84.7 - 92.5)	(79.8 - 92.8)	(85.6 - 94.4)	(88.5 - 94.3)
GOAL (%)	97	97	97	97	97	97

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11b

**Percent of women, aged 18+, who had a PAP Test
within the past 3 years
Hawaii, 2001-2006**

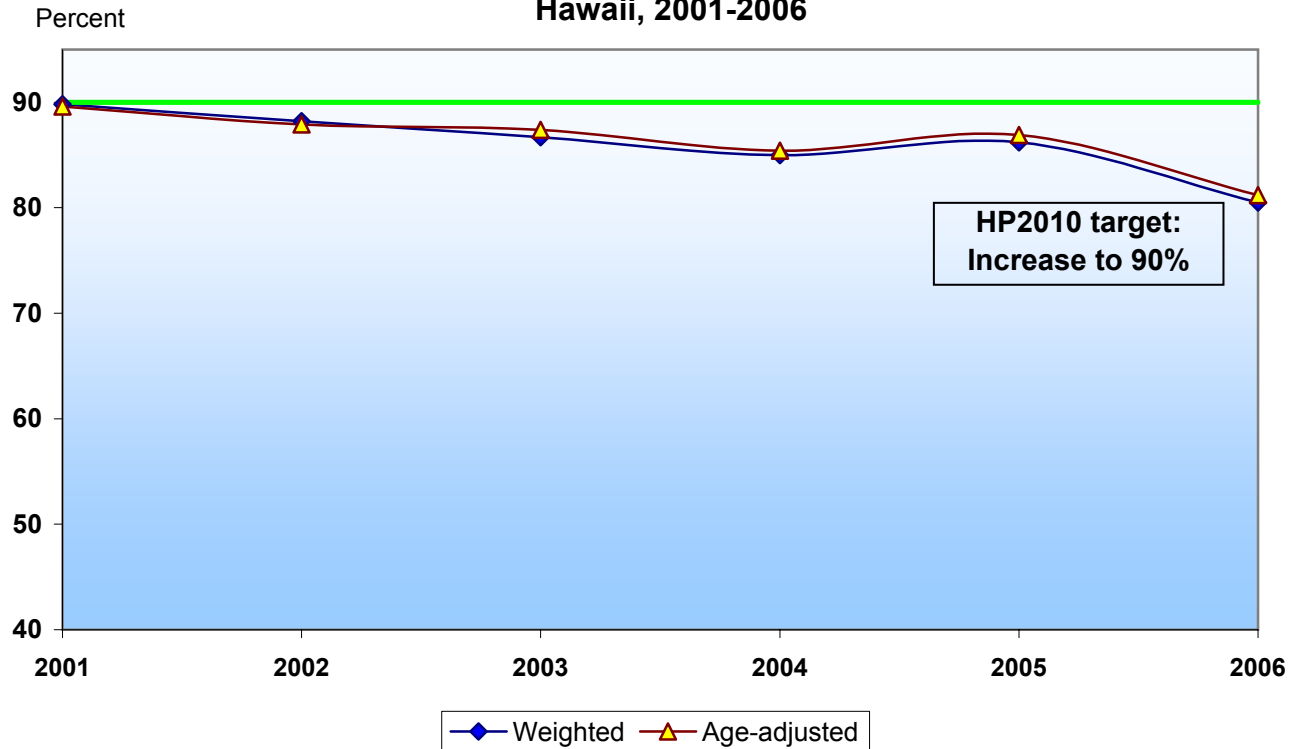


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2563	3395	2577	1324	1873	3716
Had a PAP Test within the past 3 years	2237	2831	2173	1055	1533	2971
Weight percentage	87.5	84.0	83.5	78.7	83.2	79.9
95% C.I.	(85.6 - 89.2)	(82.3 - 85.6)	(81.6 - 85.3)	(75.1 - 81.8)	(81.0 - 85.3)	(78.0 - 81.6)
Age-adjusted percentage	87.5	84.5	83.8	79.0	83.5	80.6
95% C.I.	(85.6 - 89.2)	(82.9 - 86.0)	(81.9 - 85.6)	(75.4 - 82.1)	(81.2 - 85.6)	(78.7 - 82.3)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11b/ SUPPLEMENT 1

**Percent of White women, aged 18+, who had a PAP Test within the past 3 years
Hawaii, 2001-2006**

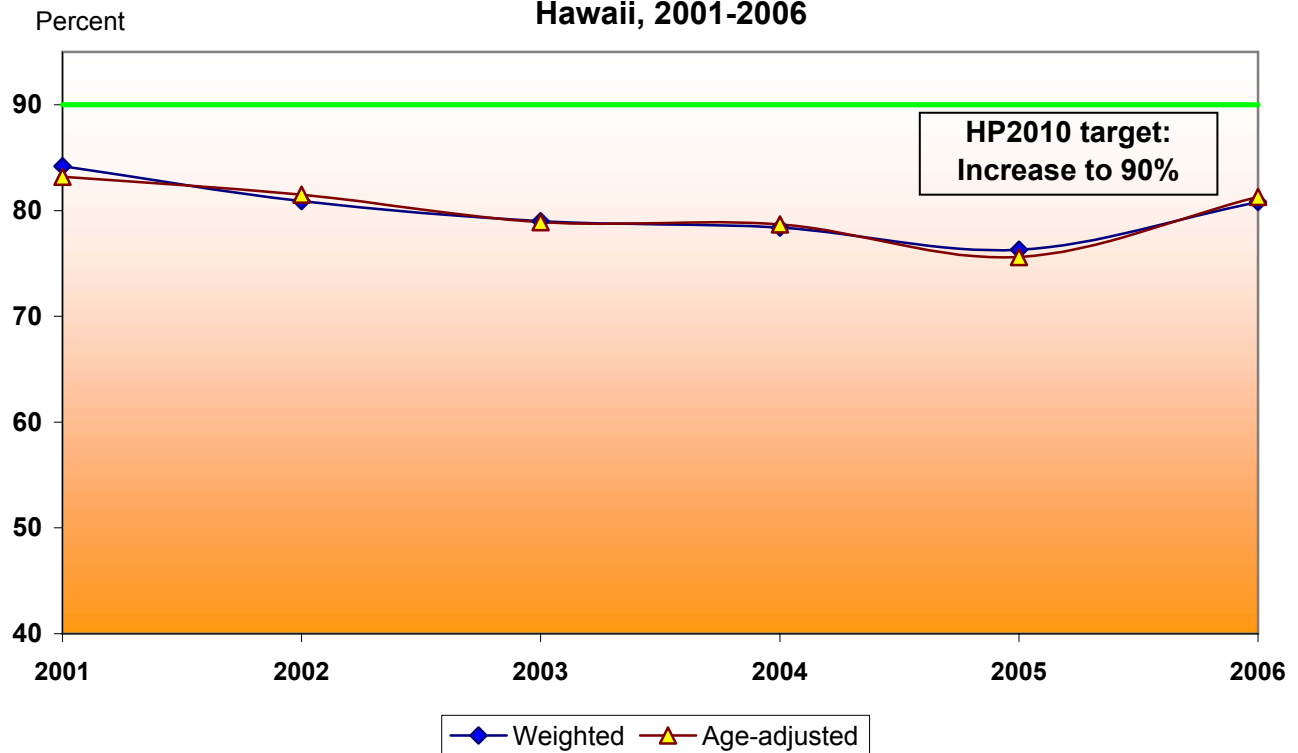


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1018	1341	934	510	783	1523
Had a PAP Test within the past 3 years	906	1159	809	416	646	1221
Weight percentage	89.8	88.2	86.7	85.0	86.2	80.5
95% C.I.	(86.8 - 92.3)	(85.5 - 90.4)	(83.7 - 89.2)	(80.7 - 88.5)	(83.2 - 88.8)	(77.6 - 83.0)
Age-adjusted percentage	89.6	87.9	87.4	85.4	86.9	81.2
95% C.I.	(86.4 - 92.1)	(85.3 - 90.1)	(84.4 - 89.8)	(80.8 - 89.0)	(83.8 - 89.4)	(78.2 - 83.9)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11b/ SUPPLEMENT 2

**Percent of Hawaiian women, aged 18+, who had a PAP Test
within the past 3 years
Hawaii, 2001-2006**

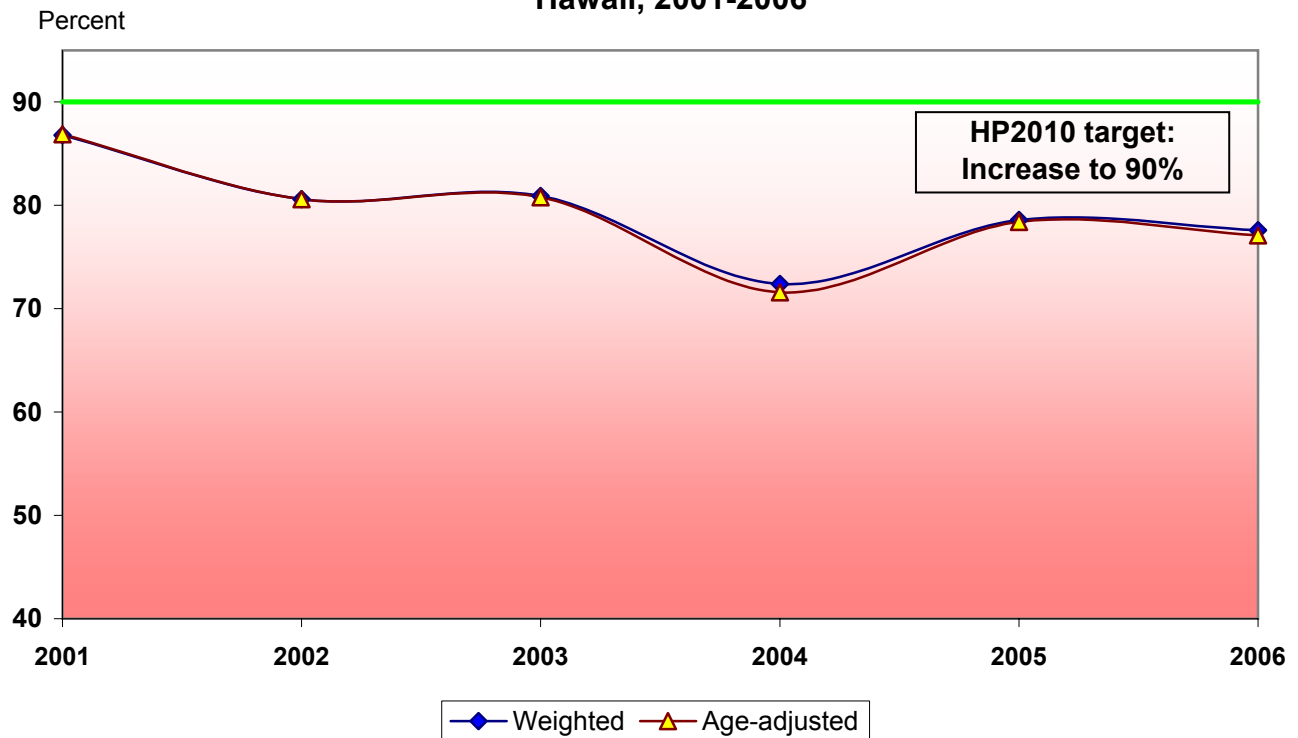


YEAR	2001	2002	2003	2004	2005	2006
Sample size	361	449	377	235	243	476
Had a PAP Test within the past 3 years	299	361	308	186	191	383
Weight percentage	84.2	80.9	79.0	78.4	76.3	80.8
95% C.I.	(78.5 - 88.7)	(75.6 - 85.4)	(73.2 - 83.8)	(69.2 - 85.4)	(68.4 - 82.8)	(75.1 - 85.5)
Age-adjusted percentage	83.2	81.5	78.9	78.7	75.6	81.3
95% C.I.	(77.6 - 87.6)	(76.3 - 85.8)	(73.3 - 83.5)	(70.5 - 85.1)	(68.0 - 82.0)	(76.1 - 85.6)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11b/ SUPPLEMENT 3

**Percent of Filipino women, aged 18+, who had a PAP test within the past 3 years
Hawaii, 2001-2006**

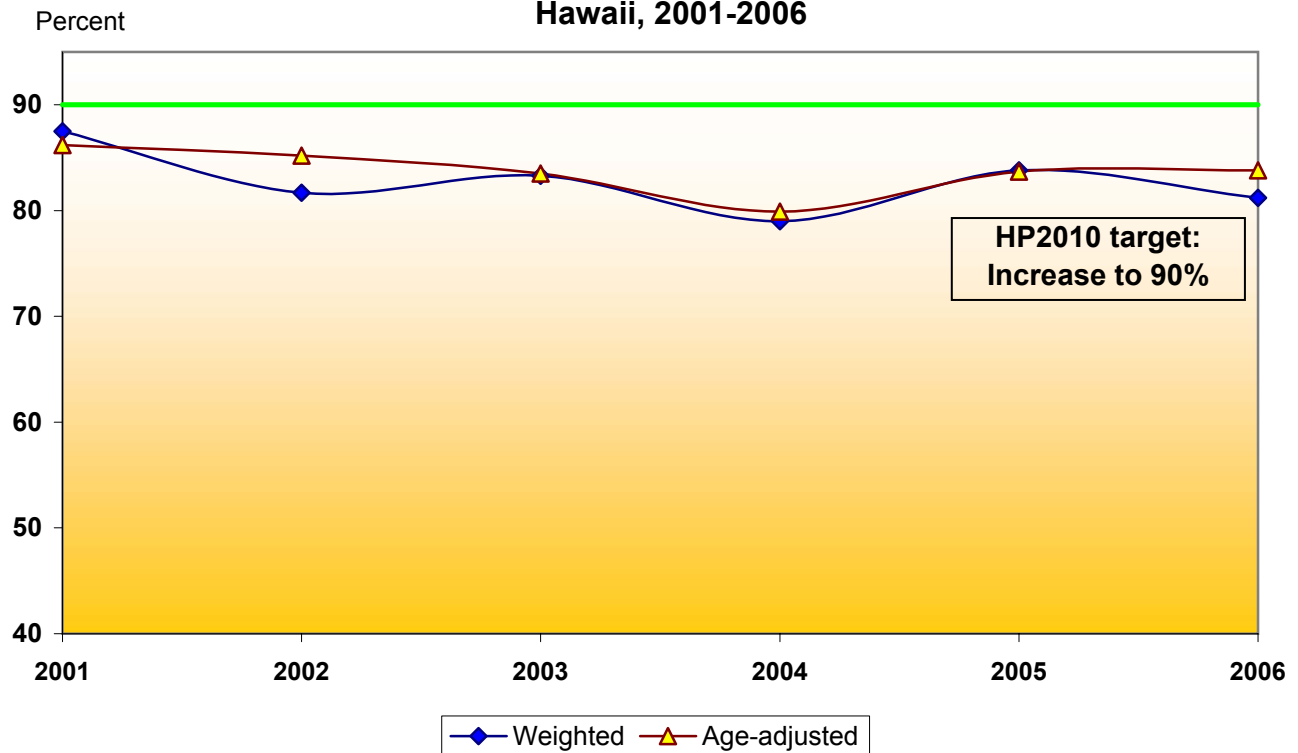


YEAR	2001	2002	2003	2004	2005	2006
Sample size	315	437	323	173	257	453
Had a PAP Test within the past 3 years	273	355	264	136	195	360
Weight percentage	86.8	80.6	80.9	72.4	78.6	77.6
95% C.I.	(80.2 - 91.4)	(75.2 - 85.0)	(74.9 - 85.7)	(60.3 - 81.8)	(71.6 - 84.3)	(71.2 - 82.9)
Age-adjusted percentage	86.9	80.6	80.8	71.6	78.4	77.1
95% C.I.	(80.9 - 91.2)	(75.3 - 85.0)	(74.7 - 85.6)	(60.2 - 80.8)	(71.6 - 84.0)	(70.7 - 82.4)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11b/ SUPPLEMENT 4

**Percent of Japanese women, aged 18+, who had a PAP Test within the past 3 years
Hawaii, 2001-2006**

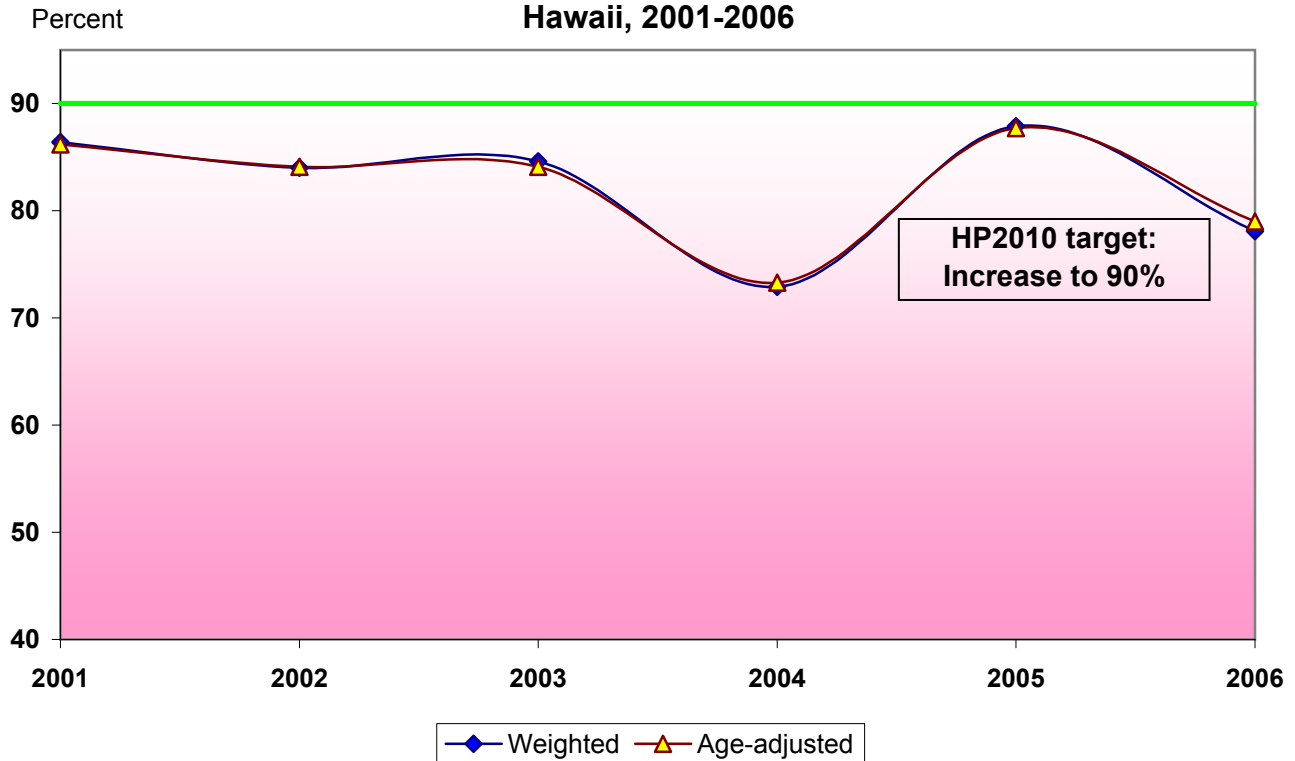


YEAR	2001	2002	2003	2004	2005	2006
Sample size	515	710	481	271	360	746
Had a PAP Test within the past 3 years	448	577	397	213	303	591
Weight percentage	87.5	81.7	83.3	79.0	83.8	81.2
95% C.I.	(83.4 - 90.6)	(78.0 - 84.9)	(78.8 - 87.0)	(71.9 - 84.6)	(78.6 - 87.9)	(77.5 - 84.5)
Age-adjusted percentage	86.2	85.2	83.5	79.9	83.7	83.8
95% C.I.	(80.6 - 90.3)	(81.5 - 88.2)	(77.6 - 88.1)	(71.7 - 86.1)	(78.2 - 88.1)	(79.7 - 87.3)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11b/ SUPPLEMENT 5

Percent of women of other races, aged 18+, who had a PAP test within the past 3 years
Hawaii, 2001-2006

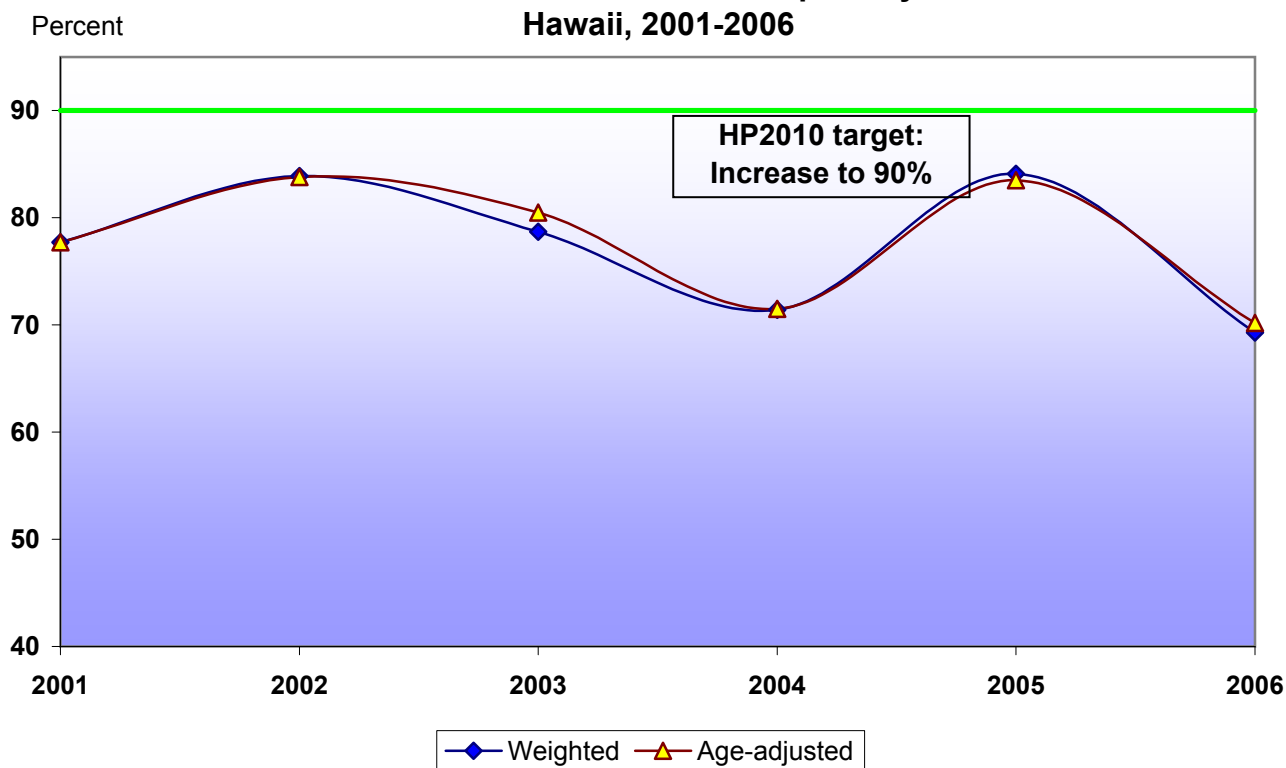


YEAR	2001	2002	2003	2004	2005	2006
Sample size	354	458	462	135	230	518
Had a PAP Test within the past 3 years	311	379	395	104	198	416
Weight percentage	86.4	84.0	84.6	72.9	87.9	78.1
95% C.I.	(81.3 - 90.3)	(79.5 - 87.7)	(80.0 - 88.2)	(61.2 - 82.0)	(81.7 - 92.2)	(72.8 - 82.7)
Age-adjusted percentage	86.2	84.1	84.1	73.3	87.7	79.0
95% C.I.	(81.2 - 90.1)	(79.8 - 87.6)	(79.8 - 87.6)	(62.4 - 82.0)	(81.7 - 91.9)	(74.3 - 83.1)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11b/ SUPPLEMENT 6

Percent of women, aged 18+ , in low income households, who had a PAP Test within the past 3 years

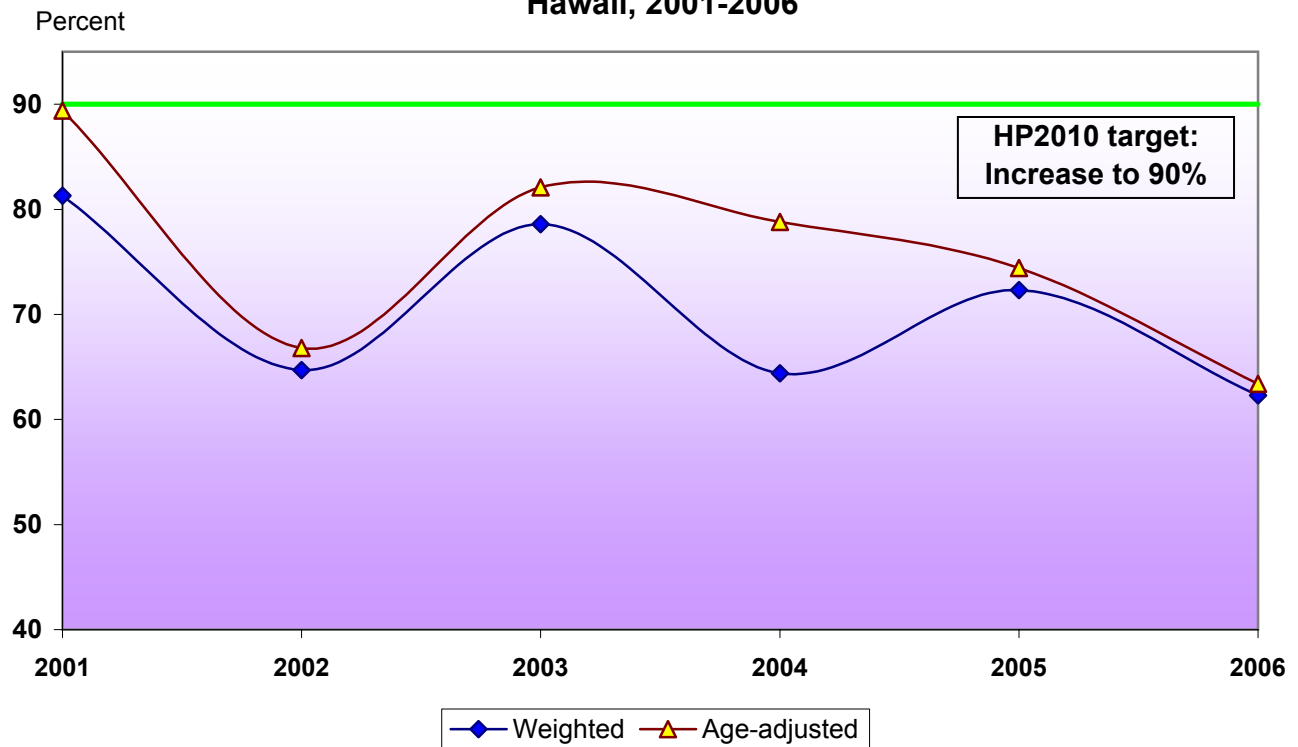


YEAR	2001	2002	2003	2004	2005	2006
Sample size	342	477	409	170	227	439
Had a PAP Test within the past 3 years	276	389	323	117	182	320
Weight percentage	77.7	83.9	78.7	71.4	84.1	69.3
95% C.I.	(70.1 - 83.8)	(79.4 - 87.6)	(73.4 - 83.3)	(60.1 - 80.5)	(77.1 - 89.3)	(62.4 - 75.5)
Age-adjusted percentage	77.7	83.8	80.5	71.5	83.5	70.2
95% C.I.	(70.2 - 83.7)	(79.5 - 87.4)	(75.5 - 84.7)	(61.2 - 80.0)	(76.7 - 88.6)	(63.4 - 76.2)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11b/ SUPPLEMENT 7

**Percent of women, with less education, who had a PAP Test
within the past 3 years
Hawaii, 2001-2006**

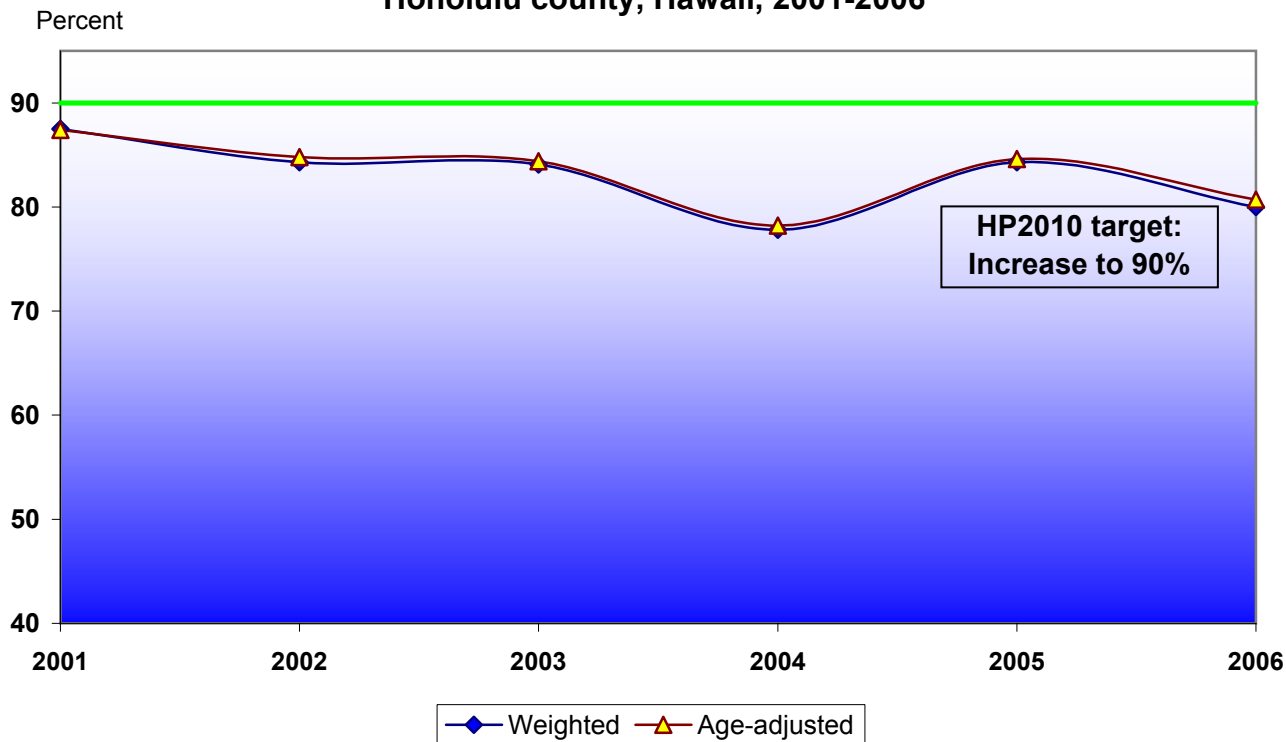


YEAR	2001	2002	2003	2004	2005	2006
Sample size	185	255	145	75	103	232
Had a PAP Test within the past 3 years	137	162	107	45	65	144
Weight percentage	81.3	64.7	78.6	64.4	72.3	62.3
95% C.I.	(72.9 - 87.6)	(56.2 - 72.3)	(69.8 - 85.3)	(49.0 - 77.4)	(60.2 - 81.9)	(53.7 - 70.2)
Age-adjusted percentage	89.4	66.8	82.1	78.8	74.4	63.4
95% C.I.	(81.4 - 94.2)	(56.9 - 75.4)	(73.9 - 88.2)	(64.3 - 88.5)	(60.3 - 84.8)	(52.5 - 73.1)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11b/ SUPPLEMENT 8

**Percent of women, aged 18+, who had a PAP Test
within the past 3 years
Honolulu county, Hawaii, 2001-2006**

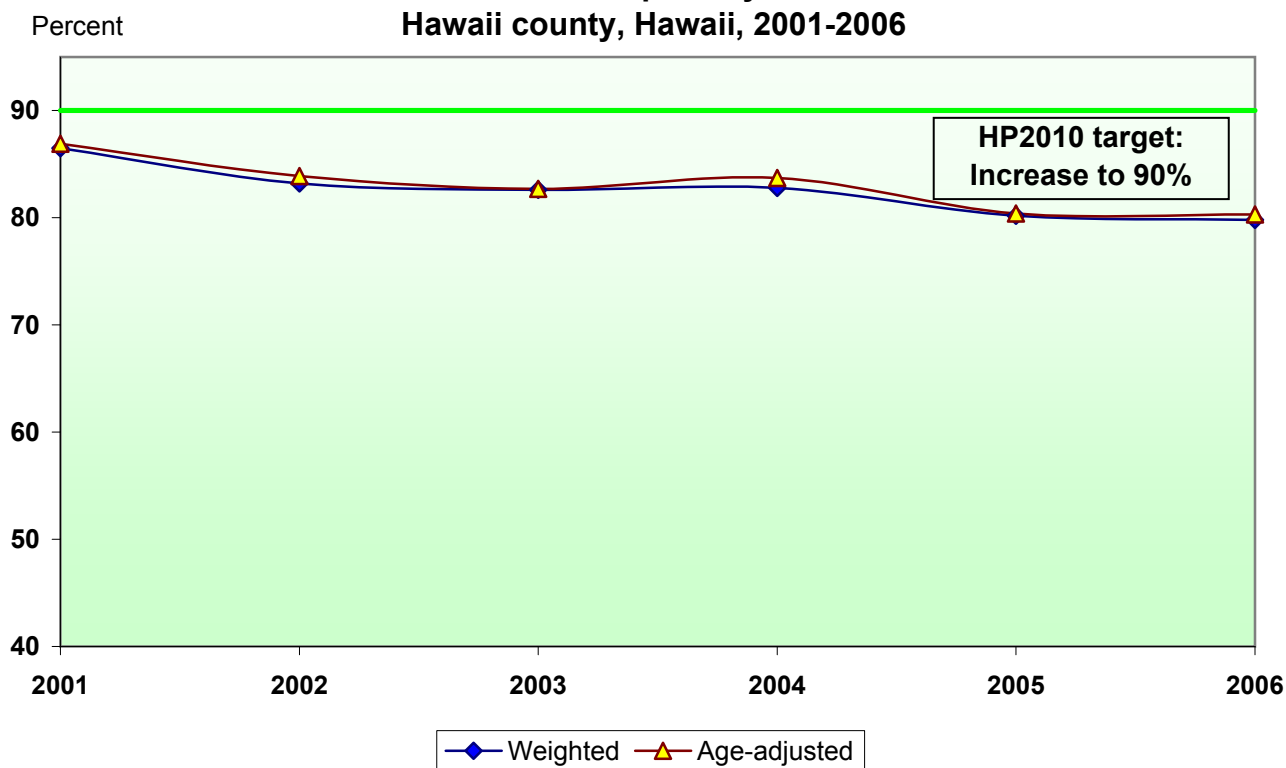


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1069	1619	1355	542	887	1666
Had a PAP Test within the past 3 years	931	1372	1150	432	739	1345
Weight percentage	87.5	84.3	84.1	77.8	84.3	80.0
95% C.I.	(85.0 - 89.7)	(82.1 - 86.3)	(81.6 - 86.2)	(73.1 - 82.0)	(81.4 - 86.9)	(77.5 - 82.3)
Age-adjusted percentage	87.4	84.8	84.4	78.2	84.6	80.7
95% C.I.	(84.8 - 89.5)	(82.7 - 86.8)	(81.9 - 86.6)	(73.4 - 82.2)	(81.6 - 87.1)	(78.2 - 83.0)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11b/ SUPPLEMENT 9

**Percent of women, aged 18+, who had a PAP Test
within the past 3 years**

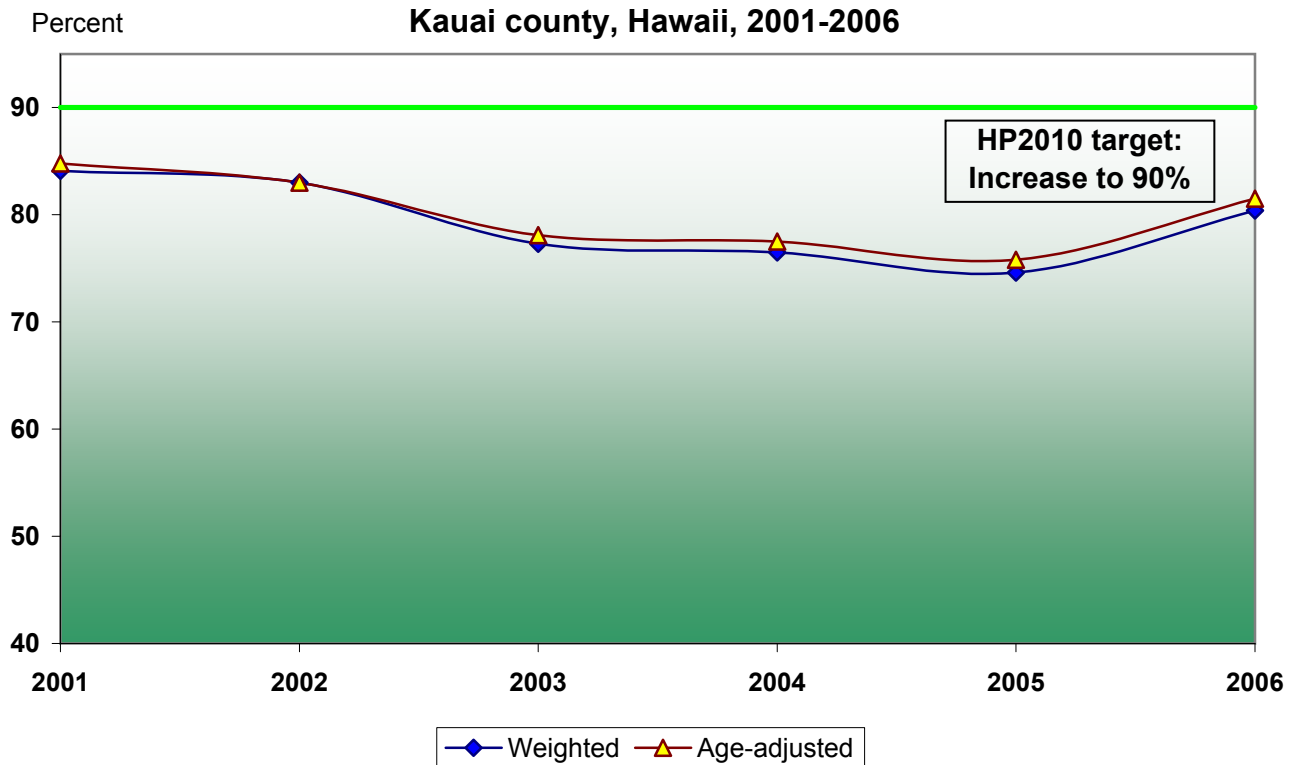


YEAR	2001	2002	2003	2004	2005	2006
Sample size	586	790	559	339	464	788
Had a PAP Test within the past 3 years	509	643	478	270	381	631
Weight percentage	86.5	83.2	82.6	82.8	80.2	79.8
95% C.I.	(82.9 - 89.5)	(80.1 - 86.0)	(77.6 - 86.7)	(77.9 - 86.8)	(74.7 - 84.8)	(76.1 - 83.1)
Age-adjusted percentage	86.9	83.9	82.7	83.7	80.4	80.3
95% C.I.	(83.1 - 89.8)	(80.7 - 86.7)	(77.9 - 86.7)	(78.9 - 87.6)	(74.6 - 85.1)	(76.5 - 83.6)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11b/ SUPPLEMENT 10

Percent of women, aged 18+, who had a PAP Test within the past 3 years

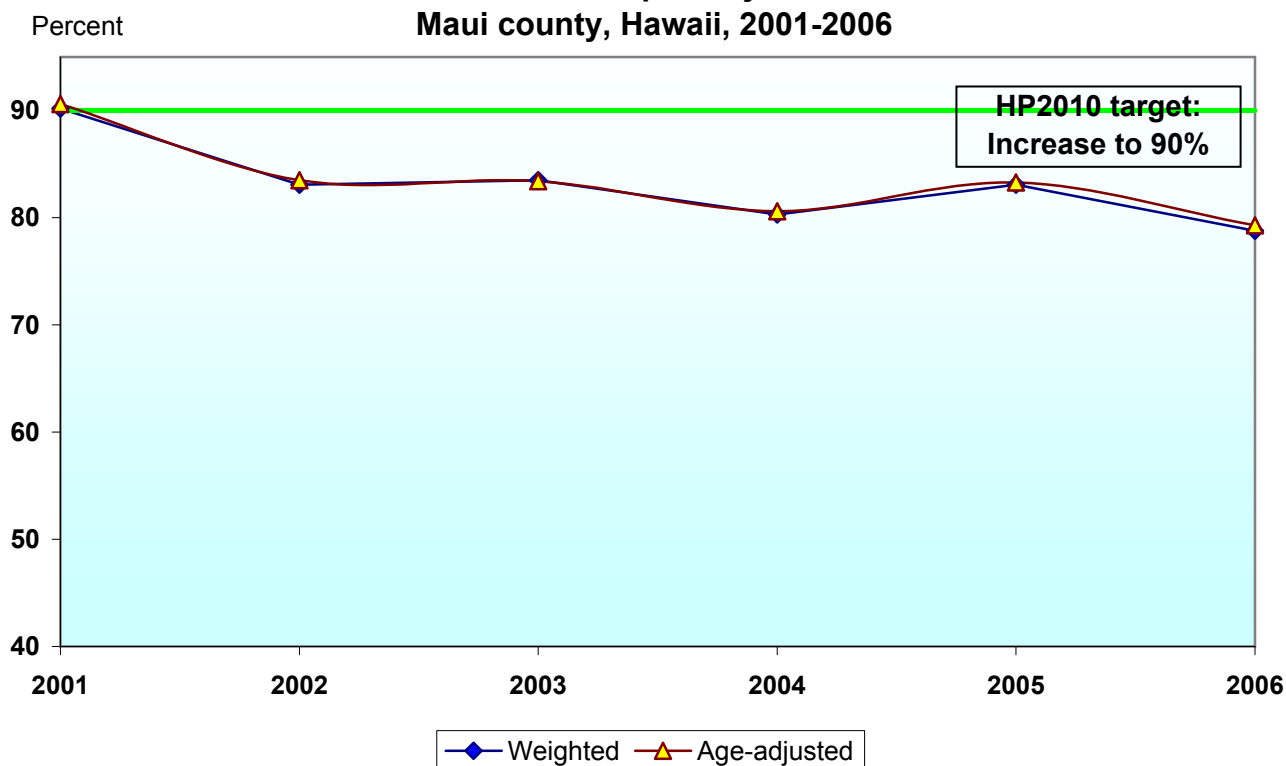


YEAR	2001	2002	2003	2004	2005	2006
Sample size	324	335	247	194	165	389
Had a PAP Test within the past 3 years	276	279	192	152	126	304
Weight percentage	84.1	83.0	77.3	76.5	74.6	80.4
95% C.I.	(78.9 - 88.1)	(77.7 - 87.3)	(70.7 - 82.7)	(68.4 - 83.0)	(65.6 - 82.0)	(75.4 - 84.6)
Age-adjusted percentage	84.8	83.0	78.1	77.5	75.8	81.5
95% C.I.	(79.9 - 88.6)	(77.3 - 87.5)	(71.9 - 83.3)	(69.3 - 84.0)	(66.8 - 83.0)	(76.3 - 85.7)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-11b/ SUPPLEMENT 11

**Percent of women, aged 18+, who had a PAP Test
within the past 3 years**

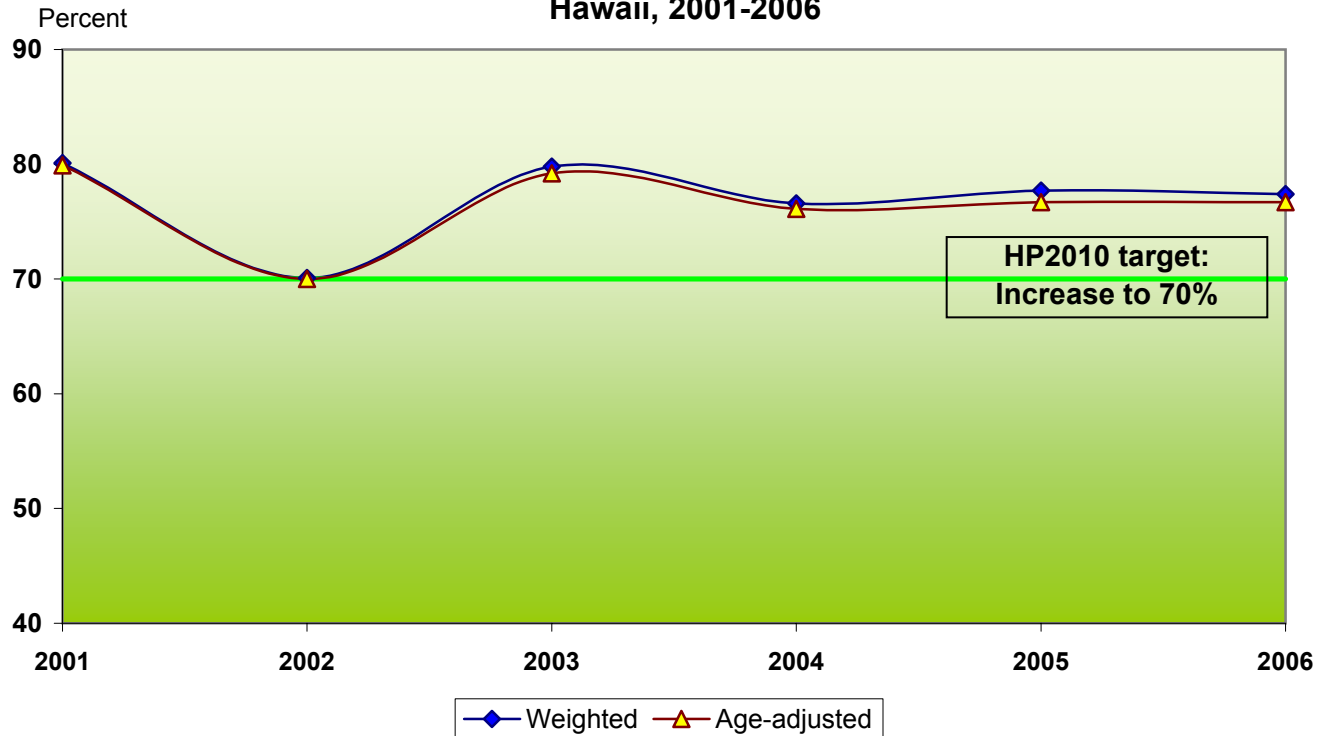


YEAR	2001	2002	2003	2004	2005	2006
Sample size	584	651	416	249	357	873
Had a PAP Test within the past 3 years	521	537	353	201	287	691
Weight percentage	90.2	83.1	83.5	80.3	83.1	78.8
95% C.I.	(86.9 - 92.7)	(79.3 - 86.4)	(78.6 - 87.5)	(72.4 - 86.4)	(77.8 - 87.3)	(74.8 - 82.3)
Age-adjusted percentage	90.6	83.5	83.4	80.6	83.3	79.3
95% C.I.	(87.5 - 93.0)	(79.8 - 86.6)	(78.3 - 87.4)	(72.7 - 86.6)	(77.9 - 87.6)	(75.3 - 82.7)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-13

**Percent of women, aged 40+, who had a mammogram
within the past 2 years
Hawaii, 2001-2006**

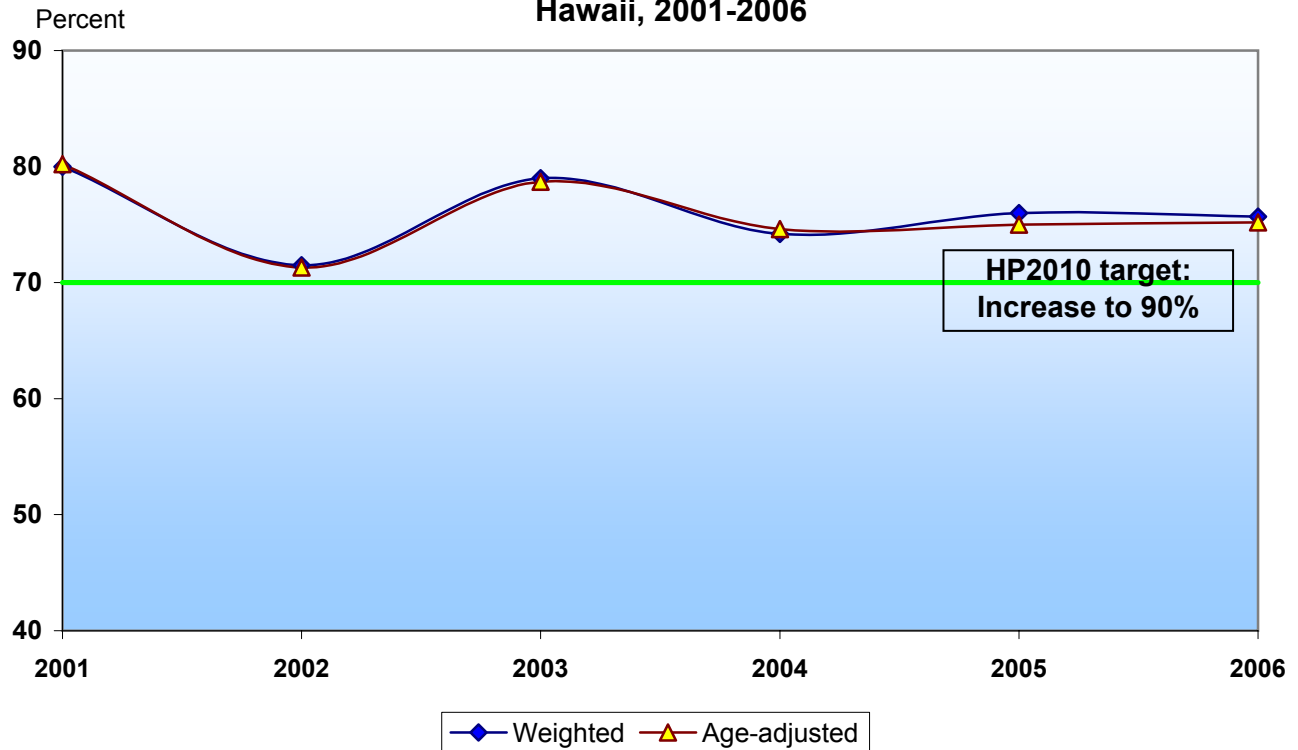


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1721	2329	1737	923	1380	2786
Had a mammogram within the past 2 years	1328	1637	1389	689	1063	2150
Weight percentage	80.1	70.1	79.8	76.6	77.7	77.4
95% C.I.	(77.5 - 82.5)	(67.6 - 72.5)	(77.3 - 82.1)	(72.5 - 80.3)	(74.6 - 80.5)	(75.1 - 79.5)
Age-adjusted percentage	79.9	70.0	79.2	76.1	76.7	76.7
95% C.I.	(77.3 - 82.3)	(67.4 - 72.4)	(76.6 - 81.5)	(71.9 - 79.9)	(73.5 - 79.6)	(74.4 - 78.9)
GOAL (%)	70	70	70	70	70	70

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-13/ SUPPLEMENT 1

**Percent of White women, aged 40+, who had a mammogram within the past 2 years
Hawaii, 2001-2006**

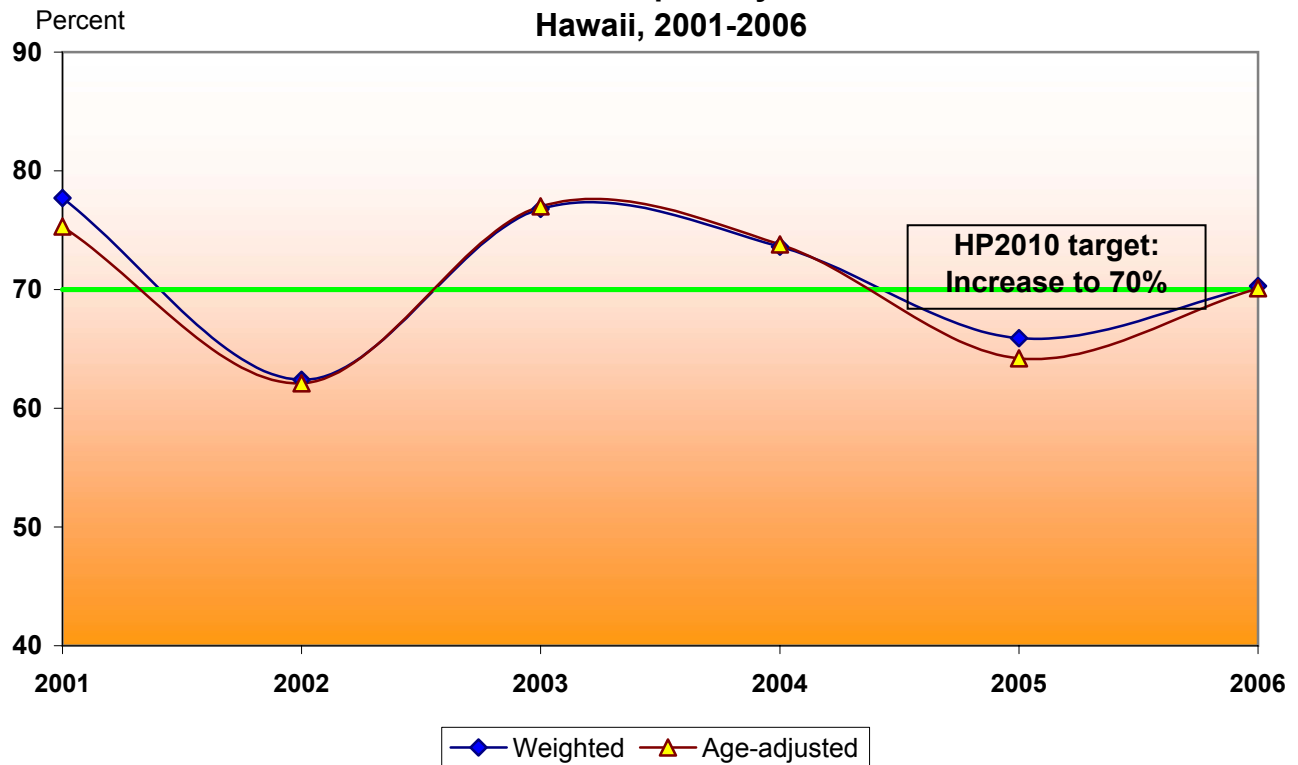


YEAR	2001	2002	2003	2004	2005	2006
Sample size	708	946	658	382	607	1183
Had a mammogram within the past 2 years	540	677	521	274	460	891
Weight percentage	80.0	71.5	79.0	74.2	76.0	75.7
95% C.I.	(75.9 - 83.5)	(67.2 - 75.4)	(74.9 - 82.6)	(67.6 - 79.9)	(71.2 - 80.3)	(72.4 - 78.8)
Age-adjusted percentage	80.2	71.3	78.7	74.6	75.0	75.2
95% C.I.	(76.2 - 83.6)	(66.9 - 75.3)	(74.5 - 82.4)	(67.8 - 80.4)	(70.0 - 79.5)	(71.7 - 78.3)
GOAL (%)	70	70	70	70	70	70

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-13/ SUPPLEMENT 2

**Percent of Hawaiian women, aged 40+, who had a mammogram within the past 2 years
Hawaii, 2001-2006**

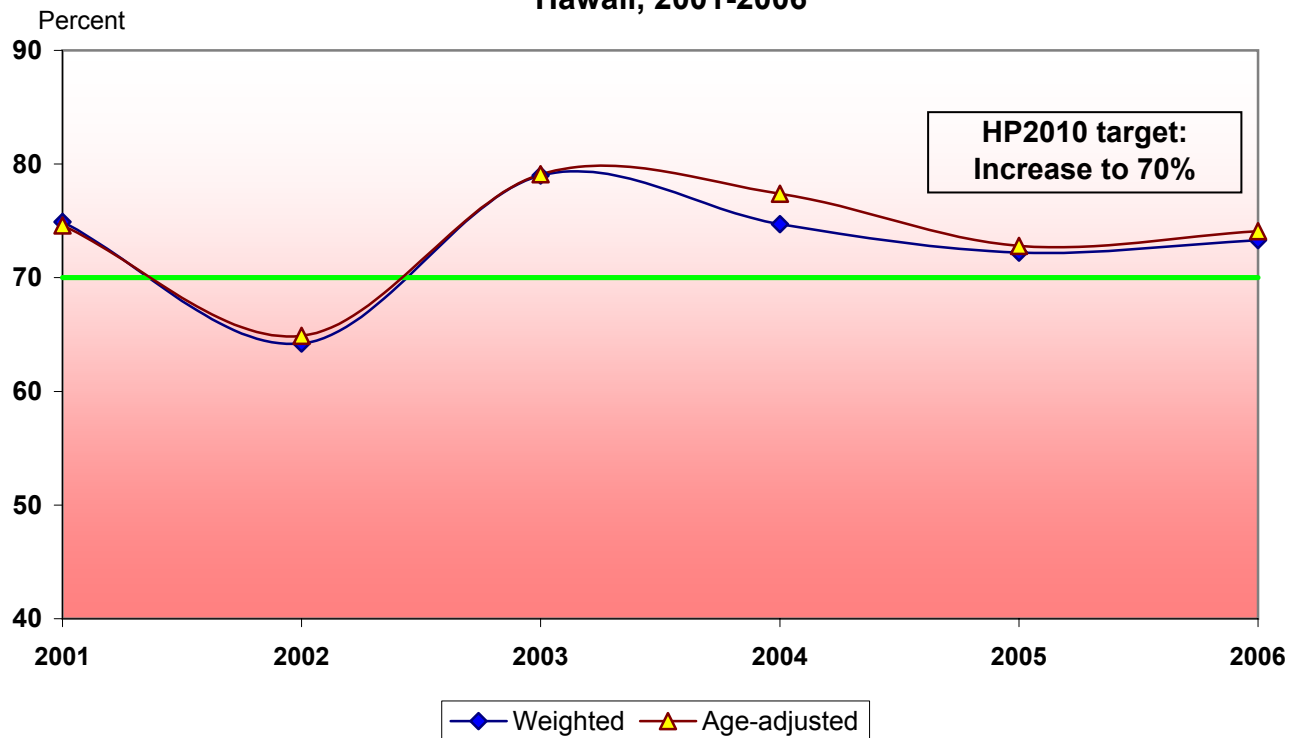


YEAR	2001	2002	2003	2004	2005	2006
Sample size	202	286	222	129	154	331
Had a mammogram within the past 2 years	149	180	179	93	107	239
Weight percentage	77.7	62.4	76.8	73.6	65.9	70.3
95% C.I.	(69.4 - 84.3)	(54.6 - 69.6)	(68.7 - 83.2)	(62.6 - 82.3)	(54.3 - 75.9)	(62.1 - 77.5)
Age-adjusted percentage	75.3	62.1	77.0	73.8	64.2	70.1
95% C.I.	(66.6 - 82.3)	(54.5 - 69.3)	(69.1 - 83.4)	(63.0 - 82.3)	(52.9 - 74.1)	(62.0 - 77.1)
GOAL (%)	70	70	70	70	70	70

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-13/ SUPPLEMENT 3

**Percent of Filipino women, aged 40+, who had a mammogram
within the past 2 years
Hawaii, 2001-2006**

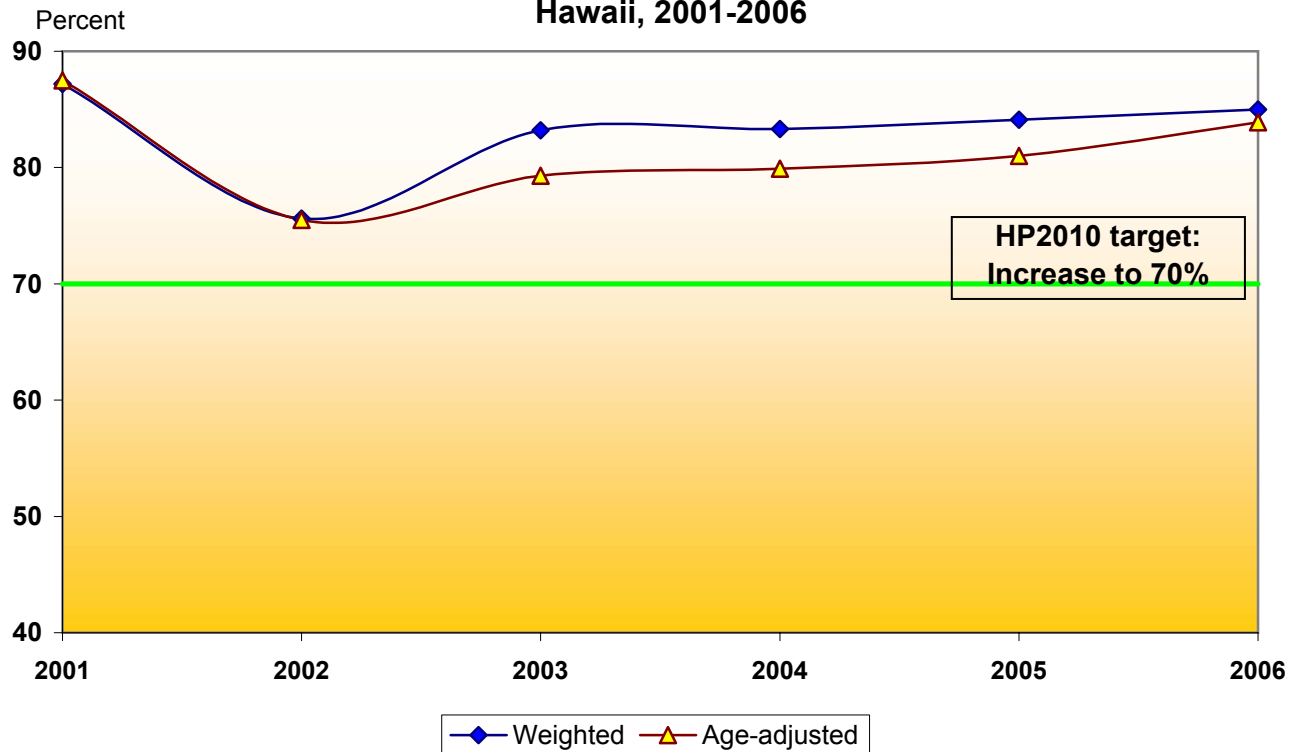


YEAR	2001	2002	2003	2004	2005	2006
Sample size	200	274	188	107	164	301
Had a mammogram within the past 2 years	146	175	147	73	114	231
Weight percentage	74.9	64.2	79.0	74.7	72.2	73.3
95% C.I.	(64.6 - 83.0)	(56.3 - 71.3)	(70.5 - 85.5)	(59.5 - 85.6)	(62.1 - 80.5)	(65.2 - 80.1)
Age-adjusted percentage	74.6	64.9	79.1	77.4	72.8	74.1
95% C.I.	(64.5 - 82.6)	(57.2 - 71.9)	(71.0 - 85.4)	(64.7 - 86.4)	(62.4 - 81.3)	(66.5 - 80.6)
GOAL (%)	70	70	70	70	70	70

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-13/ SUPPLEMENT 4

**Percent of Japanese women, aged 40+, who had a mammogram within the past 2 years
Hawaii, 2001-2006**

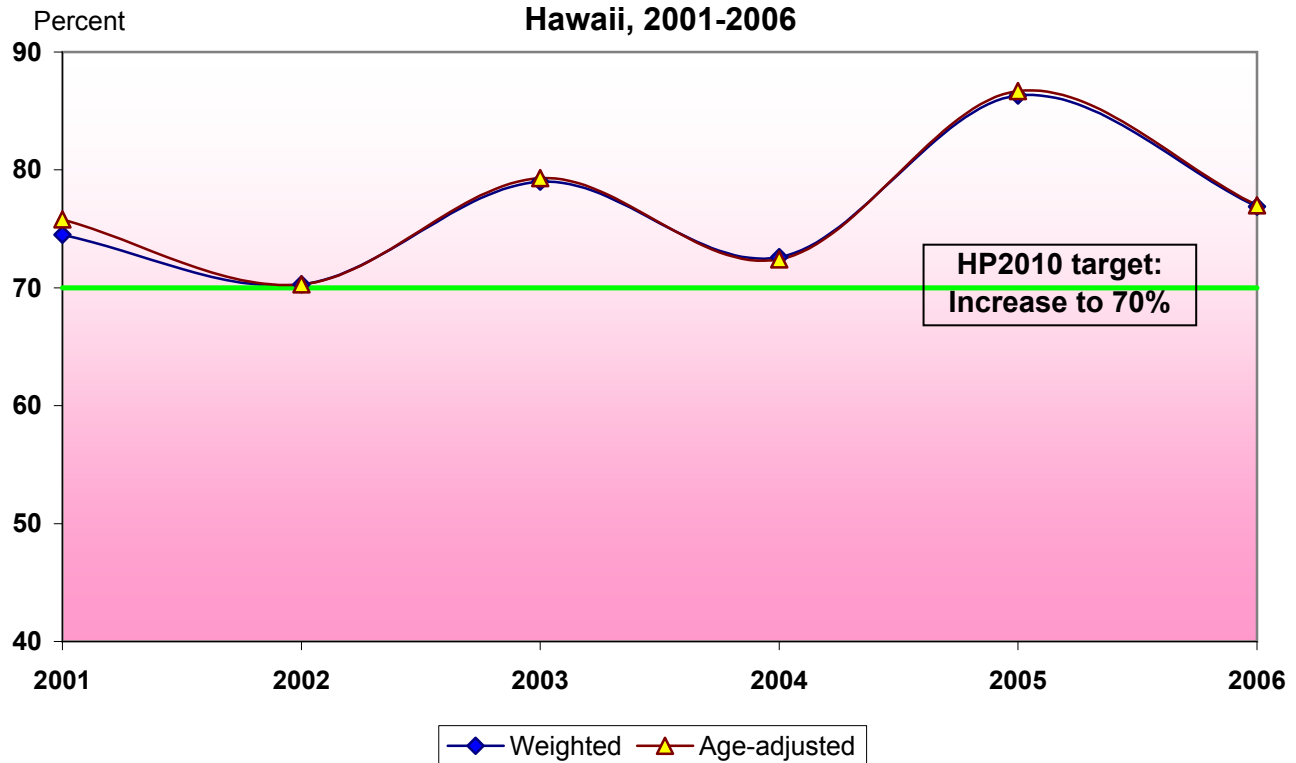


YEAR	2001	2002	2003	2004	2005	2006
Sample size	398	547	398	222	307	620
Had a mammogram within the past 2 years	333	415	336	184	259	525
Weight percentage	87.2	75.6	83.2	83.3	84.1	85.0
95% C.I.	(83.0 - 90.5)	(70.9 - 79.7)	(78.0 - 87.3)	(76.3 - 88.5)	(78.2 - 88.6)	(81.2 - 88.2)
Age-adjusted percentage	87.5	75.5	79.3	79.9	81.0	83.9
95% C.I.	(83.1 - 90.8)	(70.4 - 80.0)	(73.1 - 84.3)	(71.6 - 86.3)	(73.6 - 86.7)	(79.4 - 87.5)
GOAL (%)	70	70	70	70	70	70

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-13/ SUPPLEMENT 5

**Percent of women of other races, aged 40+,
who had a mammogram within the past 2 years
Hawaii, 2001-2006**

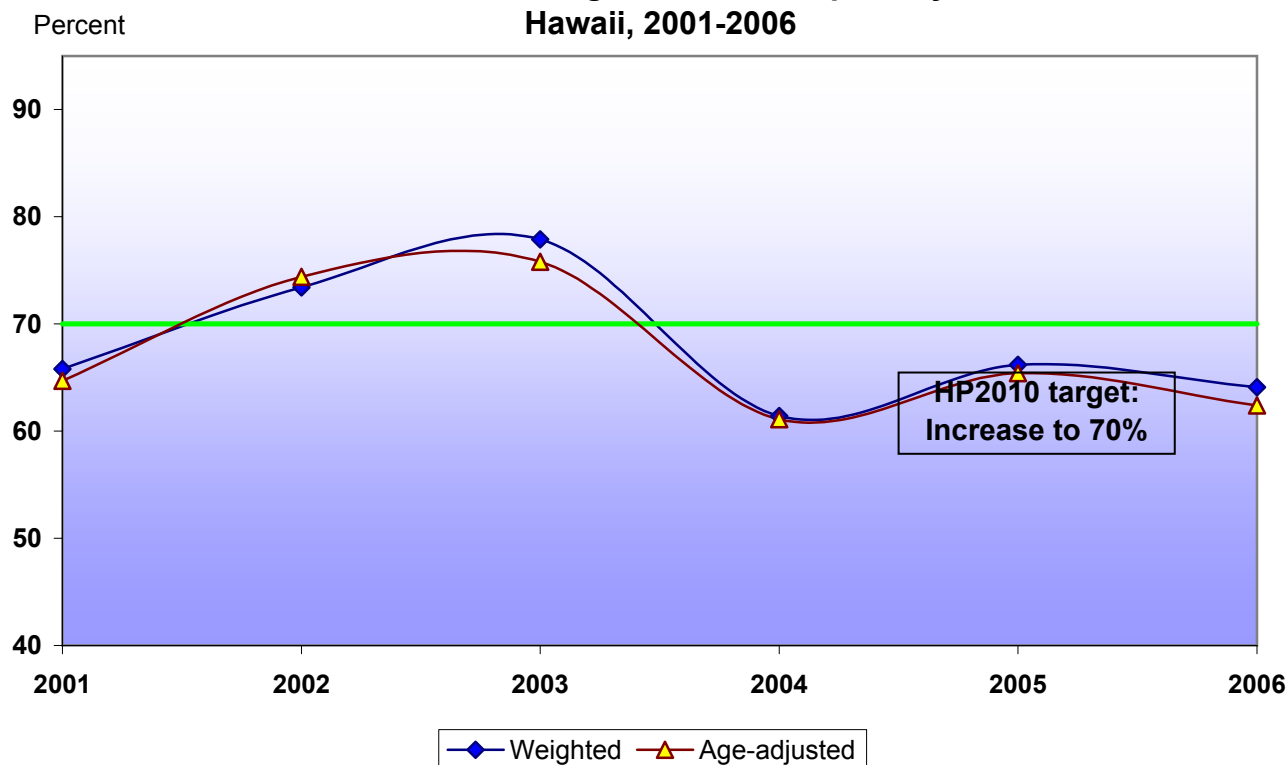


YEAR	2001	2002	2003	2004	2005	2006
Sample size	213	276	271	83	148	351
Had a mammogram within the past 2 years	160	190	206	65	123	264
Weight percentage	74.5	70.3	79.0	72.6	86.3	76.9
95% C.I.	(66.4 - 81.2)	(63.4 - 76.3)	(73.1 - 84.0)	(56.3 - 84.5)	(79.1 - 91.4)	(70.6 - 82.1)
Age-adjusted percentage	75.8	70.3	79.3	72.4	86.7	77.0
95% C.I.	(68.2 - 82.1)	(63.6 - 76.2)	(73.4 - 84.2)	(56.4 - 84.2)	(79.8 - 91.4)	(70.8 - 82.3)
GOAL (%)	70	70	70	70	70	70

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-13/ SUPPLEMENT

**Percent of women, aged 40+ , in low income households,
who had a mammogram within the past 2 years**

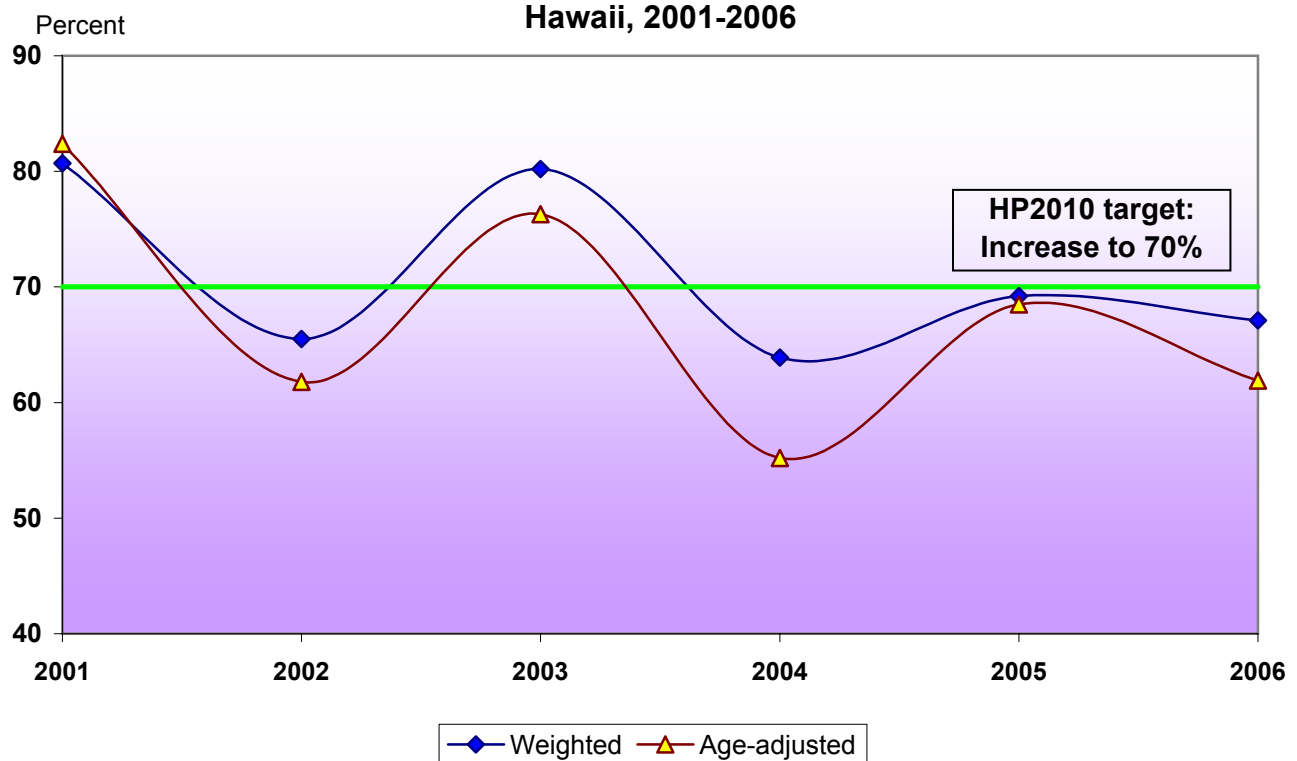


YEAR	2001	2002	2003	2004	2005	2006
Sample size	180	282	248	106	142	278
Had a mammogram within the past 2 years	115	202	187	61	89	187
Weight percentage	65.8	73.4	77.9	61.4	66.2	64.1
95% C.I.	(54.2 - 75.7)	(66.0 - 79.7)	(70.8 - 83.7)	(46.5 - 74.4)	(55.4 - 75.5)	(55.0 - 72.3)
Age-adjusted percentage	64.7	74.4	75.8	61.1	65.4	62.4
95% C.I.	(54.6 - 73.7)	(67.5 - 80.2)	(68.2 - 82.0)	(47.4 - 73.3)	(55.0 - 74.6)	(53.5 - 70.5)
GOAL (%)	70	70	70	70	70	70

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-13/ SUPPLEMENT 7

**Percent of women, aged 40+, with less education,
who had a mammogram within the past 2 years**

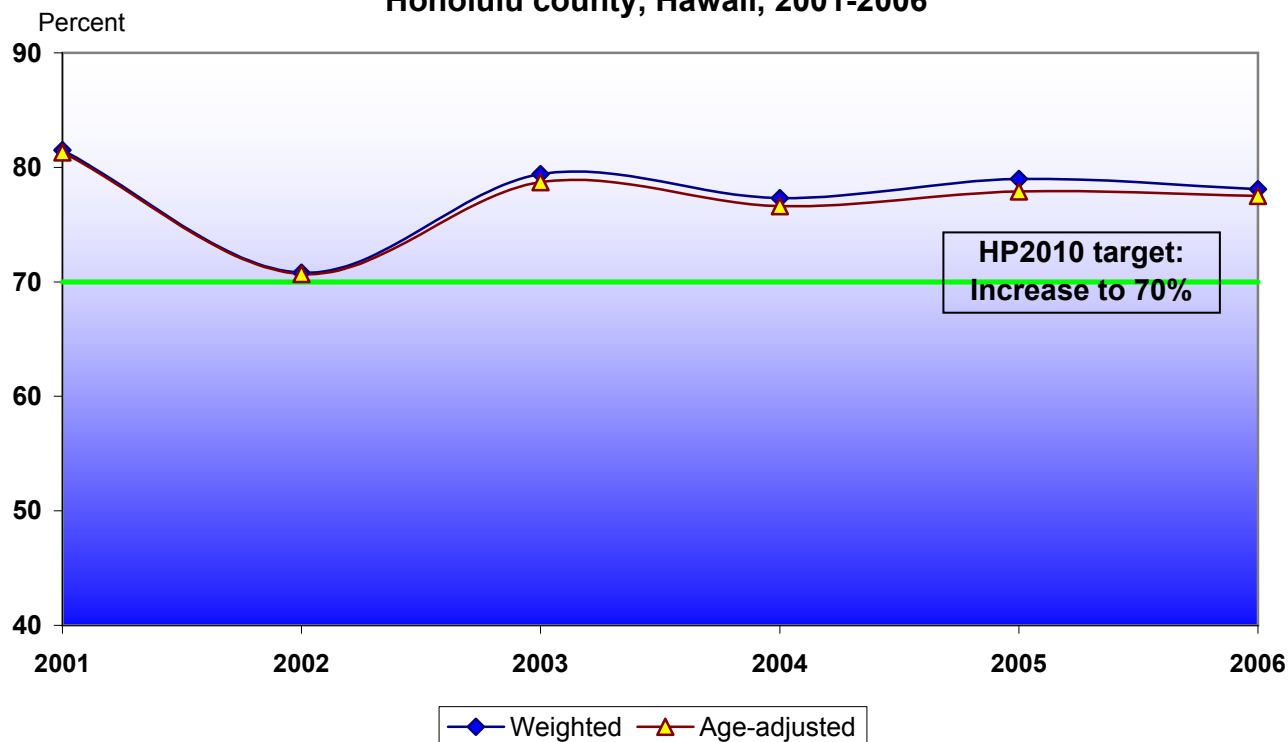


YEAR	2001	2002	2003	2004	2005	2006
Sample size	165	222	130	71	92	202
Had a mammogram within the past 2 years	116	139	100	46	66	138
Weight percentage	80.7	65.5	80.2	63.9	69.2	67.1
95% C.I.	(72.5 - 86.9)	(56.3 - 73.7)	(70.9 - 87.0)	(47.9 - 77.3)	(53.1 - 81.7)	(57.7 - 75.3)
Age-adjusted percentage	82.4	61.8	76.3	55.2	68.5	61.9
95% C.I.	(73.2 - 88.9)	(50.3 - 72.2)	(61.7 - 86.6)	(32.3 - 76.1)	(50.6 - 82.2)	(49.3 - 73.0)
GOAL (%)	70	70	70	70	70	70

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-13/ SUPPLEMENT 8

**Percent of women, aged 40+, who had a mammogram
within the past 2 years
Honolulu county, Hawaii, 2001-2006**

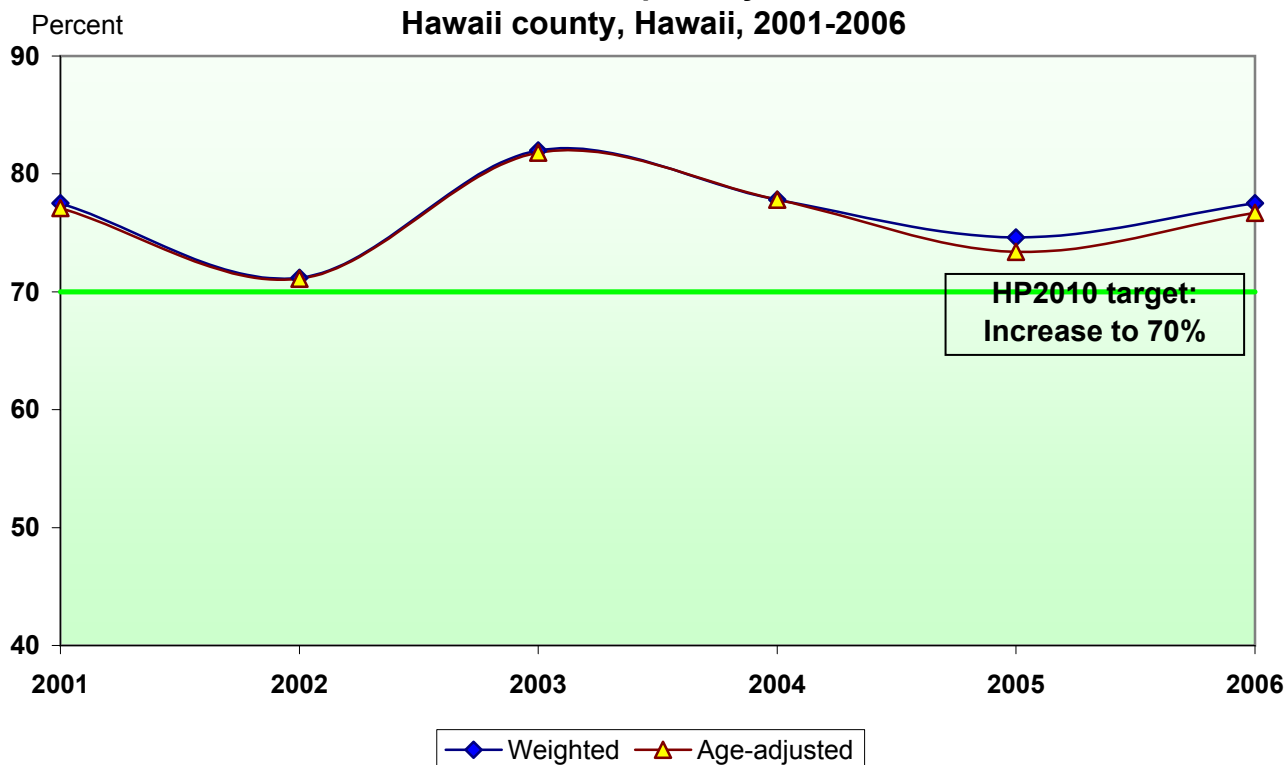


YEAR	2001	2002	2003	2004	2005	2006
Sample size	684	1037	839	359	613	1209
Had a mammogram within the past 2 years	548	748	663	280	488	964
Weight percentage	81.5	70.8	79.4	77.3	79.0	78.1
95% C.I.	(78.0 - 84.5)	(67.5 - 74.0)	(76.1 - 82.4)	(71.7 - 82.1)	(74.8 - 82.6)	(75.1 - 80.9)
Age-adjusted percentage	81.3	70.7	78.7	76.6	77.9	77.5
95% C.I.	(77.8 - 84.3)	(67.3 - 73.8)	(75.3 - 81.7)	(70.8 - 81.5)	(73.6 - 81.7)	(74.4 - 80.4)
GOAL (%)	70	70	70	70	70	70

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-13/ SUPPLEMENT 9

Percent of women, aged 40+, who had a mammogram within the past 2 years

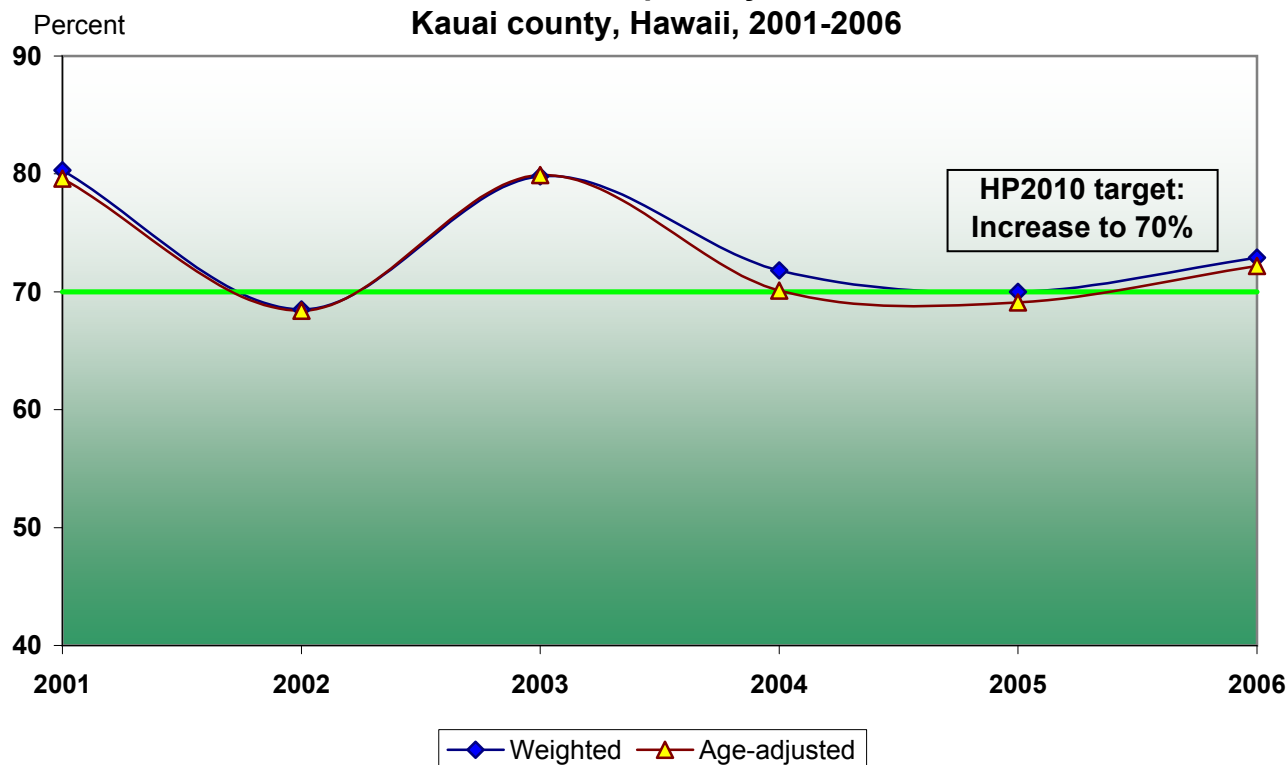


YEAR	2001	2002	2003	2004	2005	2006
Sample size	409	596	421	250	365	609
Had a mammogram within the past 2 years	316	425	341	186	272	467
Weight percentage	77.5	71.2	82.0	77.8	74.6	77.5
95% C.I.	(72.7 - 81.7)	(66.9 - 75.1)	(77.7 - 85.7)	(71.9 - 82.8)	(69.1 - 79.4)	(73.6 - 81.0)
Age-adjusted percentage	77.1	71.1	81.8	77.8	73.4	76.7
95% C.I.	(72.3 - 81.2)	(66.9 - 75.0)	(77.3 - 85.5)	(71.7 - 82.9)	(67.7 - 78.5)	(72.6 - 80.4)
GOAL (%)	70	70	70	70	70	70

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-13/ SUPPLEMENT 10

Percent of women, aged 40+, who had a mammogram
within the past 2 years

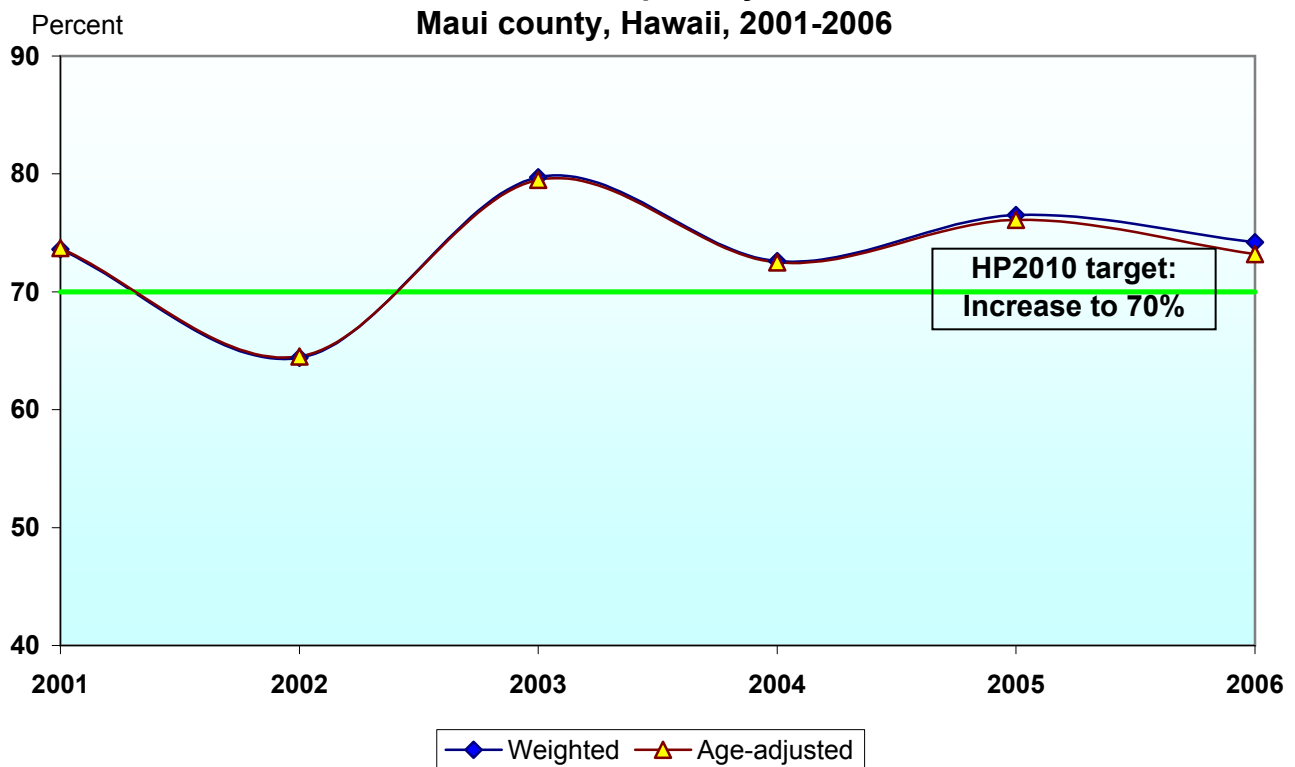


YEAR	2001	2002	2003	2004	2005	2006
Sample size	226	260	180	139	128	313
Had a mammogram within the past 2 years	174	185	143	101	100	238
Weight percentage	80.3	68.5	79.8	71.8	70.0	72.9
95% C.I.	(74.2 - 85.2)	(61.5 - 74.8)	(72.6 - 85.5)	(62.8 - 79.3)	(59.0 - 79.1)	(66.6 - 78.4)
Age-adjusted percentage	79.6	68.4	79.9	70.1	69.1	72.2
95% C.I.	(73.8 - 84.4)	(61.5 - 74.5)	(72.9 - 85.5)	(61.3 - 77.6)	(57.9 - 78.4)	(65.8 - 77.9)
GOAL (%)	70	70	70	70	70	70

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-13/ SUPPLEMENT 11

Percent of women, aged 40+, who had a mammogram within the past 2 years

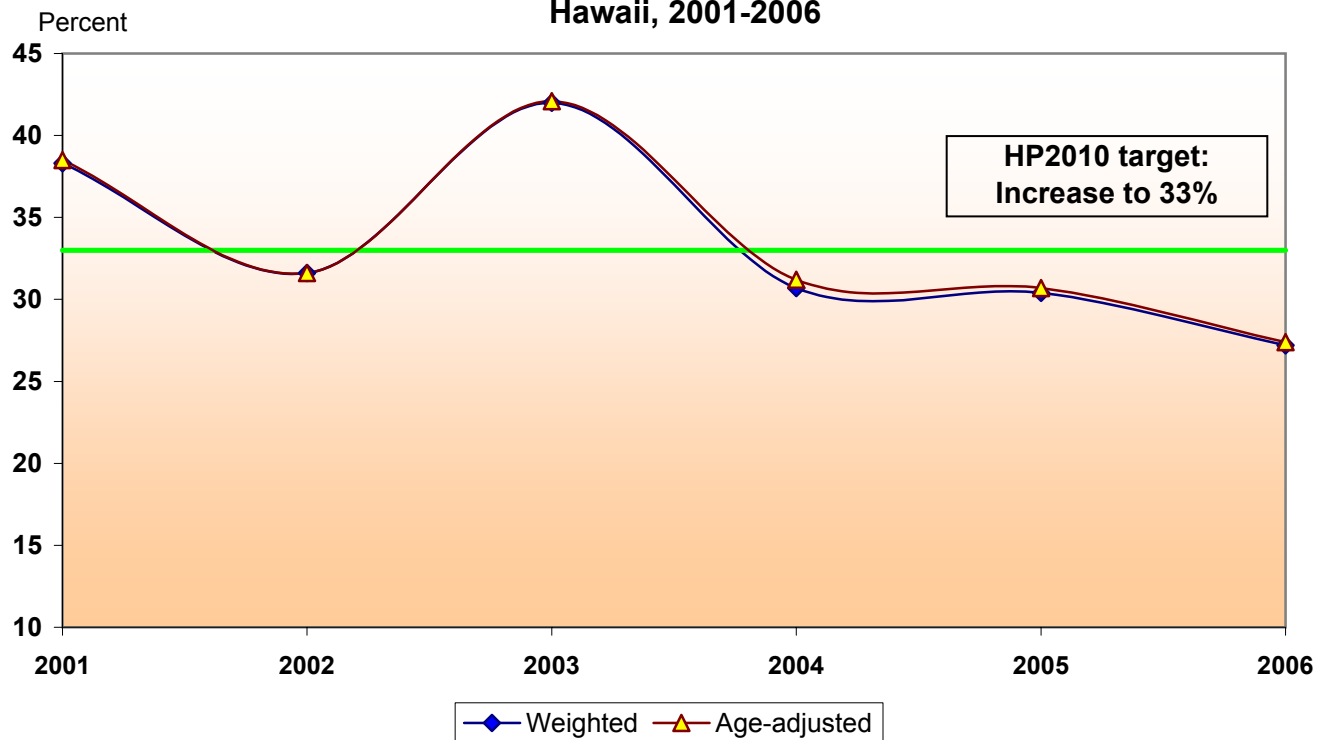


YEAR	2001	2002	2003	2004	2005	2006
Sample size	402	436	297	175	274	655
Had a mammogram within the past 2 years	290	279	242	122	203	481
Weight percentage	73.6	64.4	79.7	72.6	76.5	74.2
95% C.I.	(68.4 - 78.3)	(58.8 - 69.7)	(73.6 - 84.6)	(63.8 - 80.0)	(69.8 - 82.1)	(69.7 - 78.2)
Age-adjusted percentage	73.7	64.5	79.5	72.5	76.1	73.2
95% C.I.	(68.5 - 78.3)	(58.9 - 69.8)	(73.3 - 84.5)	(63.4 - 79.9)	(69.6 - 81.6)	(68.6 - 77.3)
GOAL (%)	70	70	70	70	70	70

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12a

**Percent of adults, aged 50+, who had a fecal occult blood test
within the past 2 years
Hawaii, 2001-2006**

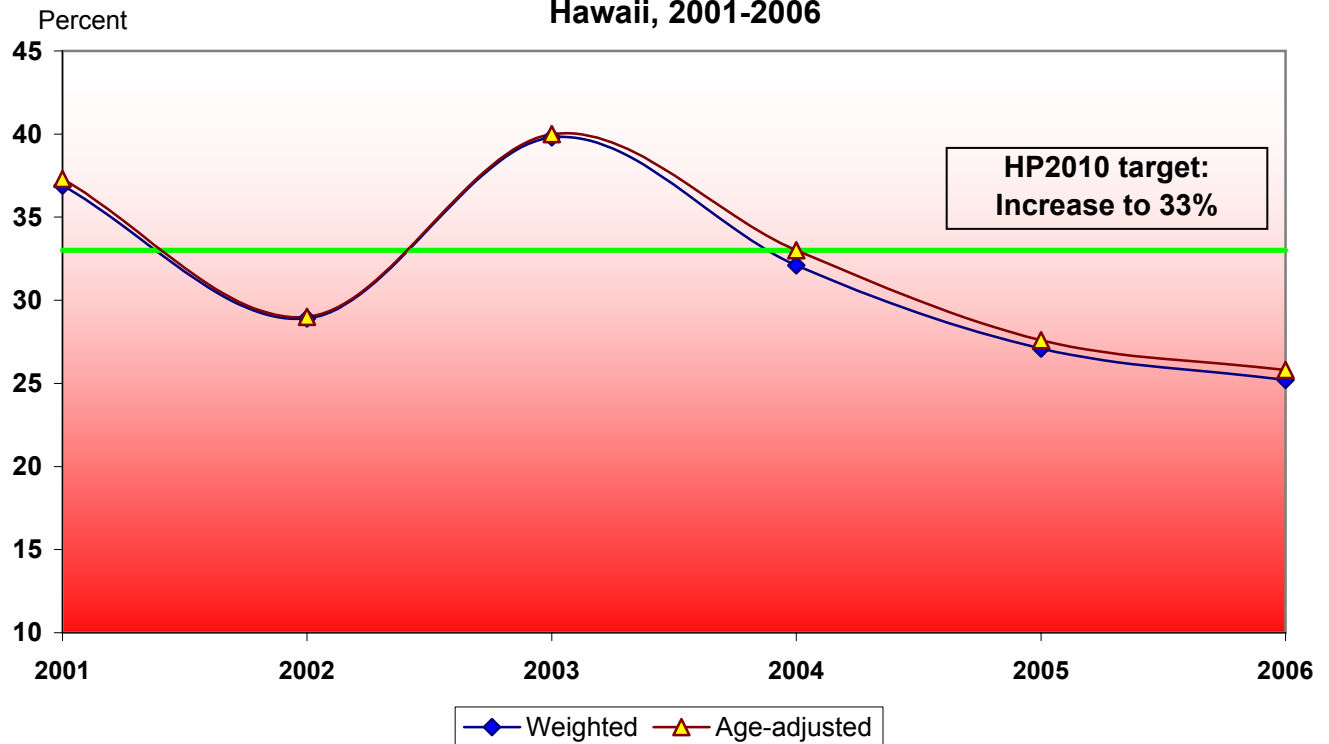


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1865	2755	2026	1093	1660	3569
Had a fecal occult blood test within the past 2 years	671	897	863	313	521	974
Weight percentage	38.3	31.6	42.0	30.7	30.4	27.2
95% C.I.	(35.2 - 41.4)	(29.4 - 34.0)	(39.3 - 44.8)	(27.0 - 34.7)	(27.6 - 33.5)	(25.3 - 29.1)
Age-adjusted percentage	38.5	31.6	42.1	31.2	30.7	27.4
95% C.I.	(35.5 - 41.6)	(29.4 - 34.0)	(39.4 - 44.9)	(27.5 - 35.2)	(27.9 - 33.7)	(25.5 - 29.3)
GOAL (%)	33	33	33	33	33	33

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12a/ SUPPLEMENT 1

**Percent of men, aged 50+, who had a fecal occult blood test within the past 2 years
Hawaii, 2001-2006**

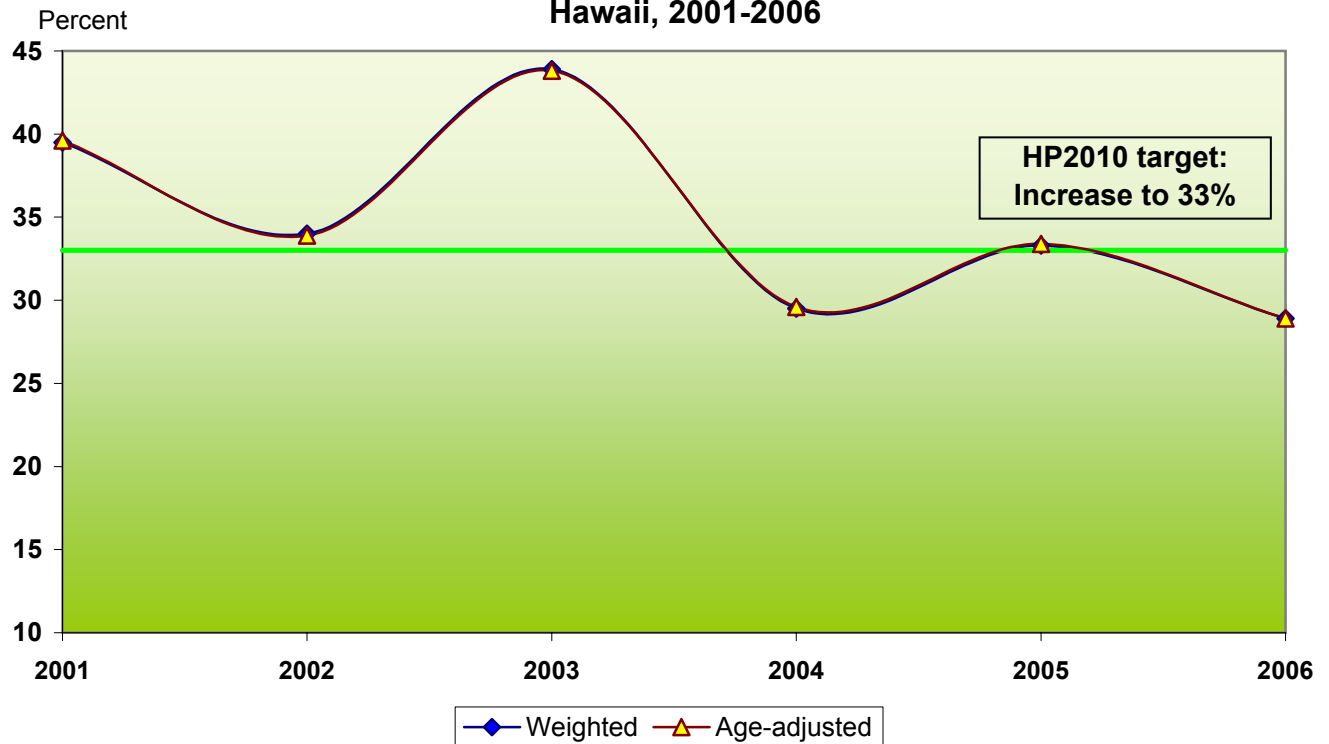


YEAR	2001	2002	2003	2004	2005	2006
Sample size	771	1163	789	436	641	1490
Had a fecal occult blood test within the past 2 years	262	348	327	125	178	371
Weight percentage	36.9	28.9	39.8	32.1	27.1	25.2
95% C.I.	(32.4 - 41.6)	(25.6 - 32.5)	(35.6 - 44.2)	(26.6 - 38.1)	(22.9 - 31.8)	(22.5 - 28.1)
Age-adjusted percentage	37.3	29.0	40.0	33.0	27.6	25.8
95% C.I.	(32.9 - 41.9)	(25.7 - 32.5)	(35.8 - 44.4)	(27.4 - 39.1)	(23.3 - 32.3)	(23.1 - 28.7)
GOAL (%)	33	33	33	33	33	33

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12a/ SUPPLEMENT 2

**Percent of women, aged 50+, who had a fecal occult blood test within the past 2 years
Hawaii, 2001-2006**

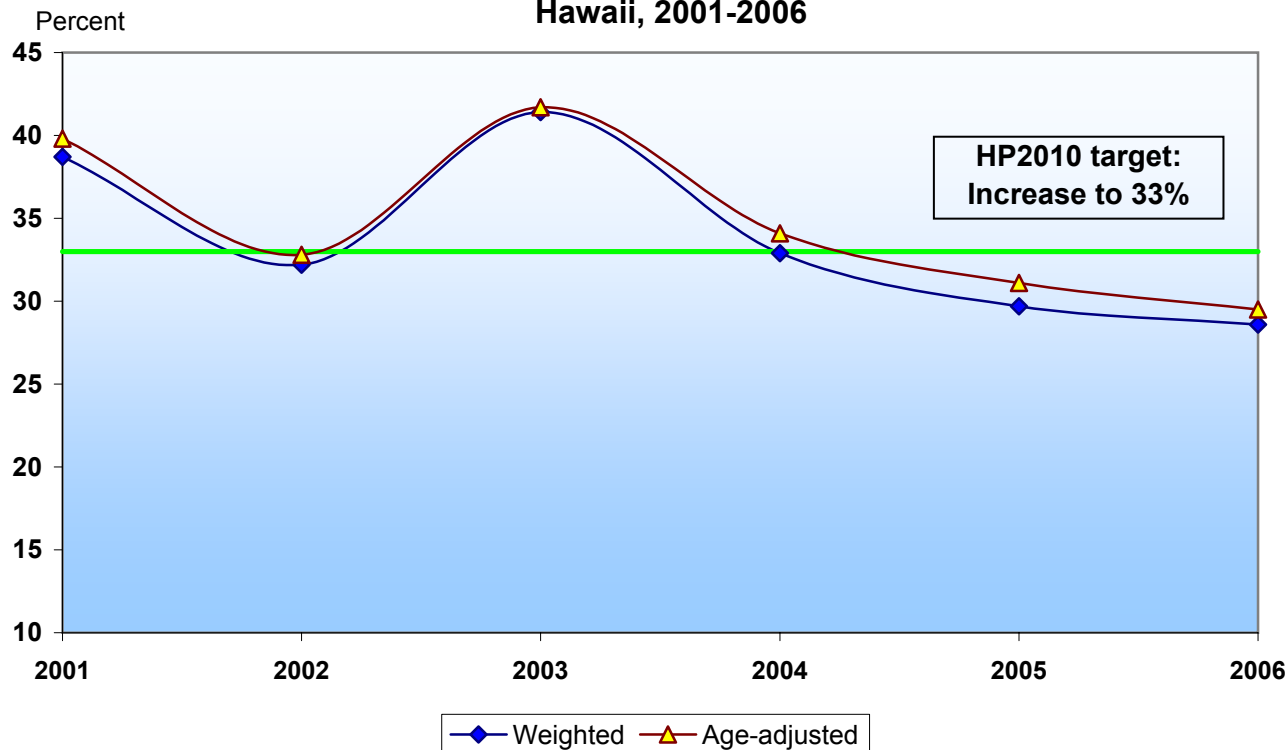


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1094	1592	1237	657	1019	2079
Had a fecal occult blood test within the past 2 years	409	549	536	188	343	603
Weight percentage	39.5	34.0	43.9	29.5	33.3	28.9
95% C.I.	(35.4 - 43.7)	(31.0 - 37.2)	(40.5 - 47.5)	(24.7 - 34.8)	(29.6 - 37.3)	(26.4 - 31.5)
Age-adjusted percentage	39.6	33.9	43.8	29.6	33.4	28.9
95% C.I.	(35.6 - 43.8)	(30.9 - 37.1)	(40.3 - 47.3)	(24.9 - 34.9)	(29.7 - 37.4)	(26.4 - 31.6)
GOAL (%)	33	33	33	33	33	33

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12a/ SUPPLEMENT 3

**Percent of White adults, aged 50+,
who had a fecal occult blood test within the past 2 years
Hawaii, 2001-2006**

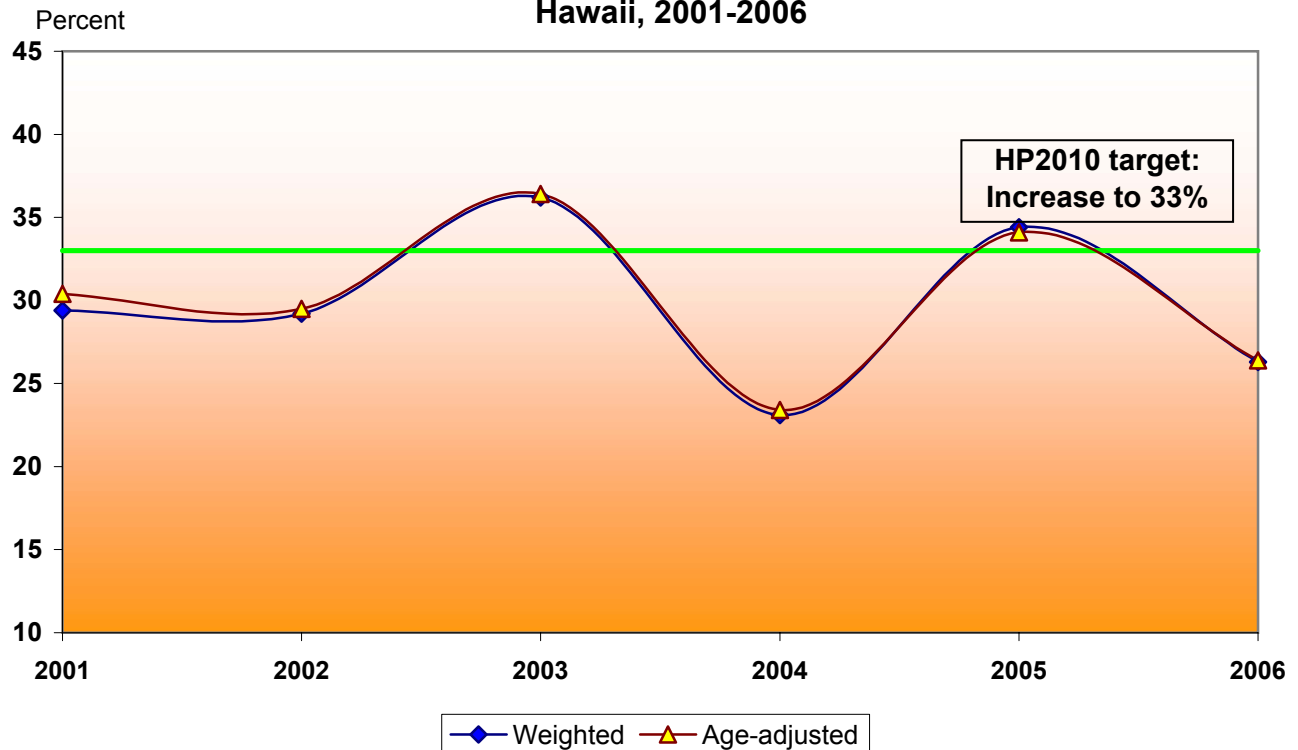


YEAR	2001	2002	2003	2004	2005	2006
Sample size	804	1145	836	473	751	1599
Had a fecal occult blood test within the past 2 years	275	378	337	138	219	459
Weight percentage	38.7	32.2	41.4	32.9	29.7	28.6
95% C.I.	(34.2 - 43.3)	(28.6 - 36.0)	(37.2 - 45.6)	(27.3 - 39.1)	(25.5 - 34.2)	(25.9 - 31.5)
Age-adjusted percentage	39.8	32.8	41.7	34.1	31.1	29.5
95% C.I.	(35.2 - 44.5)	(29.2 - 36.6)	(37.6 - 46.0)	(28.4 - 40.4)	(26.9 - 35.8)	(26.7 - 32.5)
GOAL (%)	33	33	33	33	33	33

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12a/ SUPPLEMENT 4

**Percent of Hawaiians, aged 50+, who had a fecal occult blood test within the past 2 years
Hawaii, 2001-2006**

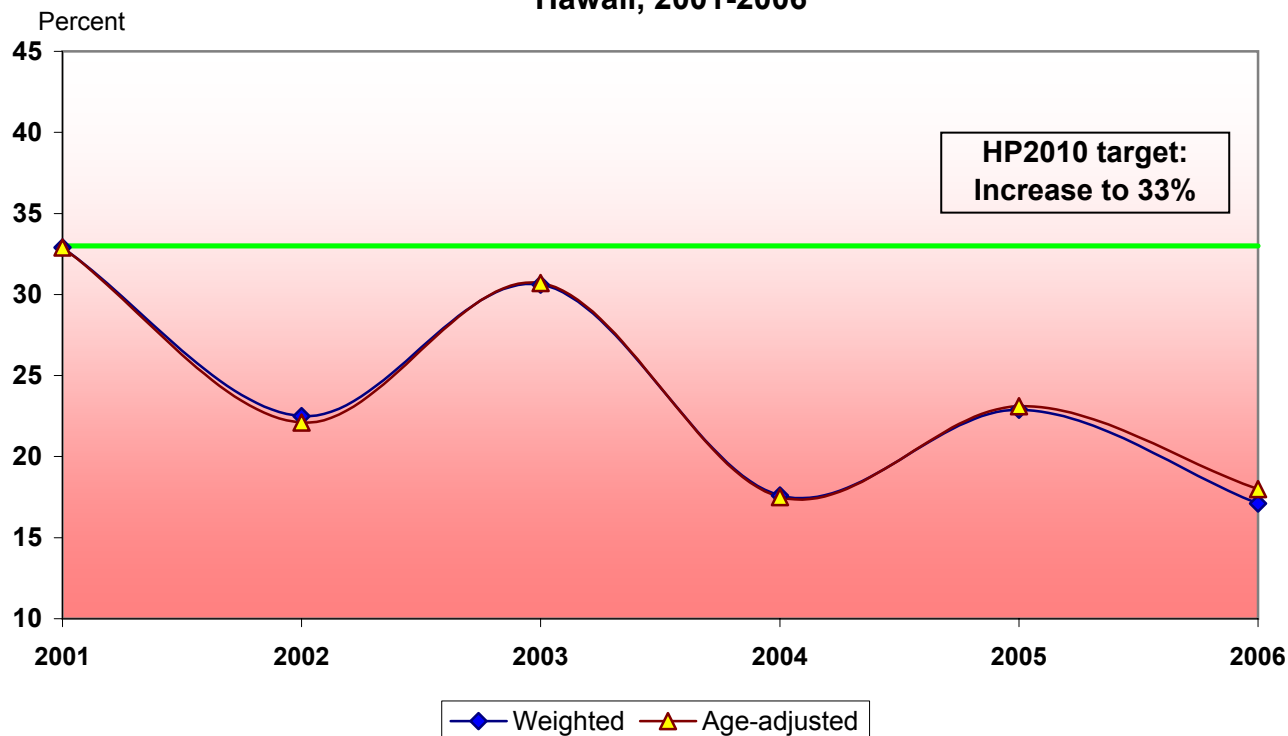


YEAR	2001	2002	2003	2004	2005	2006
Sample size	190	293	233	141	170	369
Had a fecal occult blood test within the past 2 years	54	77	84	31	60	95
Weight percentage	29.4	29.2	36.2	23.1	34.4	26.3
95% C.I.	(21.2 - 39.2)	(22.5 - 37.0)	(28.7 - 44.4)	(14.3 - 35.3)	(25.3 - 44.7)	(20.4 - 33.3)
Age-adjusted percentage	30.4	29.5	36.4	23.4	34.1	26.4
95% C.I.	(22.2 - 40.0)	(22.7 - 37.3)	(28.9 - 44.6)	(14.5 - 35.4)	(25.5 - 44.0)	(20.6 - 33.2)
GOAL (%)	33	33	33	33	33	33

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12a/ SUPPLEMENT 5

**Percent of Filipinos, aged 50+, who had a fecal occult blood test within the past 2 years
Hawaii, 2001-2006**

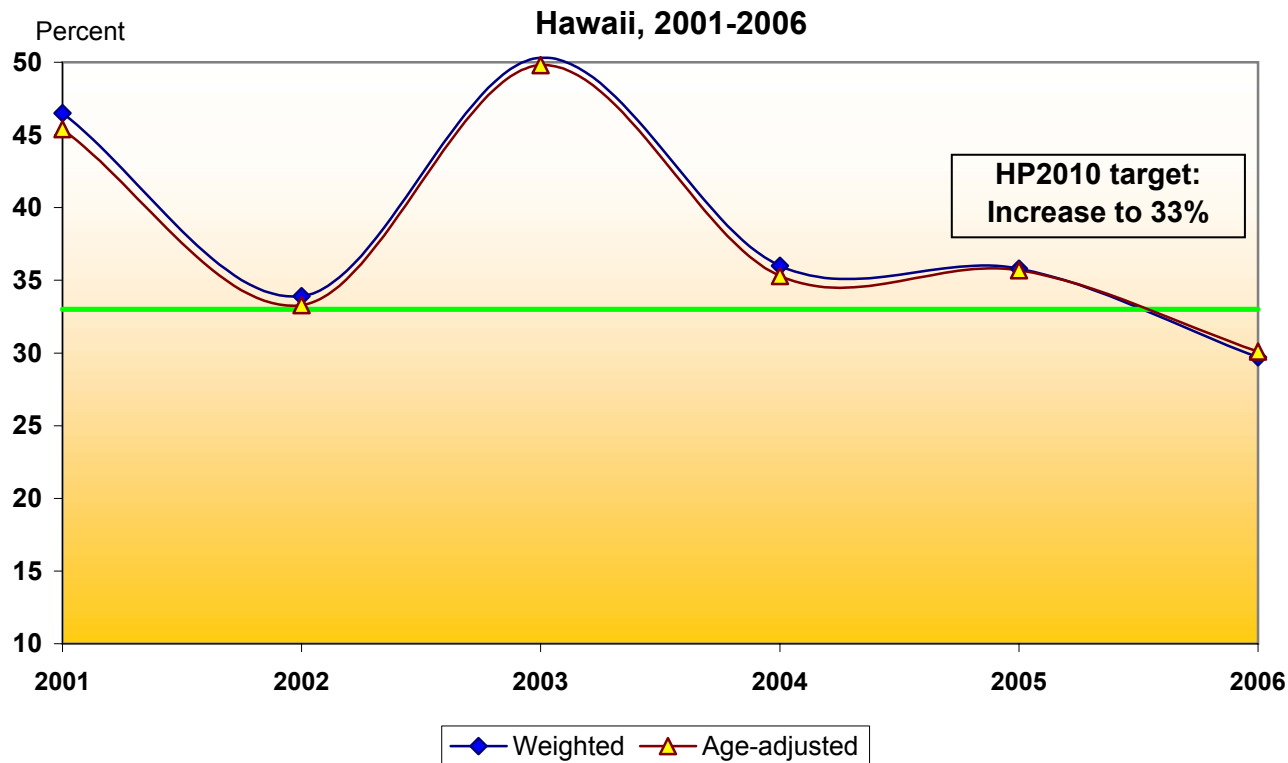


YEAR	2001	2002	2003	2004	2005	2006
Sample size	193	311	185	102	168	312
Had a fecal occult blood test within the past 2 years	60	81	68	22	43	59
Weight percentage	32.9	22.5	30.6	17.6	22.9	17.1
95% C.I.	(22.7 - 45.0)	(17.1 - 29.0)	(23.1 - 39.4)	(9.9 - 29.3)	(15.1 - 33.0)	(12.1 - 23.5)
Age-adjusted percentage	32.9	22.1	30.7	17.5	23.1	18.0
95% C.I.	(22.9 - 44.6)	(16.9 - 28.3)	(23.2 - 39.4)	(10.0 - 28.8)	(15.2 - 33.5)	(12.7 - 24.8)
GOAL (%)	33	33	33	33	33	33

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12a/ SUPPLEMENT 6

Percent of Japanese, aged 50+, who had a fecal occult blood test within the past 2 years

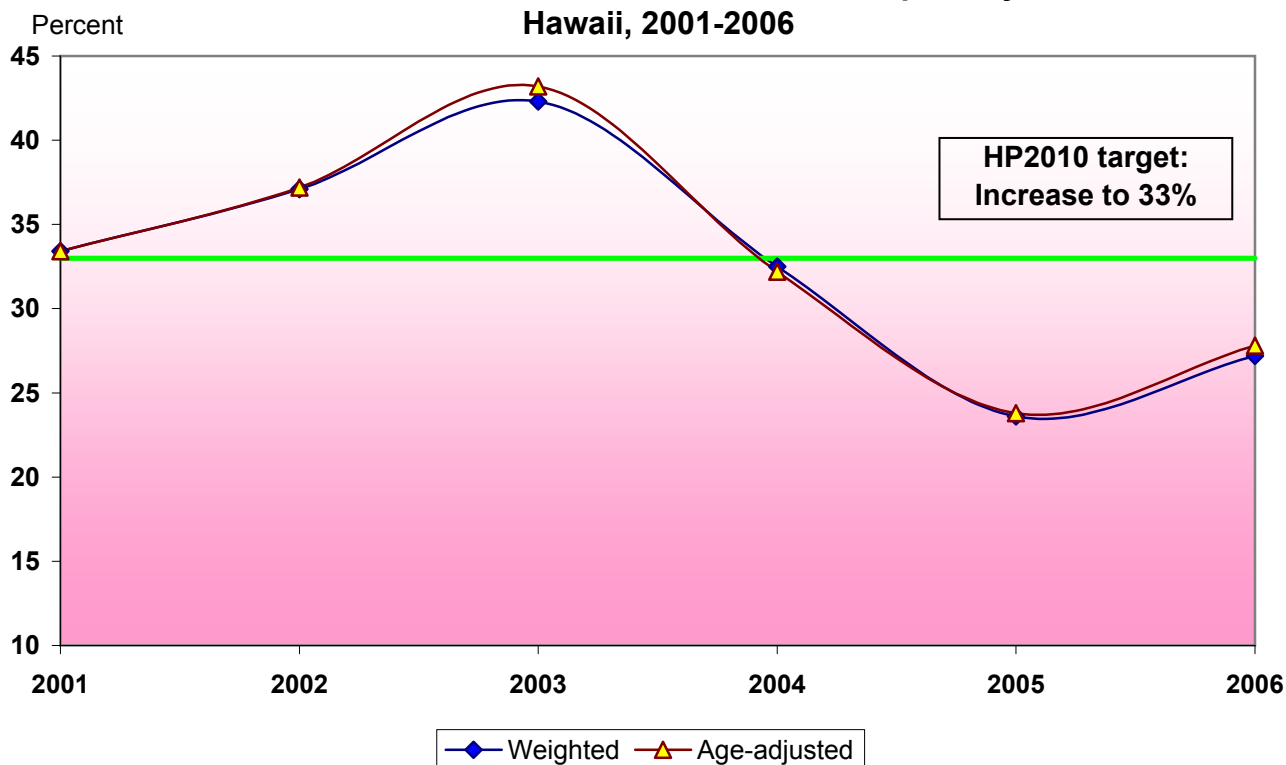


YEAR	2001	2002	2003	2004	2005	2006
Sample size	465	696	482	283	405	849
Had a fecal occult blood test within the past 2 years	214	252	246	94	153	247
Weight percentage	46.5	33.9	50.3	36.0	35.8	29.7
95% C.I.	(40.8 - 52.4)	(29.6 - 38.6)	(44.7 - 55.9)	(28.9 - 43.8)	(30.3 - 41.8)	(26.1 - 33.6)
Age-adjusted percentage	45.4	33.3	49.8	35.3	35.7	30.1
95% C.I.	(39.5 - 51.4)	(28.6 - 38.3)	(44.0 - 55.6)	(28.6 - 42.7)	(29.9 - 41.8)	(26.5 - 34.1)
GOAL (%)	33	33	33	33	33	33

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12a/ SUPPLEMENT 7

**Percent of adults of other races, aged 50+,
who had a fecal occult blood test within the past 2 years**

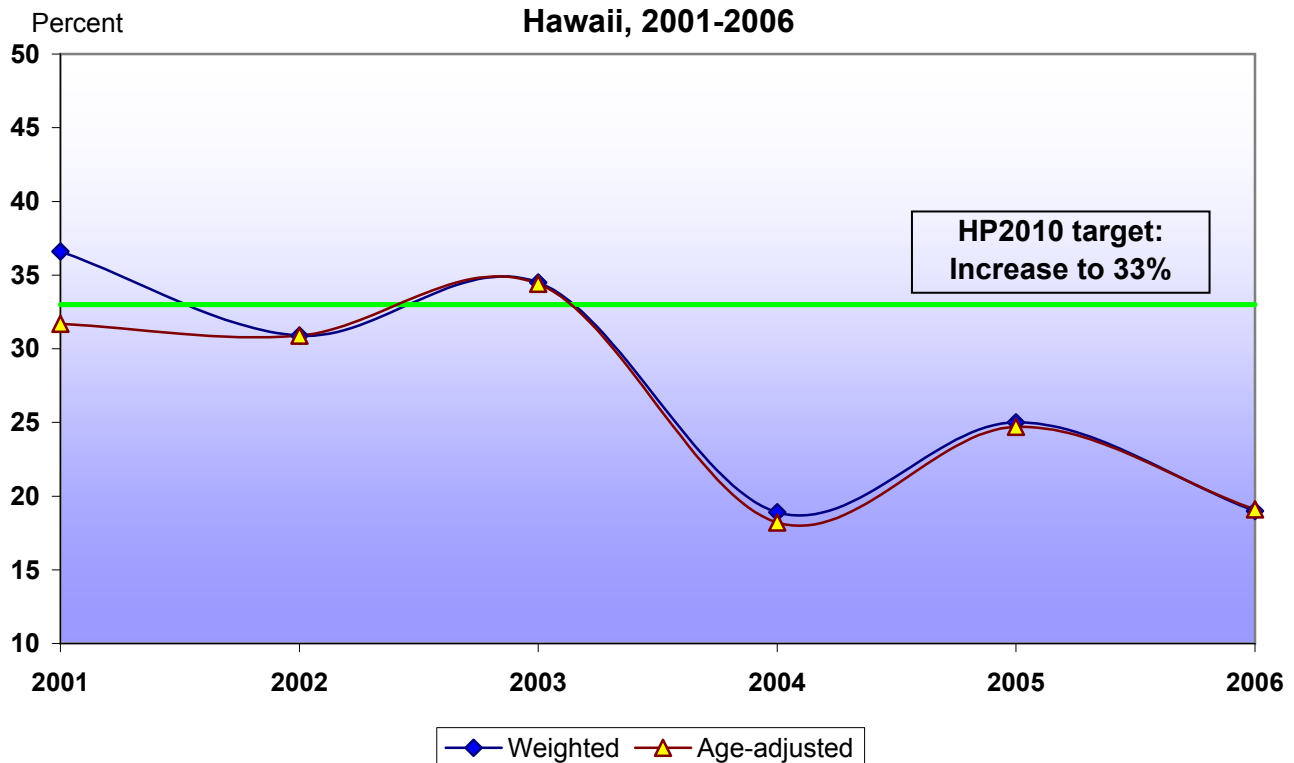


YEAR	2001	2002	2003	2004	2005	2006
Sample size	213	310	290	94	166	440
Had a fecal occult blood test within the past 2 years	68	109	128	28	46	114
Weight percentage	33.4	37.1	42.3	32.5	23.6	27.2
95% C.I.	(25.4 - 42.4)	(30.8 - 43.9)	(35.6 - 49.4)	(21.7 - 45.6)	(16.7 - 32.3)	(22.4 - 32.7)
Age-adjusted percentage	33.4	37.2	43.2	32.2	23.8	27.8
95% C.I.	(26.0 - 41.8)	(30.9 - 44.0)	(36.2 - 50.6)	(21.5 - 45.2)	(16.8 - 32.6)	(22.9 - 33.3)
GOAL (%)	33	33	33	33	33	33

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12a/ SUPPLEMENT

**Percent of adults, aged 50+ , in low income households,
who had a fecal occult blood test within the past 2 years**

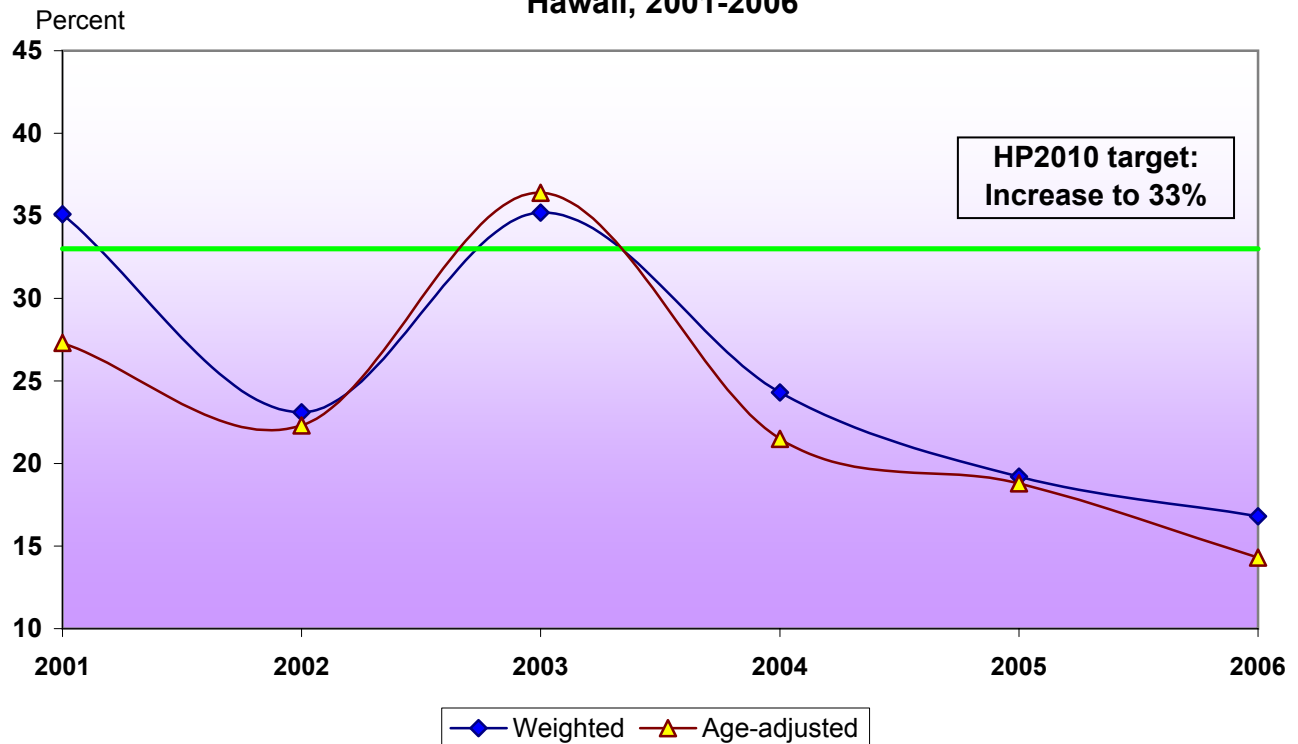


YEAR	2001	2002	2003	2004	2005	2006
Sample size	167	268	253	104	142	317
Had a fecal occult blood test within the past 2 years	56	80	96	23	32	74
Weight percentage	36.6	30.9	34.5	18.9	25.0	19.0
95% C.I.	(25.0 - 50.0)	(23.7 - 39.2)	(27.5 - 42.2)	(10.6 - 31.5)	(16.2 - 36.5)	(14.0 - 25.1)
Age-adjusted percentage	31.7	30.9	34.4	18.2	24.7	19.1
95% C.I.	(21.9 - 43.4)	(23.6 - 39.3)	(27.2 - 42.3)	(10.8 - 29.1)	(16.2 - 35.6)	(14.3 - 25.0)
GOAL (%)	33	33	33	33	33	33

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12a/ SUPPLEMENT 8

**Percent of adults, with less education, aged 50+,
who had a fecal occult blood test within the past 2 years
Hawaii, 2001-2006**



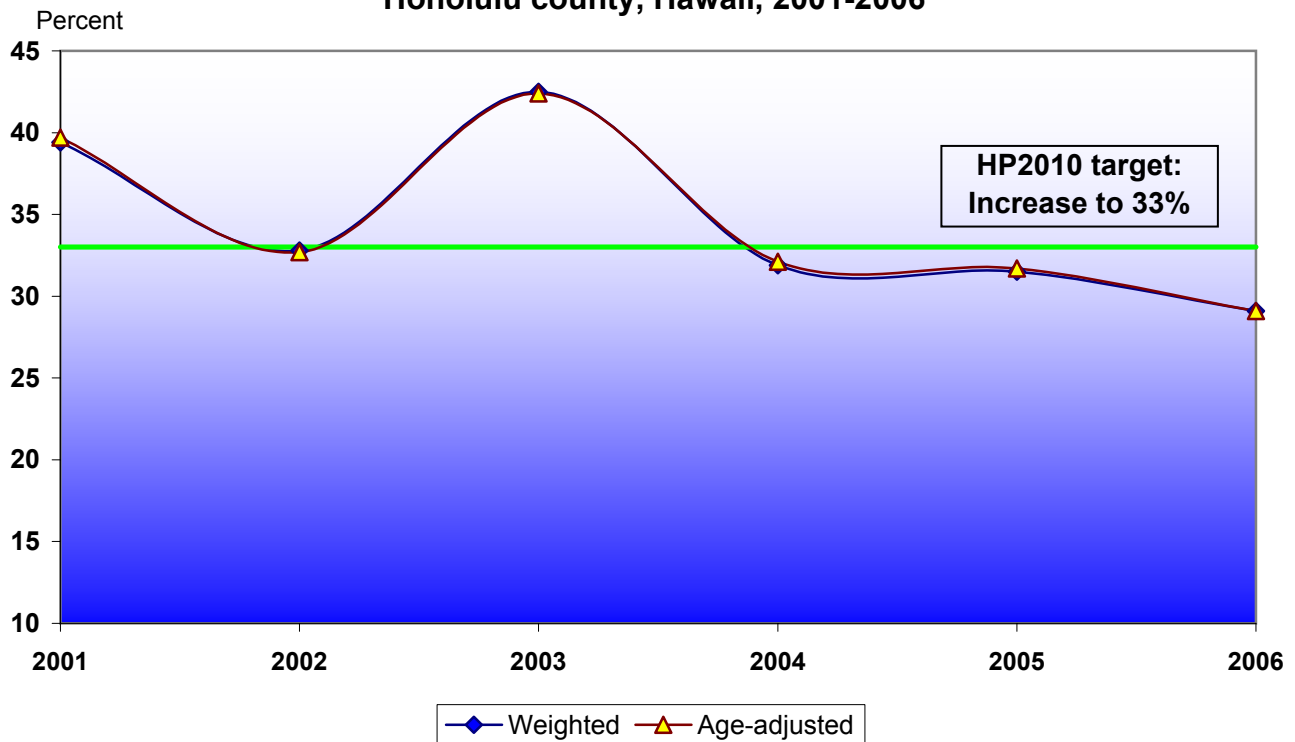
YEAR	2001	2002	2003	2004	2005	2006
Sample size	215	296	183	95	124	269
Had a fecal occult blood test within the past 2 years	66	82	78	26	29	53
Weight percentage	35.1	23.1	35.2	24.3	19.2	16.8
95% C.I.	(24.9 - 47.0)	(17.4 - 30.0)	(27.0 - 44.3)	(14.1 - 38.6)	(11.6 - 30.1)	(11.9 - 23.3)
Age-adjusted percentage	27.3	22.3	36.4	21.5	18.8	14.3
95% C.I.	(20.2 - 35.9)	(15.0 - 32.0)	(27.0 - 46.9)	(12.7 - 34.1)	(10.1 - 32.1)	(10.1 - 19.8)
GOAL (%)	33	33	33	33	33	33

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12a/ SUPPLEMENT 9

Percent of adults, aged 50+, who had a fecal occult blood test within the past 2 years

Honolulu county, Hawaii, 2001-2006

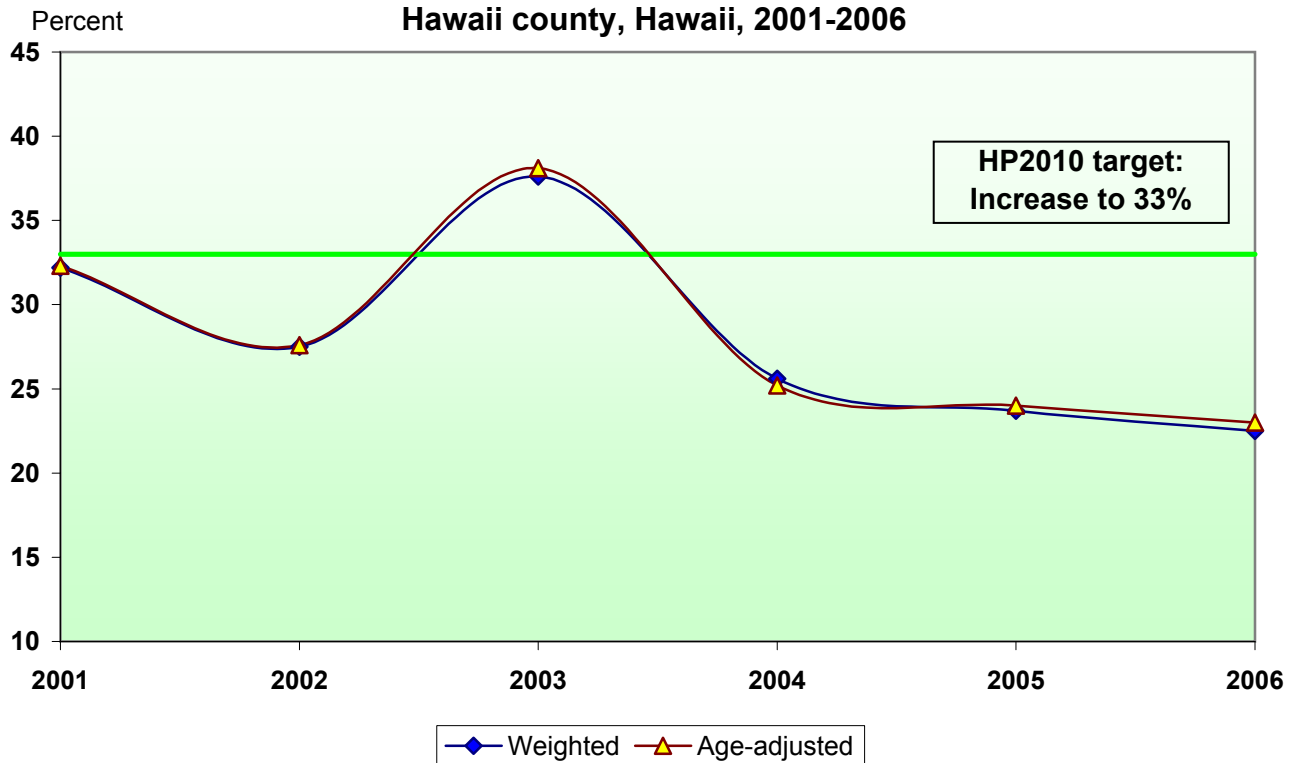


YEAR	2001	2002	2003	2004	2005	2006
Sample size	751	1160	956	436	730	1571
Had a fecal occult blood test within the past 2 years	296	411	425	135	252	479
Weight percentage	39.4	32.8	42.5	31.9	31.5	29.1
95% C.I.	(35.4 - 43.6)	(29.7 - 35.9)	(38.9 - 46.1)	(27.0 - 37.3)	(27.8 - 35.5)	(26.6 - 31.7)
Age-adjusted percentage	39.7	32.7	42.4	32.1	31.7	29.1
95% C.I.	(35.8 - 43.8)	(29.7 - 35.9)	(38.8 - 46.1)	(27.3 - 37.4)	(28.0 - 35.7)	(26.7 - 31.7)
GOAL (%)	33	33	33	33	33	33

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12a/ SUPPLEMENT 10

Percent of adults, aged 50+, who had a fecal occult blood test within the past 2 years

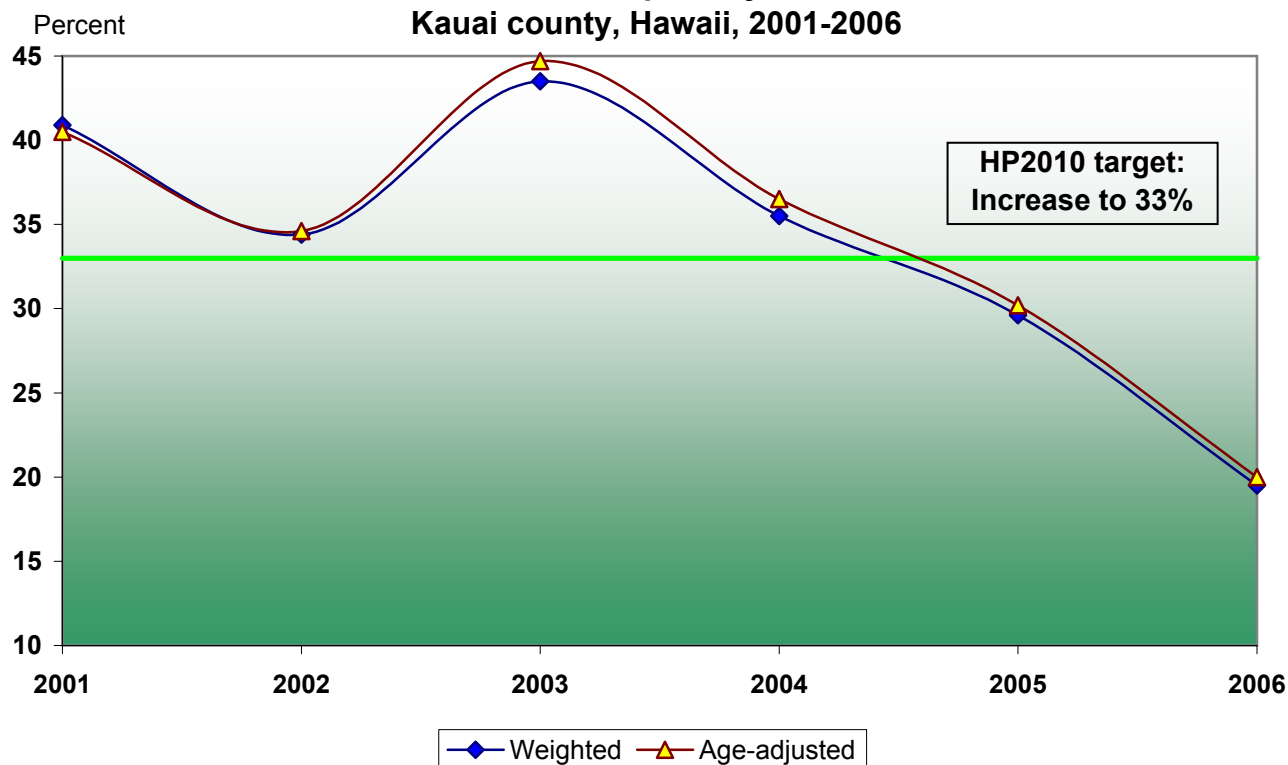


YEAR	2001	2002	2003	2004	2005	2006
Sample size	463	751	531	314	471	833
Had a fecal occult blood test within the past 2 years	142	227	202	78	126	202
Weight percentage	32.2	27.5	37.6	25.6	23.7	22.5
95% C.I.	(27.7 - 37.1)	(24.2 - 31.2)	(33.1 - 42.4)	(20.5 - 31.6)	(19.6 - 28.5)	(19.5 - 25.8)
Age-adjusted percentage	32.3	27.6	38.1	25.2	24.0	23.0
95% C.I.	(27.9 - 37.1)	(24.2 - 31.2)	(33.5 - 42.8)	(20.1 - 31.0)	(19.8 - 28.8)	(20.0 - 26.4)
GOAL (%)	33	33	33	33	33	33

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12a/ SUPPLEMENT 11

Percent of adults, aged 50+, who had a fecal occult blood test within the past 2 years

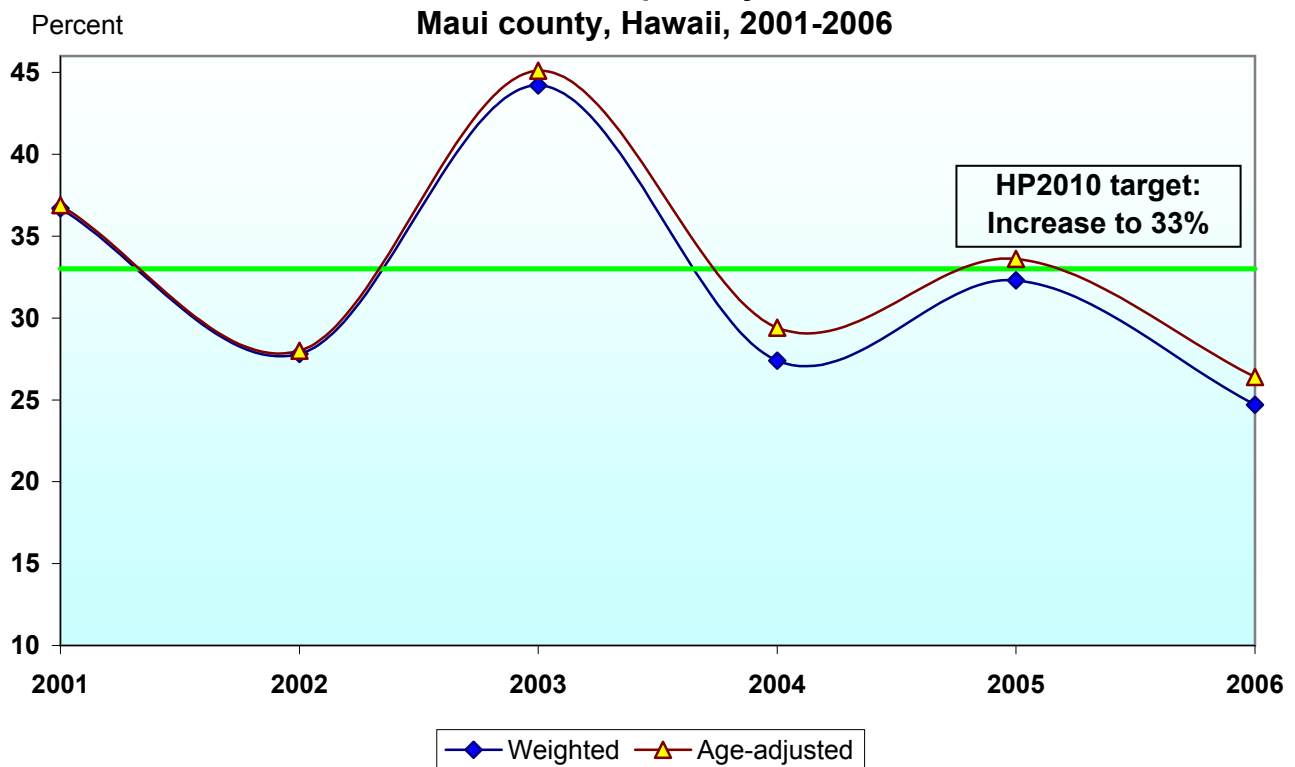


YEAR	2001	2002	2003	2004	2005	2006
Sample size	239	309	206	147	170	377
Had a fecal occult blood test within the past 2 years	92	111	90	48	50	77
Weight percentage	40.9	34.4	43.5	35.5	29.6	19.5
95% C.I.	(33.5 - 48.7)	(28.5 - 40.7)	(36.1 - 51.2)	(26.8 - 45.2)	(22.2 - 38.2)	(15.1 - 24.9)
Age-adjusted percentage	40.5	34.6	44.7	36.5	30.2	20.0
95% C.I.	(33.1 - 48.5)	(28.7 - 41.1)	(37.3 - 52.4)	(27.8 - 46.1)	(22.8 - 38.8)	(15.4 - 25.6)
GOAL (%)	33	33	33	33	33	33

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12a/ SUPPLEMENT 12

Percent of adults, aged 50+, who had a fecal occult blood test within the past 2 years

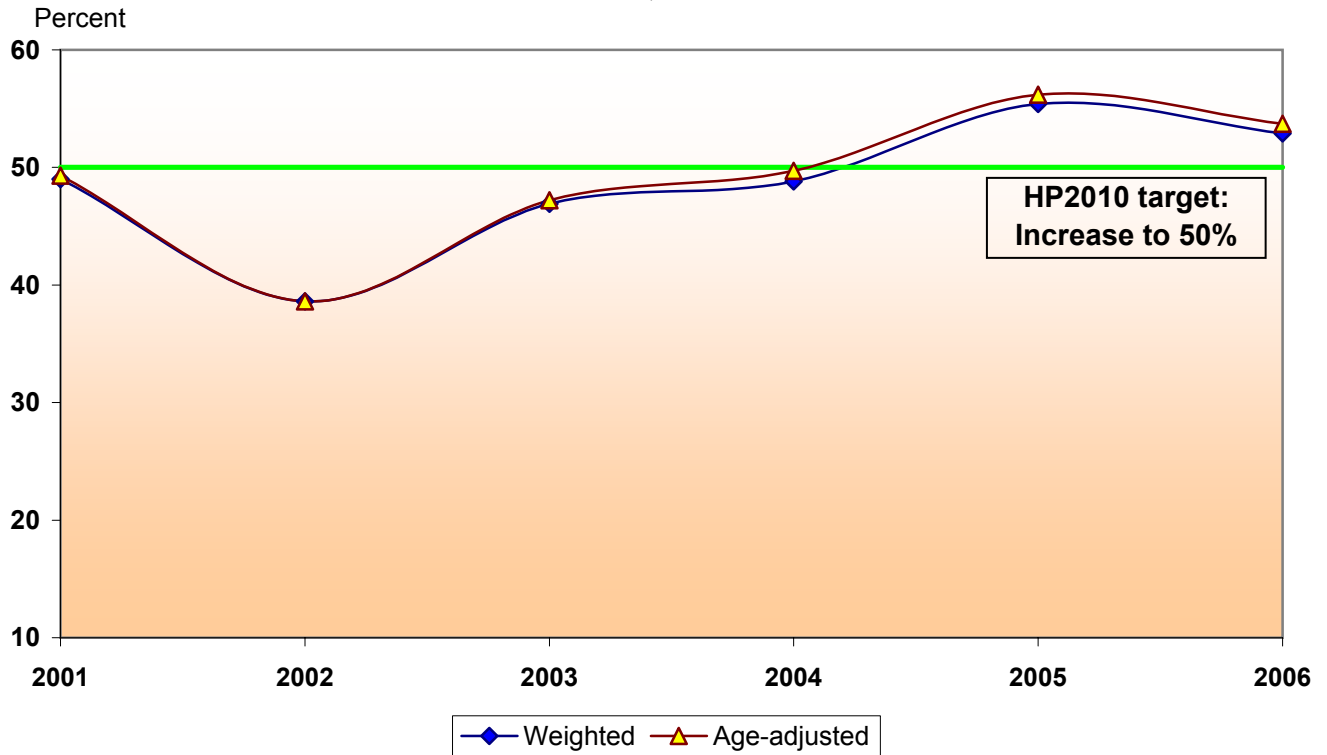


YEAR	2001	2002	2003	2004	2005	2006
Sample size	412	535	333	196	289	788
Had a PAP Test within the past 3 years	141	148	146	52	93	216
Weight percentage	36.7	27.8	44.2	27.4	32.3	24.7
95% C.I.	(31.2 - 42.6)	(23.6 - 32.5)	(37.6 - 50.9)	(20.3 - 35.8)	(25.7 - 39.6)	(21.3 - 28.3)
Age-adjusted percentage	36.9	28.0	45.1	29.4	33.6	26.4
95% C.I.	(31.6 - 42.6)	(23.7 - 32.8)	(38.7 - 51.7)	(22.2 - 37.8)	(26.9 - 41.0)	(22.8 - 30.2)
GOAL (%)	33	33	33	33	33	33

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12b

**Percent of adults, aged 50+, who had a sigmoidoscopy
Hawaii, 2001-2006**

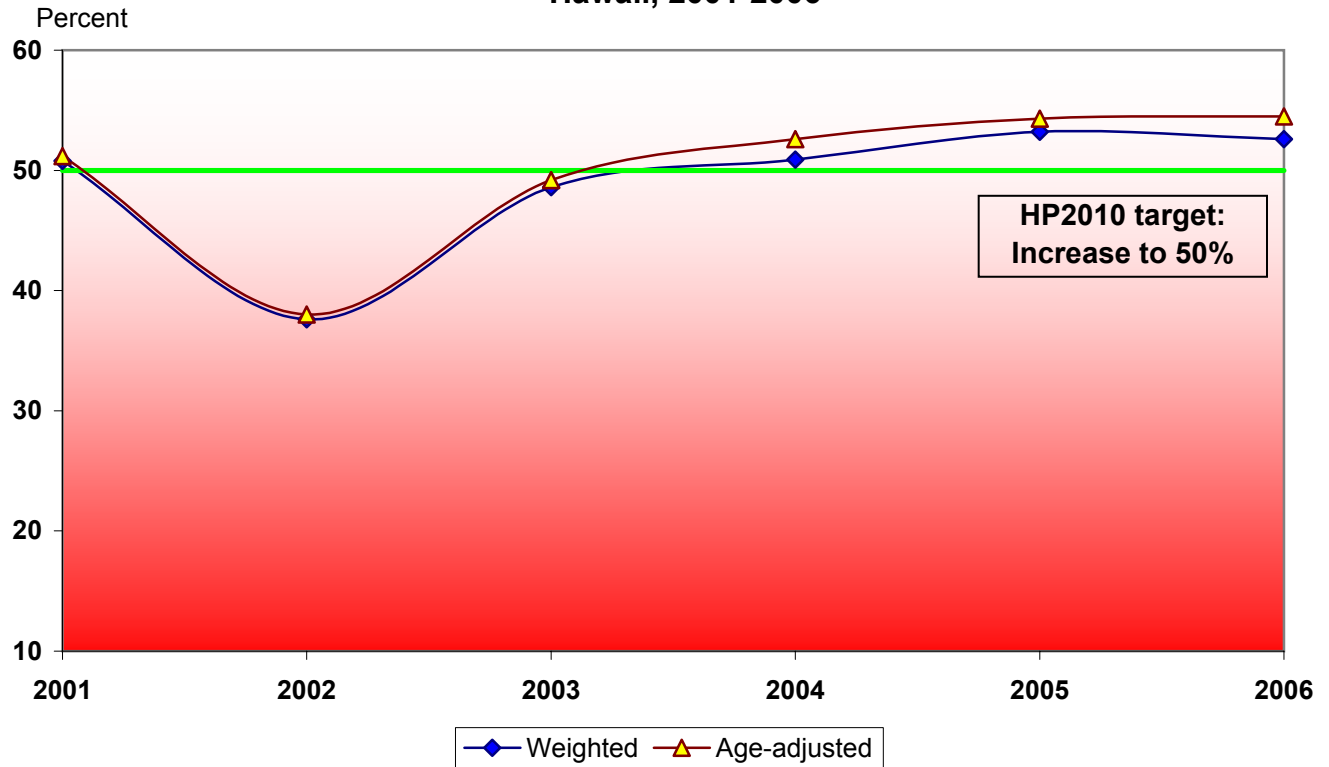


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1865	2755	2026	1093	1660	3566
Had a sigmoidoscopy	877	1079	922	526	929	1935
Weight percentage	49.0	38.6	46.9	48.8	55.4	52.9
95% C.I.	(45.9 - 52.2)	(36.1 - 41.0)	(44.1 - 49.8)	(44.8 - 52.9)	(52.1 - 58.6)	(50.7 - 55.1)
Age-adjusted percentage	49.3	38.6	47.2	49.7	56.2	53.7
95% C.I.	(46.2 - 52.4)	(36.3 - 41.1)	(44.4 - 50.0)	(45.8 - 53.6)	(53.0 - 59.4)	(51.5 - 55.8)
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12b/ SUPPLEMENT 1

**Percent of men, aged 50+, who had a sigmoidoscopy
Hawaii, 2001-2006**

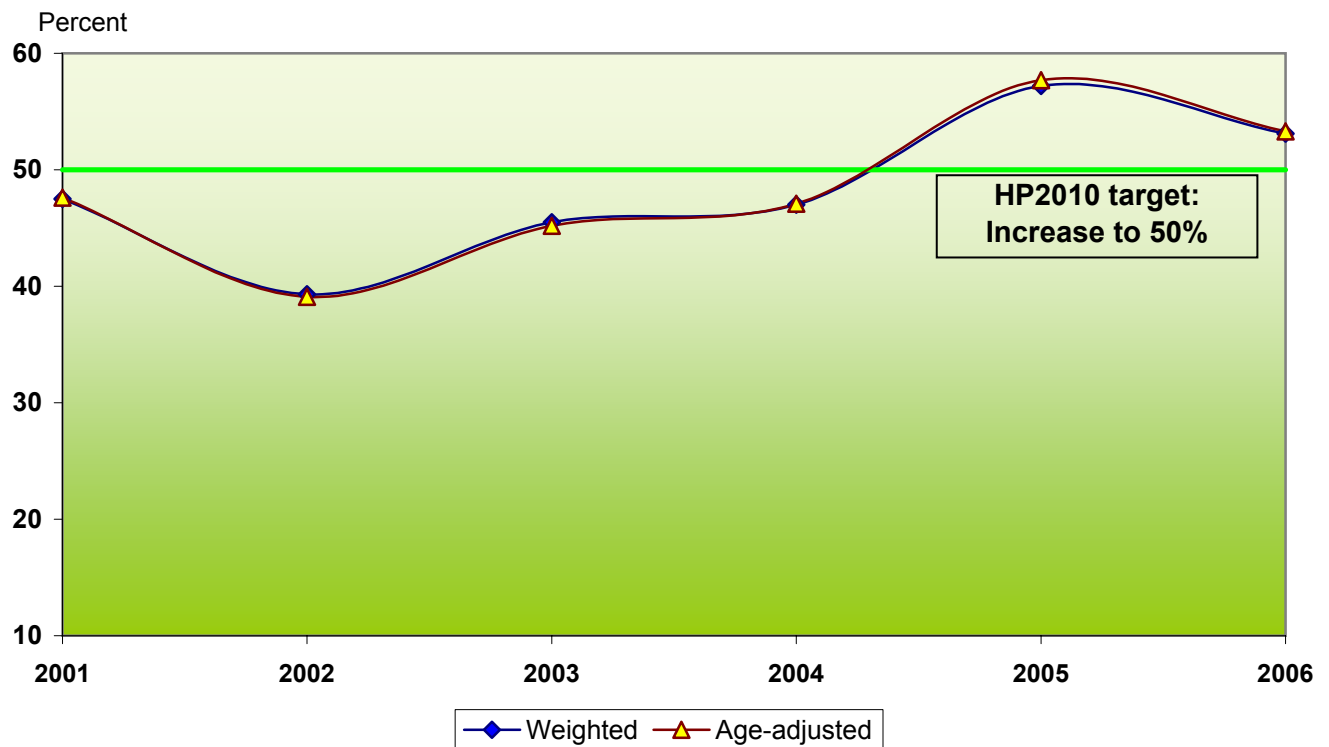


YEAR	2001	2002	2003	2004	2005	2006
Sample size	771	1163	789	436	641	1489
Had a sigmoidoscopy	382	441	369	212	346	809
Weight percentage	50.8	37.6	48.6	50.9	53.2	52.6
95% C.I.	(46.0 - 55.5)	(34.0 - 41.4)	(44.1 - 53.1)	(44.7 - 57.0)	(48.0 - 58.4)	(49.3 - 55.9)
Age-adjusted percentage	51.2	38.0	49.2	52.6	54.3	54.5
95% C.I.	(46.5 - 55.9)	(34.3 - 41.7)	(44.8 - 53.7)	(46.5 - 58.5)	(49.1 - 59.4)	(51.3 - 57.6)
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12b/ SUPPLEMENT 2

**Percent of women, aged 50+, who had a sigmoidoscopy
Hawaii, 2001-2006**

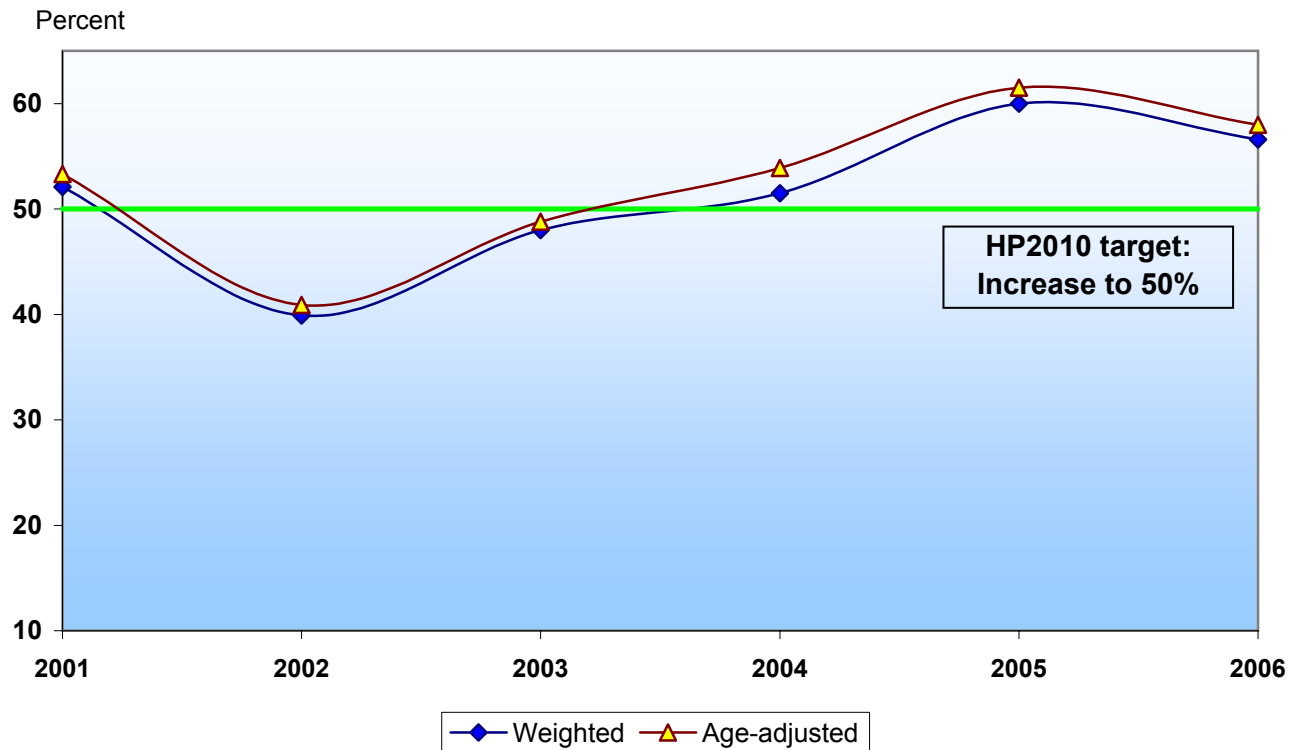


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1094	1592	1237	657	1019	2077
Had a sigmoidoscopy	495	638	553	314	583	1126
Weight percentage	47.5	39.3	45.5	47.0	57.2	53.1
95% C.I.	(43.2 - 51.7)	(36.2 - 42.6)	(42.0 - 49.0)	(41.6 - 52.4)	(53.1 - 61.2)	(50.2 - 56.0)
Age-adjusted percentage	47.6	39.1	45.2	47.1	57.7	53.3
95% C.I.	(43.5 - 51.8)	(36.0 - 42.2)	(41.8 - 48.7)	(42.1 - 52.2)	(53.8 - 61.5)	(50.4 - 56.2)
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12b/ SUPPLEMENT 3

**Percent of White adults, aged 50+, who had a sigmoidoscopy
Hawaii, 2001-2006**

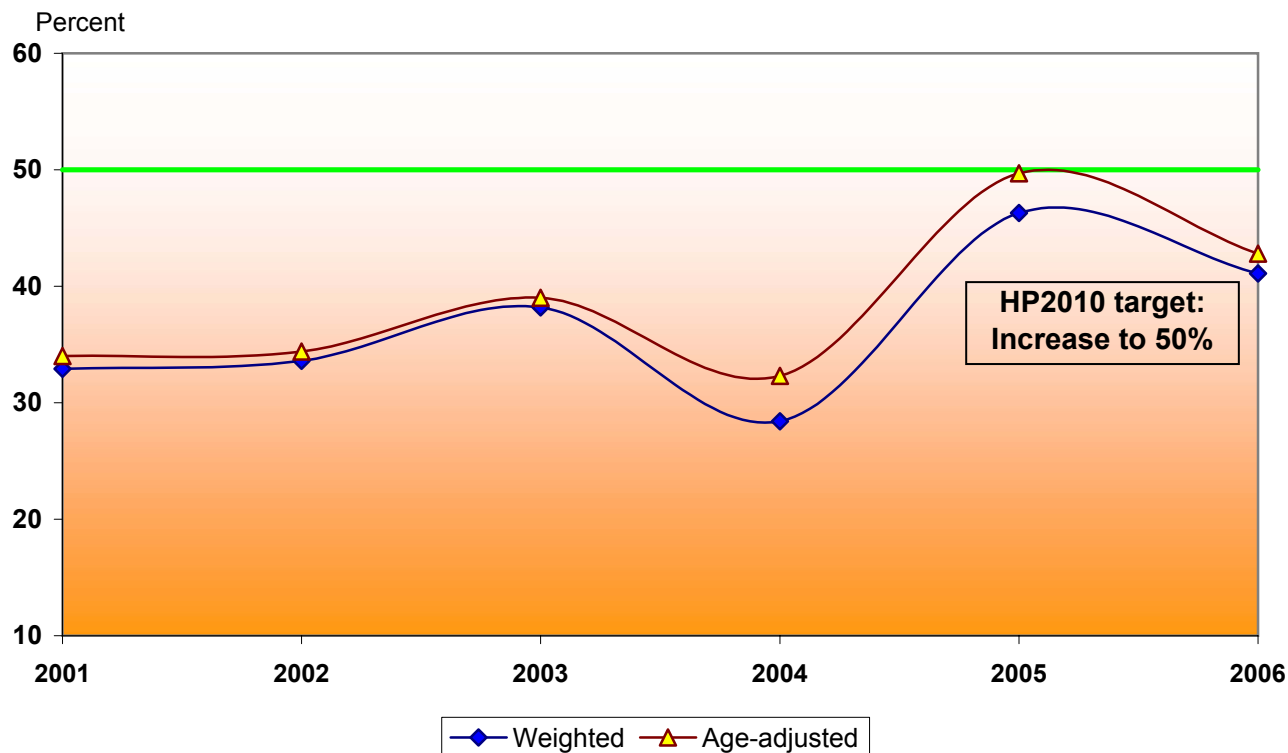


YEAR	2001	2002	2003	2004	2005	2006
Sample size	804	1145	836	473	751	1598
Had a sigmoidoscopy	377	479	384	241	436	901
Weight percentage	52.1	39.9	48.0	51.5	60.0	56.6
95% C.I.	(47.4 - 56.8)	(36.1 - 43.7)	(43.8 - 52.3)	(45.4 - 57.5)	(55.2 - 64.6)	(53.5 - 59.8)
Age-adjusted percentage	53.3	40.9	48.8	53.9	61.5	58.0
95% C.I.	(48.6 - 57.9)	(37.1 - 44.8)	(44.6 - 53.0)	(48.2 - 59.5)	(56.8 - 66.0)	(54.9 - 61.0)
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12b/ SUPPLEMENT 4

**Percent of Hawaiians, aged 50+, who had a sigmoidoscopy
Hawaii, 2001-2006**

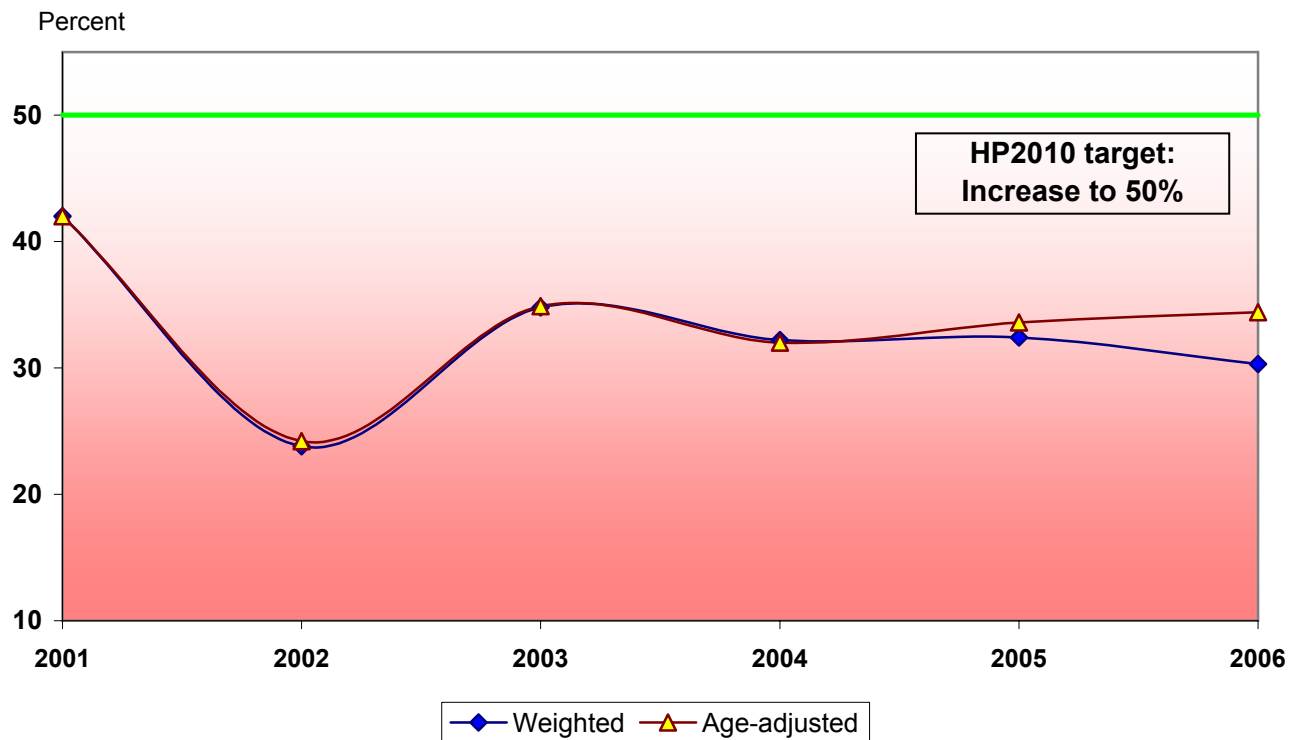


YEAR	2001	2002	2003	2004	2005	2006
Sample size	190	293	233	141	170	369
Had a sigmoidoscopy	77	80	84	44	77	163
Weight percentage	32.9	33.6	38.2	28.4	46.3	41.1
95% C.I.	(24.8 - 42.2)	(26.0 - 42.0)	(30.4 - 46.6)	(19.8 - 39.0)	(36.1 - 56.8)	(34.3 - 48.2)
Age-adjusted percentage	34.0	34.4	39.0	32.3	49.7	42.8
95% C.I.	(25.9 - 43.1)	(27.2 - 42.5)	(31.4 - 47.3)	(22.8 - 43.4)	(39.8 - 59.5)	(36.1 - 49.7)
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12b/ SUPPLEMENT 5

**Percent of Filipinos, aged 50+, who had a sigmoidoscopy
Hawaii, 2001-2006**

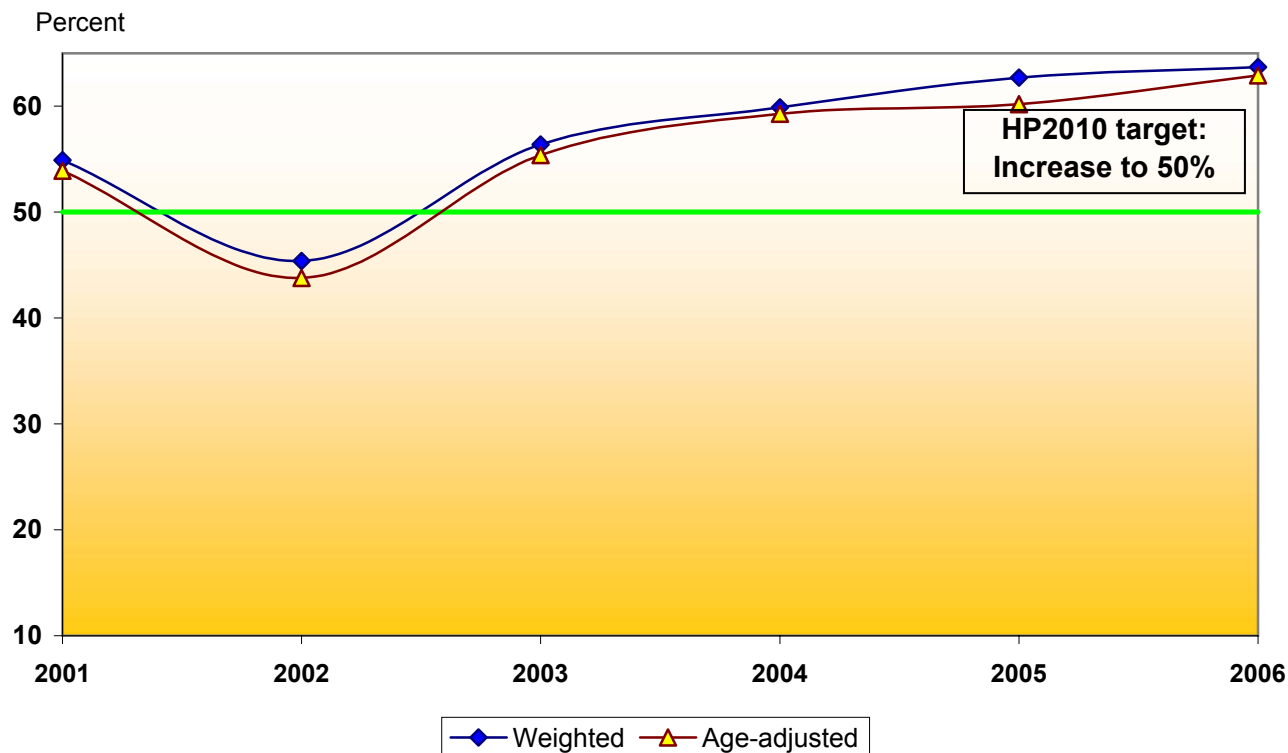


YEAR	2001	2002	2003	2004	2005	2006
Sample size	193	311	185	102	168	312
Had a sigmoidoscopy	70	77	63	35	60	115
Weight percentage	42.0	23.8	34.8	32.2	32.4	30.3
95% C.I.	(31.1 - 53.7)	(18.3 - 30.5)	(26.6 - 44.1)	(20.5 - 46.6)	(23.6 - 42.8)	(23.7 - 37.8)
Age-adjusted percentage	42.0	24.2	34.9	32.0	33.6	34.4
95% C.I.	(31.4 - 53.3)	(18.5 - 30.9)	(26.8 - 44.1)	(20.7 - 45.9)	(24.5 - 44.2)	(27.5 - 42.0)
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12b/ SUPPLEMENT 6

**Percent of Japanese, aged 50+, who had a sigmoidoscopy
Hawaii, 2001-2006**

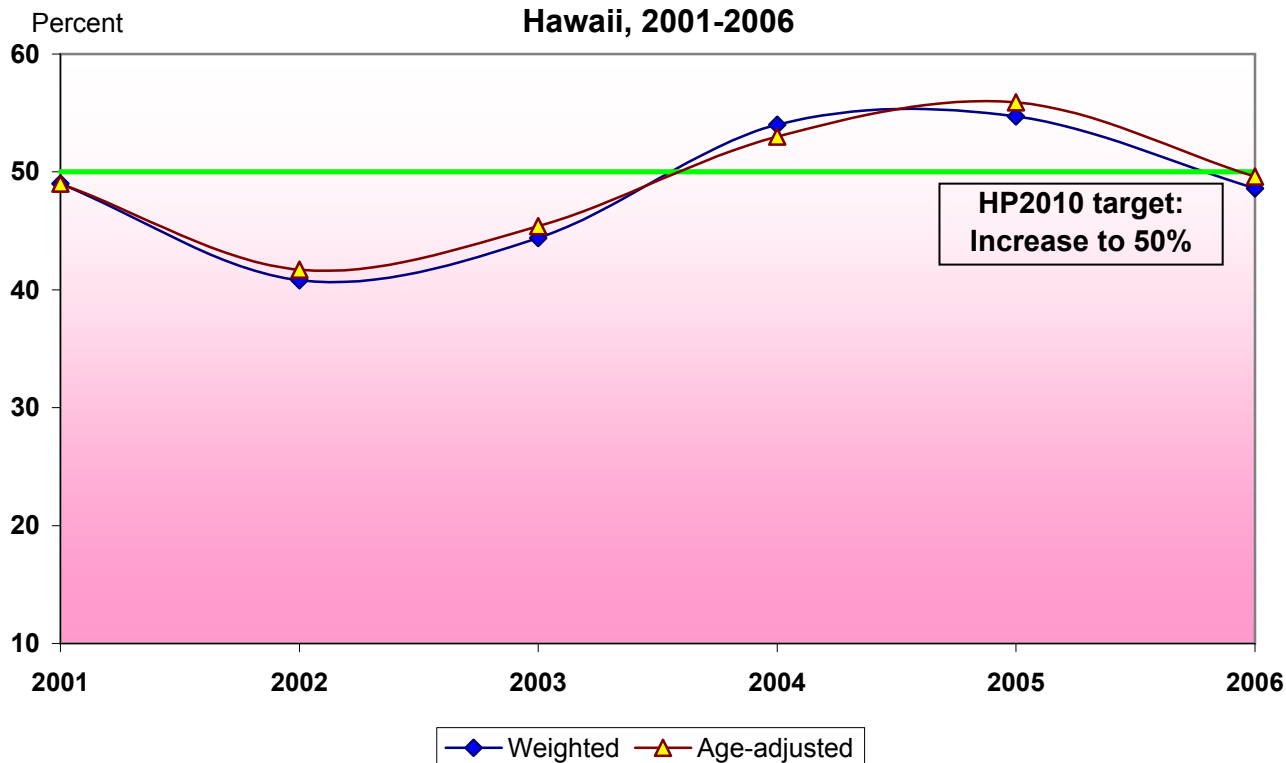


YEAR	2001	2002	2003	2004	2005	2006
Sample size	465	696	482	283	405	847
Had a sigmoidoscopy	252	319	272	160	267	539
Weight percentage	54.9	45.4	56.4	59.9	62.7	63.7
95% C.I.	(49.1 - 60.6)	(40.8 - 50.2)	(50.8 - 61.9)	(52.3 - 67.0)	(56.4 - 68.6)	(59.7 - 67.6)
Age-adjusted percentage	53.9	43.8	55.4	59.3	60.2	62.9
95% C.I.	(47.7 - 59.9)	(38.8 - 48.9)	(49.6 - 61.0)	(52.0 - 66.3)	(54.0 - 66.0)	(58.8 - 66.8)
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12b/ SUPPLEMENT 7

**Percent of adults of other races, aged 50+,
who had a sigmoidoscopy
Hawaii, 2001-2006**

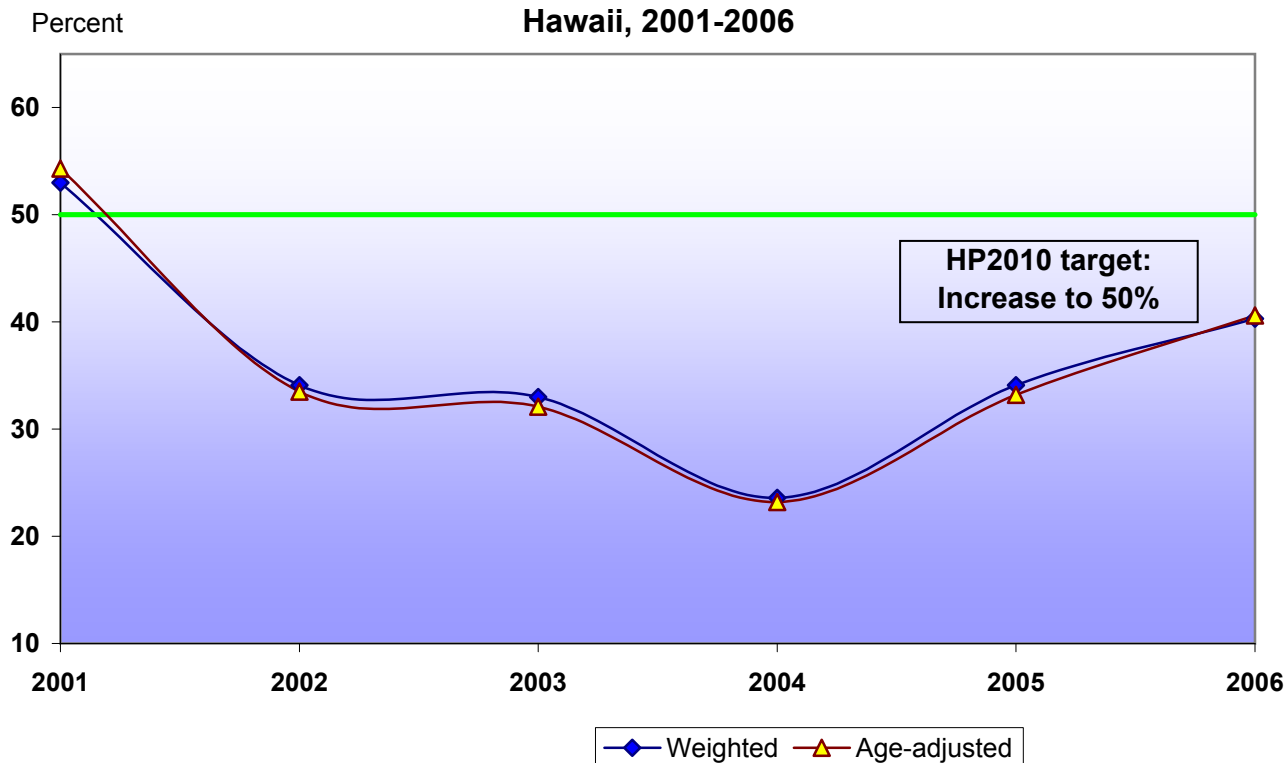


YEAR	2001	2002	2003	2004	2005	2006
Sample size	213	310	290	94	166	440
Had a sigmoidoscopy	101	124	119	46	89	217
Weight percentage	49.0	40.8	44.4	54.0	54.7	48.6
95% C.I.	(40.3 - 57.7)	(34.3 - 47.6)	(37.4 - 51.6)	(41.0 - 66.4)	(45.2 - 63.9)	(42.7 - 54.5)
Age-adjusted percentage	49.0	41.7	45.4	53.0	55.9	49.6
95% C.I.	(40.5 - 57.6)	(35.3 - 48.4)	(38.3 - 52.6)	(40.6 - 65.1)	(46.6 - 64.8)	(43.7 - 55.5)
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12b/ SUPPLEMENT

**Percent of adults, aged 50+ , in low income households,
who had a sigmoidoscopy
Hawaii, 2001-2006**

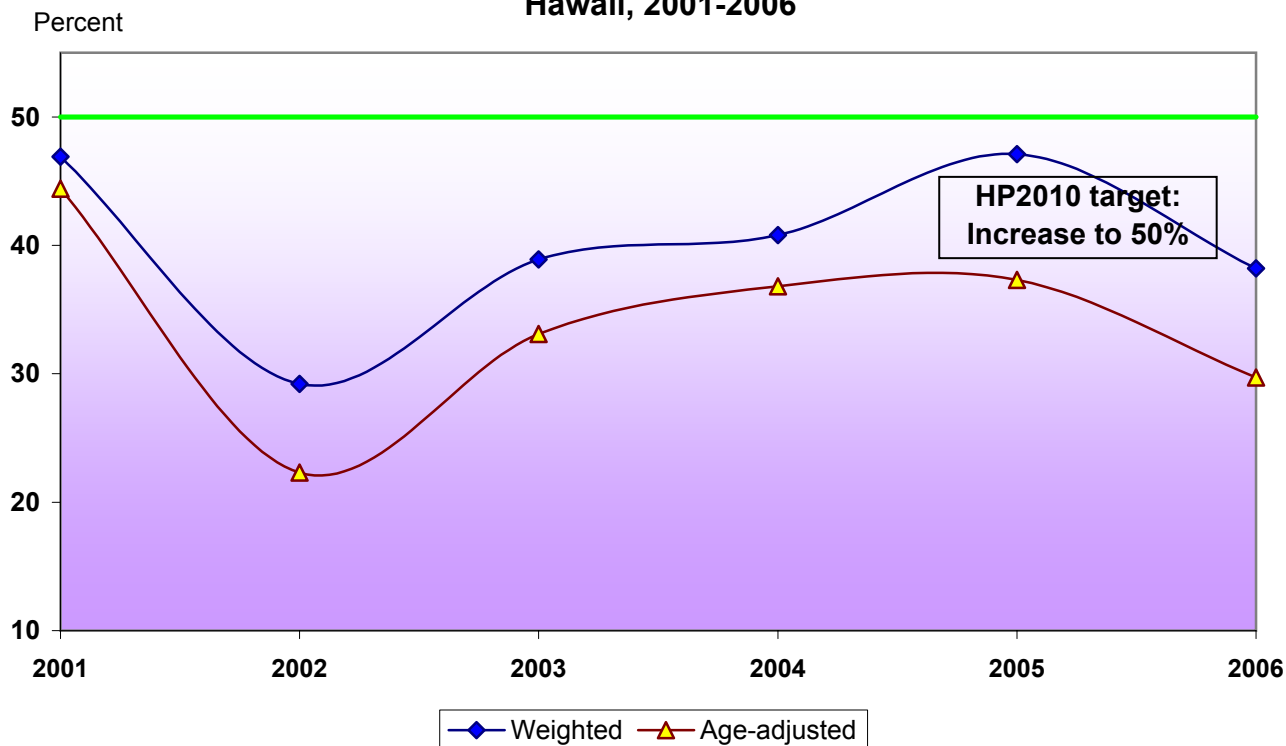


YEAR	2001	2002	2003	2004	2005	2006
Sample size	167	268	253	104	142	316
Had a sigmoidoscopy	74	90	94	36	51	136
Weight percentage	53.0	34.1	33.0	23.6	34.1	40.3
95% C.I.	(41.1 - 64.5)	(26.7 - 42.3)	(26.2 - 40.6)	(15.0 - 35.1)	(24.3 - 45.4)	(32.6 - 48.7)
Age-adjusted percentage	54.3	33.5	32.1	23.2	33.2	40.6
95% C.I.	(42.5 - 65.6)	(26.4 - 41.4)	(25.3 - 39.7)	(14.7 - 34.6)	(25.1 - 42.4)	(32.9 - 48.7)
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12b/ SUPPLEMENT 8

**Percent of adults, with less education, aged 50+,
who had a sigmoidoscopy
Hawaii, 2001-2006**

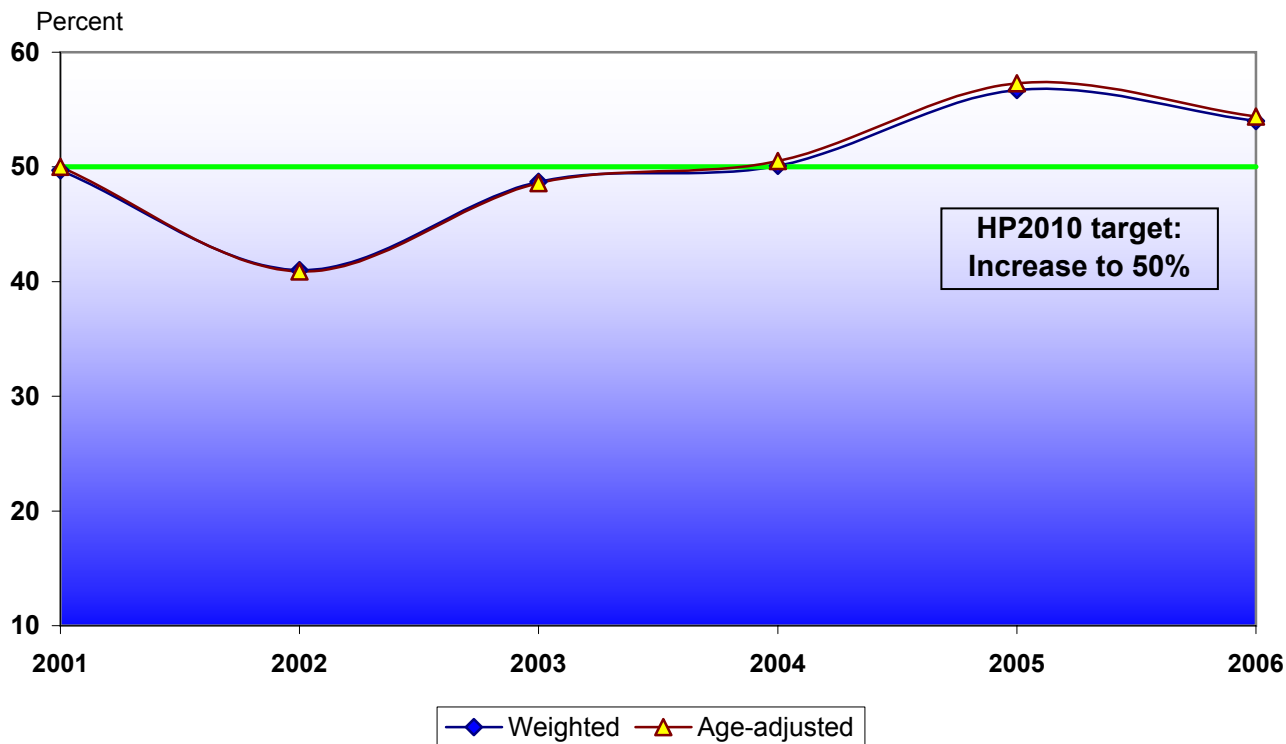


YEAR	2001	2002	2003	2004	2005	2006
Sample size	215	296	183	95	124	269
Had a sigmoidoscopy	94	93	79	45	56	116
Weight percentage	46.9	29.2	38.9	40.8	47.1	38.2
95% C.I.	(36.5 - 57.7)	(22.7 - 36.6)	(29.7 - 49.0)	(28.3 - 54.6)	(34.9 - 59.6)	(30.6 - 46.4)
Age-adjusted percentage	44.4	22.3	33.1	36.8	37.3	29.7
95% C.I.	(33.4 - 56.0)	(16.7 - 29.1)	(24.7 - 42.7)	(24.8 - 50.6)	(27.2 - 48.5)	(24.1 - 36.0)
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12b/ SUPPLEMENT 9

**Percent of adults, aged 50+, who had a sigmoidoscopy
Honolulu county, Hawaii, 2001-2006**

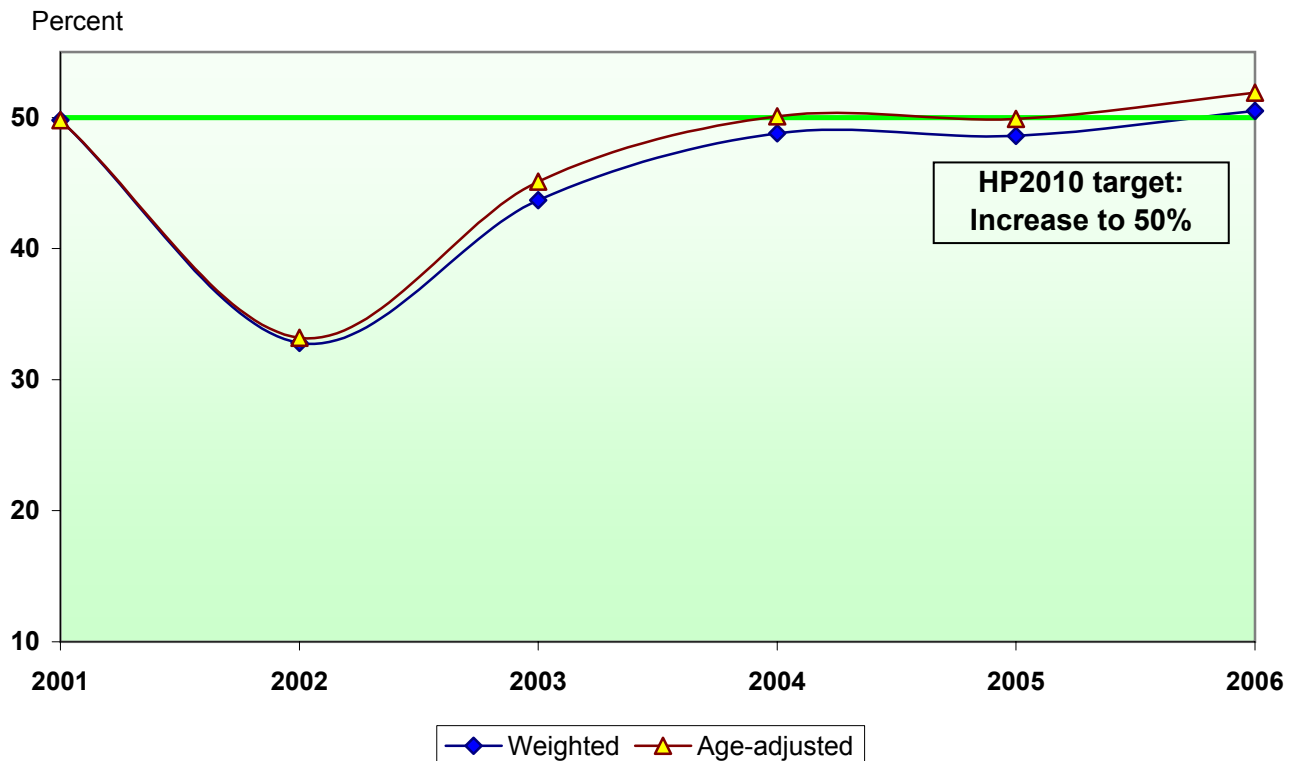


YEAR	2001	2002	2003	2004	2005	2006
Sample size	751	1160	956	436	730	1569
Had a sigmoidoscopy	378	517	463	216	435	885
Weight percentage	49.7	41.0	48.7	50.1	56.7	54.0
95% C.I.	(45.5 - 53.9)	(37.8 - 44.3)	(45.0 - 52.4)	(44.7 - 55.6)	(52.3 - 60.9)	(51.0 - 56.9)
Age-adjusted percentage	50.0	40.9	48.6	50.5	57.3	54.4
95% C.I.	(45.9 - 54.2)	(37.7 - 44.1)	(44.9 - 52.2)	(45.2 - 55.7)	(53.1 - 61.4)	(51.6 - 57.2)
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12b/ SUPPLEMENT 10

**Percent of adults, aged 50+, who had a sigmoidoscopy
Hawaii county, Hawaii, 2001-2006**

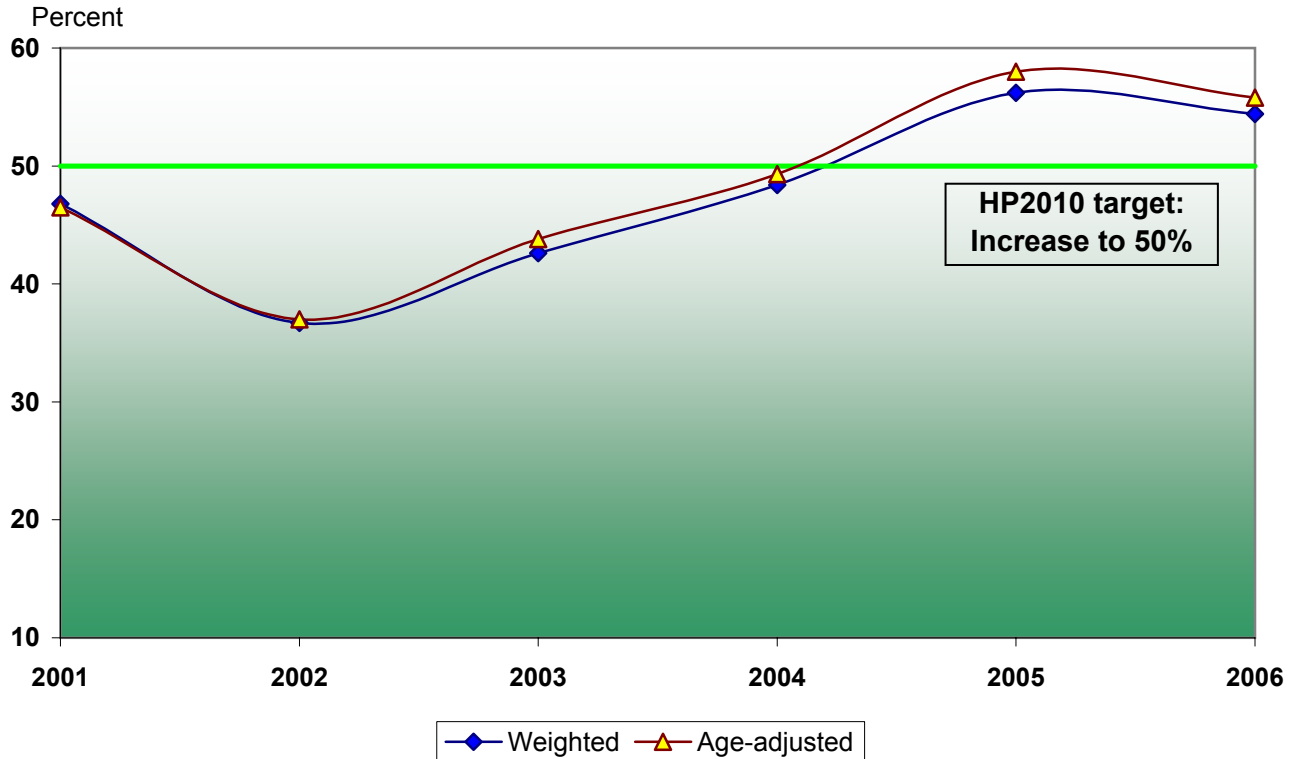


YEAR	2001	2002	2003	2004	2005	2006
Sample size	463	751	531	314	471	833
Had a sigmoidoscopy	217	277	240	162	243	434
Weight percentage	49.8	32.8	43.7	48.8	48.6	50.5
95% C.I.	(44.7 - 54.8)	(29.3 - 36.6)	(39.0 - 48.5)	(42.4 - 55.2)	(43.3 - 54.0)	(46.6 - 54.3)
Age-adjusted percentage	49.8	33.2	45.1	50.1	49.9	51.9
95% C.I.	(44.8 - 54.9)	(29.6 - 37.0)	(40.5 - 49.7)	(43.9 - 56.3)	(44.6 - 55.2)	(48.2 - 55.6)
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12b/ SUPPLEMENT 11

**Percent of adults, aged 50+, who had a sigmoidoscopy
Kauai county, Hawaii, 2001-2006**

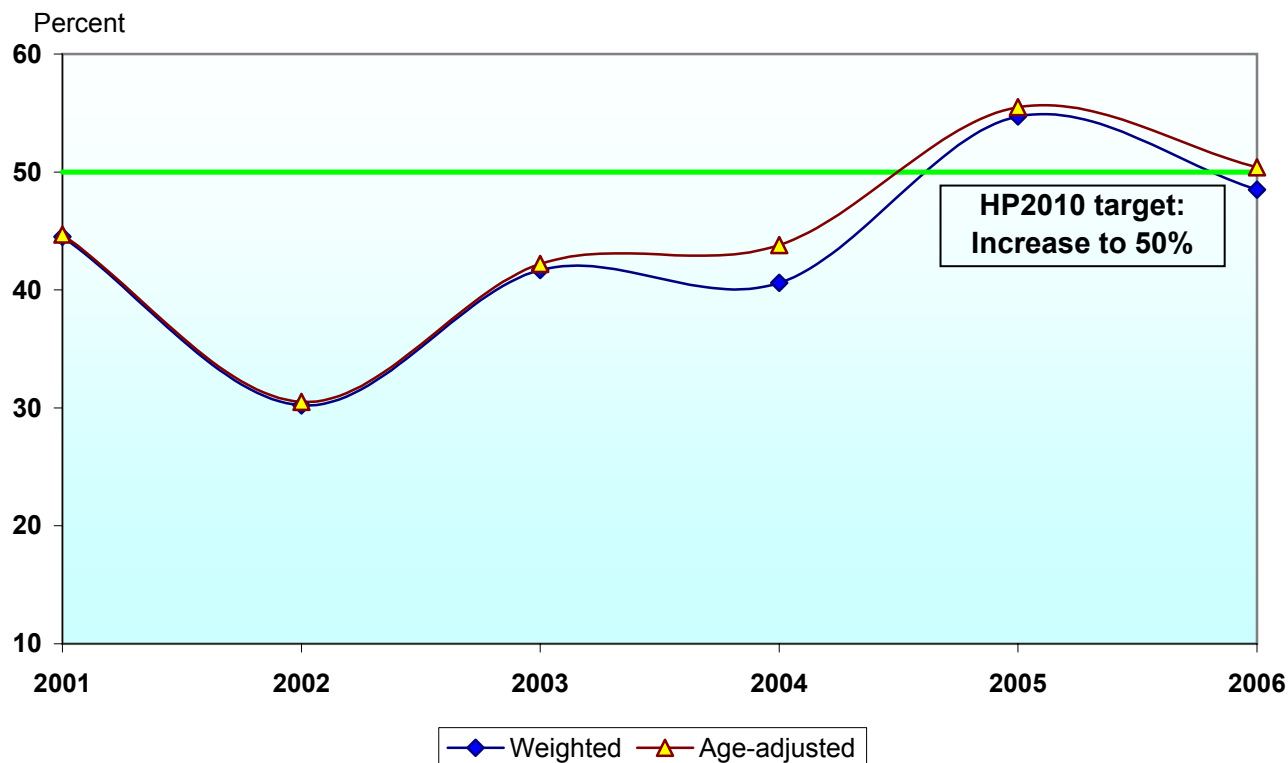


YEAR	2001	2002	2003	2004	2005	2006
Sample size	239	309	206	147	170	377
Had a sigmoidoscopy	107	123	88	71	96	212
Weight percentage	46.8	36.7	42.6	48.4	56.2	54.4
95% C.I.	(38.8 - 55.0)	(30.7 - 43.1)	(35.2 - 50.3)	(39.1 - 57.7)	(47.3 - 64.7)	(48.2 - 60.4)
Age-adjusted percentage	46.5	37.0	43.8	49.3	58.0	55.8
95% C.I.	(38.8 - 54.3)	(31.0 - 43.4)	(36.2 - 51.6)	(39.9 - 58.6)	(49.9 - 65.7)	(49.7 - 61.7)
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 3-12b/ SUPPLEMENT 12

**Percent of adults, aged 50+, who had a sigmoidoscopy
Maui county, Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	412	535	333	196	289	787
Had a sigmoidoscopy	175	162	131	77	155	404
Weight percentage	44.5	30.2	41.7	40.6	54.7	48.5
95% C.I.	(38.7 - 50.4)	(25.8 - 35.0)	(35.2 - 48.6)	(32.4 - 49.5)	(47.3 - 62.0)	(44.2 - 52.9)
Age-adjusted percentage	44.7	30.5	42.2	43.8	55.5	50.4
95% C.I.	(39.1 - 50.4)	(26.0 - 35.3)	(35.6 - 49.2)	(35.8 - 52.3)	(47.8 - 62.9)	(46.1 - 54.7)
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

DIABETES

There are 5 objectives in this area which can be tracked with our BRFSS data.

NOTES:

- *In measuring HP2010 objectives and goals, adherence to HP2010 definition prescribed in volume I and volume II of HP2010 was followed as much as possible. However, readers are being cautioned that not all the HBRFSS variables or questions used in measuring HP2010 objectives and goals are 100% comparable with the prescribed HP2010 definition but are close alternatives.*
- *Due to change made after November 2000 publication, the target and baseline of **some** of the following objectives are revised (the original baseline or target objective would be noted by an asterisk).*

Objective 5-3: *Reduce the overall rate of diabetes that is clinically diagnosed to 2.5% (25 overall cases per 1,000 population)*

Question used to obtain the data: *Have you ever been told by a doctor, a nurse or a health professional that you have diabetes?*

In 2006, 7.6% of adults reported that they were diagnosed with diabetes (Figure 5a), much higher than the HP2010 goal of 2.5%. More than that, the trend is going up.

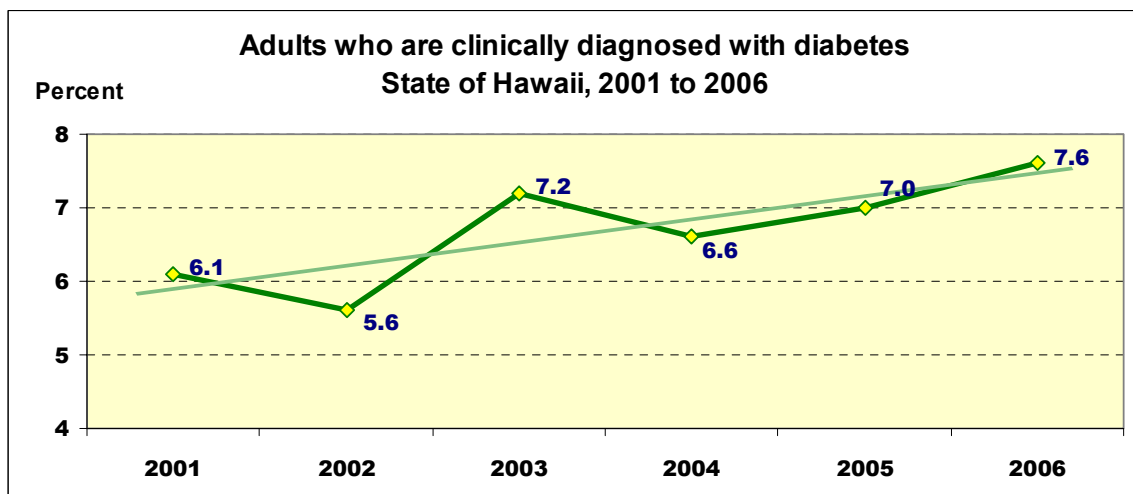


Fig. 5a

There is a statistical significant difference in the diabetes prevalence rate between ethnic groups in 2006. Caucasians have the lowest one, 4.9%, then come Japanese with 6.8%. Both are much lower than those for Hawaiians, 12.3%, and Filipinos, 12.0%.

Moreover, the diabetes rates of Hawaiians and Filipinos have been in an upward trend since 2001 (Figure 5b).

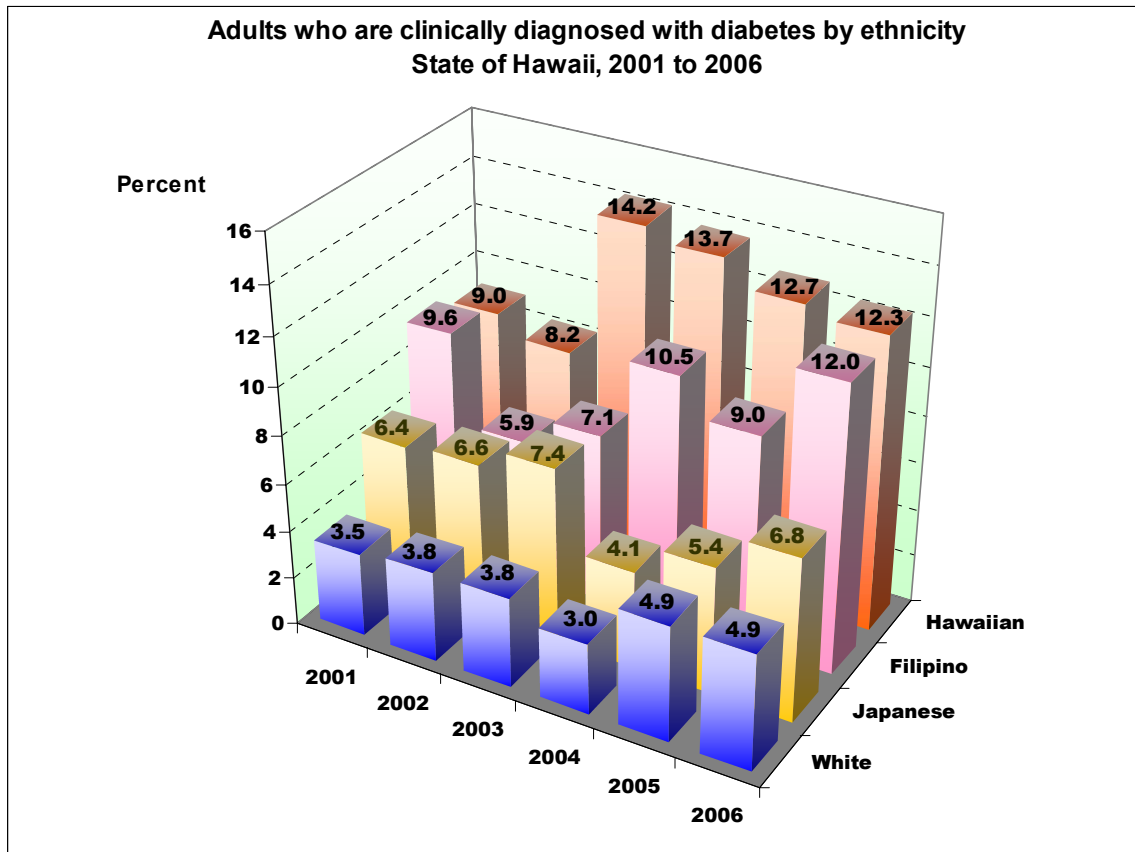


Fig. 5b

In addition, the diabetes rate among people in low-income household is significantly higher than that for the better income (Figure 5c).

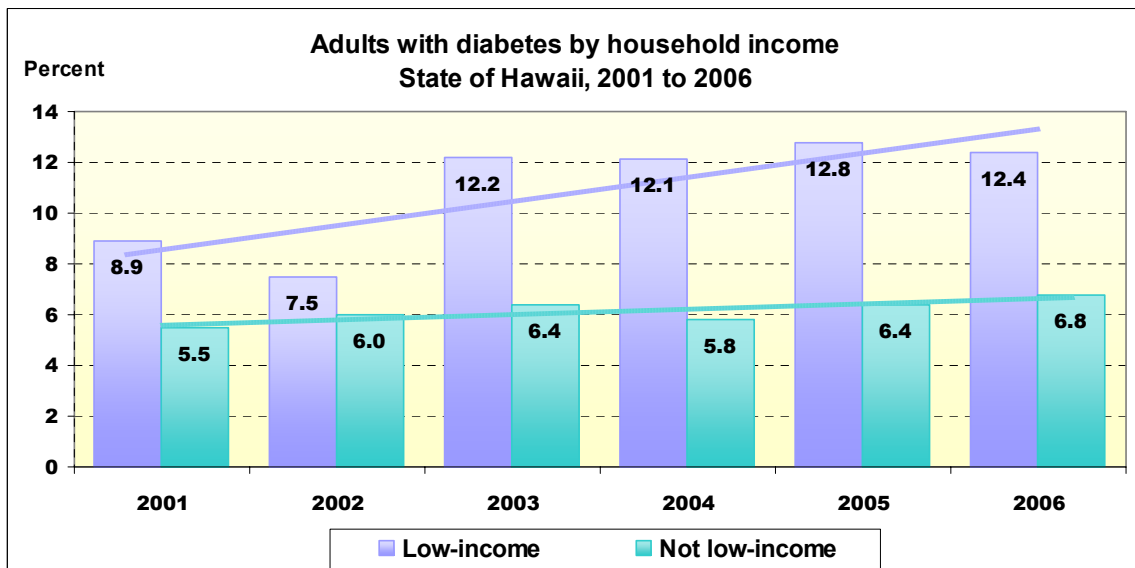


Fig. 5c

Objective 5-1: Increase the proportion of persons with diabetes who receive formal diabetes education to 60%

Question used to obtain the data: *Have you ever taken a course or class in how to manage your diabetes yourself?*

Objective 5-12: *Increase the proportion of adults with diabetes who have a glycosylated hemoglobin measurement at least once a year to 65% (*: revised from 50%)*

Question used to obtain the data: *About how many times in the last year has a doctor, nurse, or other health professional checked you for glycosylated hemoglobin "A one C"?*

Objective 5-13: *Increase the proportion of adults (aged 18+) with diabetes who have an annual dilated eye examination to 76% (*: revised from 75%)*

Question used to obtain the data: *When was the last time you had an eye exam in which the pupils were dilated?*

Objective 5-14: *Increase the proportion of adults with diabetes who have at least an annual foot examination to 91% (*: revised from 75%)*

Question used to obtain the data: *About how many times in the last year has a other health professional checked your feet for any sores or irritations?*

These objectives are to improve the way diabetics manage and control their disease. For the state of Hawaii, these indexes are worsening (Figure 5d).

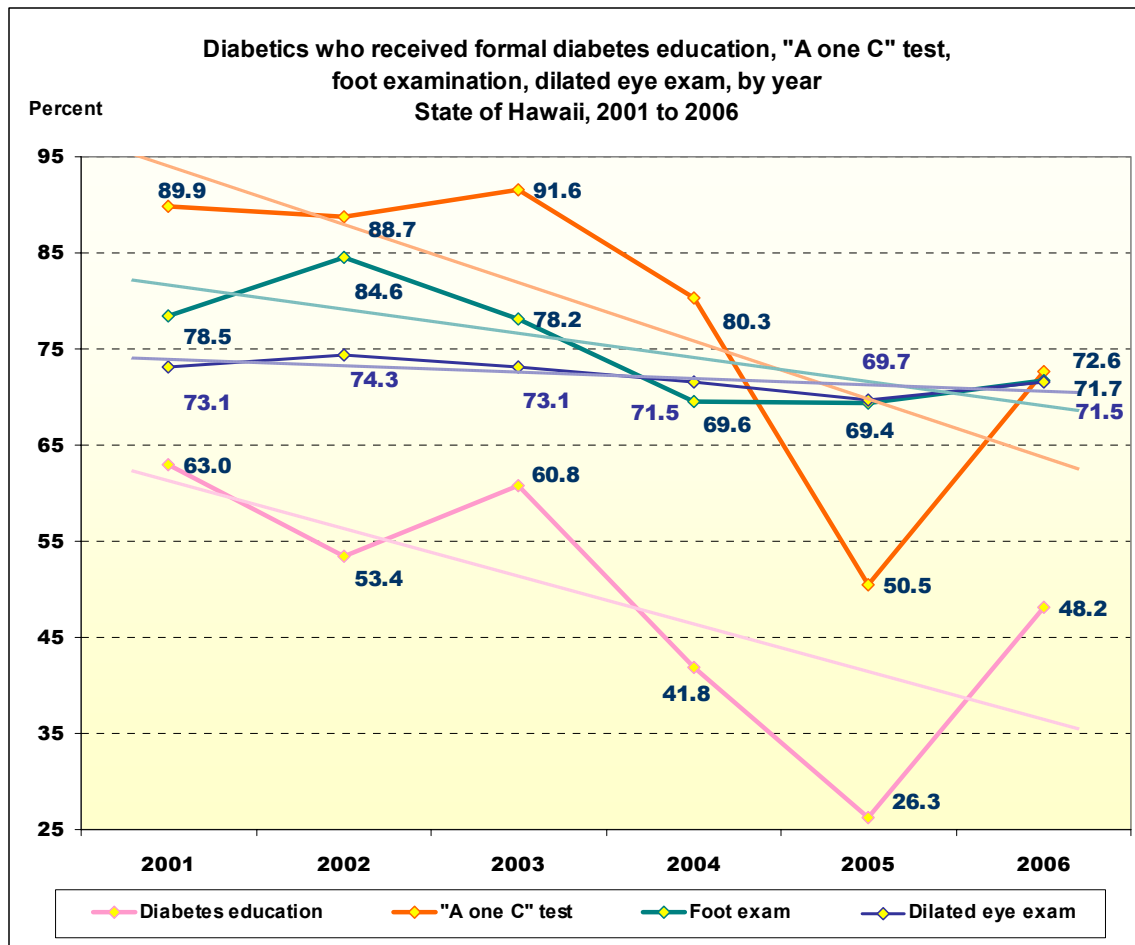
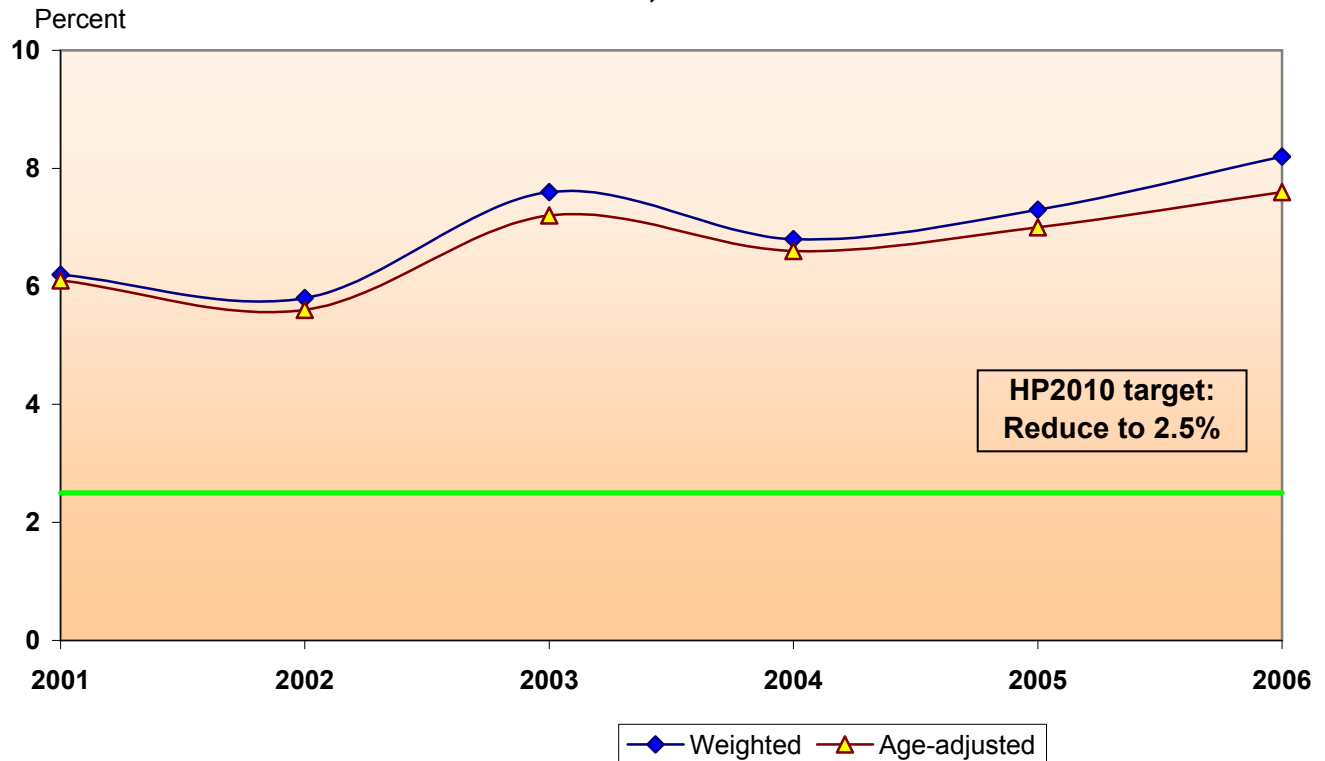


Fig. 5d

- In 2006, 71.5% adults with diabetes had an eye examination in which the pupils were dilated at least once a year (objective 5.13). Logically, Hawaii made progress toward the HP2010 goal of 76% compared to the national baseline of 49% in 1998, but it was actually going down a little bit. In 2001 we were at 73.1% then declined to 71.5% in 2006 while still being around 70%.
- There is a definite downward trend in the proportion of diabetics who had a glycosylated hemoglobin measurement (“A one C” test) at least once a year, the proportion of diabetics who obtained foot examination at least once a year, and the proportion of diabetics who received formal diabetes education. Although, there is an improvement between 2005 and 2006 as reflected by increase in the respective proportion, the increases are not large enough to be at the 2001 level.

OBJECTIVE 5-3

**Percent of adults who have diabetes
Hawaii, 2001-2006**

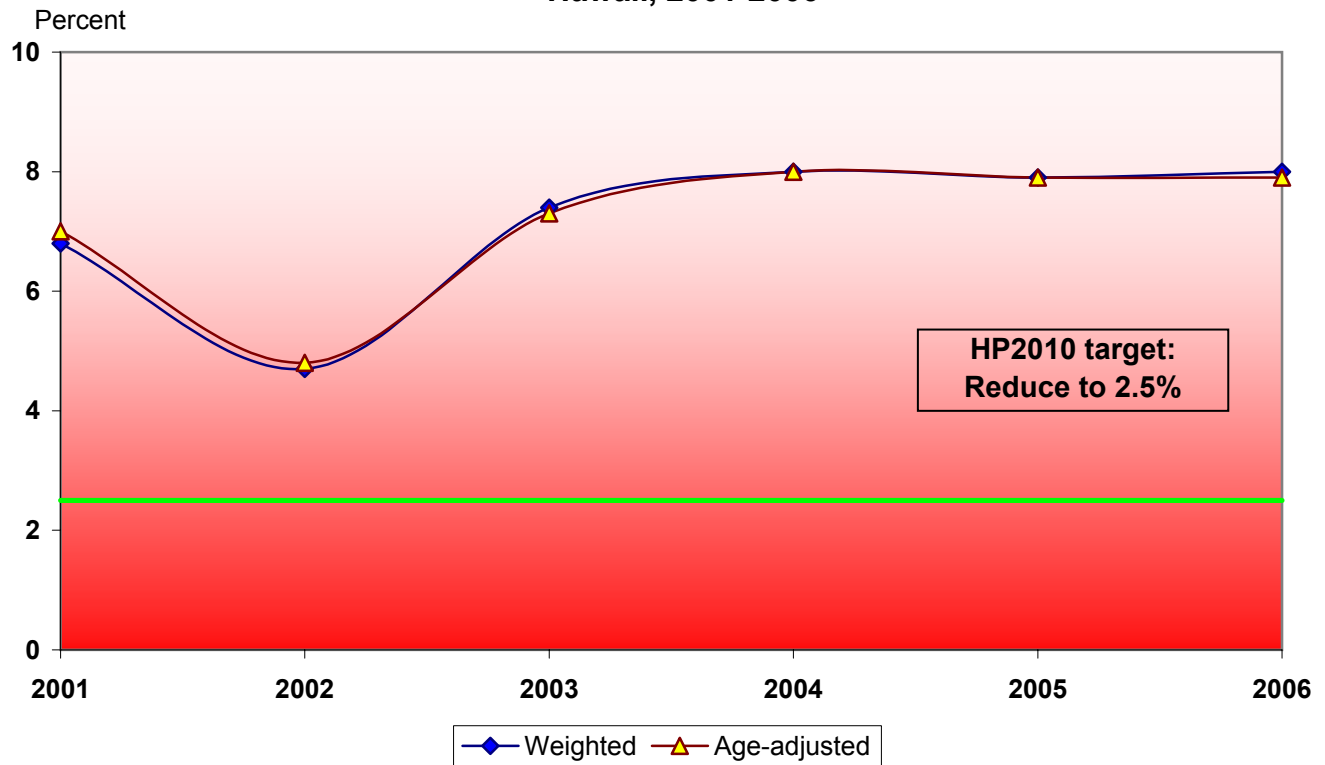


YEAR	2001	2002	2003	2004	2005	2006
Sample size	4500	6000	4339	2202	6416	6564
Have diabetes	262	376	309	155	504	584
Weight percentage	6.2	5.8	7.6	6.8	7.3	8.2
95% C.I.	(5.2 - 7.4)	(5.0 - 6.6)	(6.6 - 8.7)	(5.5 - 8.5)	(6.5 - 8.3)	(7.4 - 9.1)
Age-adjusted percentage	6.1	5.6	7.2	6.6	7.0	7.6
95% C.I.	(5.1 - 7.3)	(5.0 - 6.4)	(6.3 - 8.2)	(5.3 - 8.3)	(6.2 - 7.8)	(6.9 - 8.4)
GOAL (%)	2.5	2.5	2.5	2.5	2.5	2.5

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-3/ SUPPLEMENT 1

**Percent of men who have diabetes
Hawaii, 2001-2006**

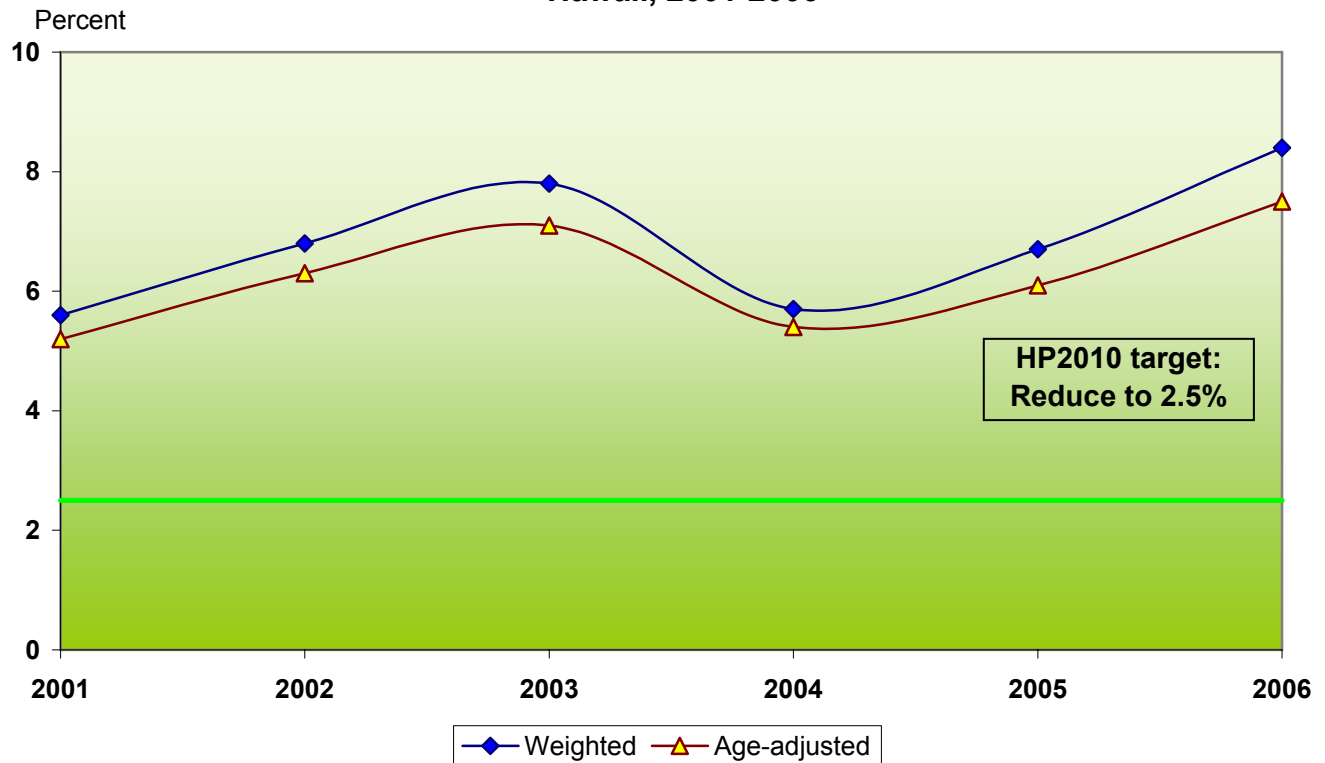


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1937	2605	1761	861	2577	2776
Have diabetes	119	154	127	78	238	256
Weight percentage	6.8	4.7	7.4	8.0	7.9	8.0
95% C.I.	(5.2 - 8.9)	(3.9 - 5.8)	(5.9 - 9.2)	(6.0 - 10.5)	(6.6 - 9.4)	(6.8 - 9.3)
Age-adjusted percentage	7.0	4.8	7.3	8.0	7.9	7.9
95% C.I.	(5.3 - 9.1)	(4.0 - 5.8)	(5.9 - 9.0)	(6.0 - 10.5)	(6.6 - 9.3)	(6.8 - 9.1)
GOAL (%)	2.5	2.5	2.5	2.5	2.5	2.5

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-3/ SUPPLEMENT 2

**Percent of women who have diabetes
Hawaii, 2001-2006**

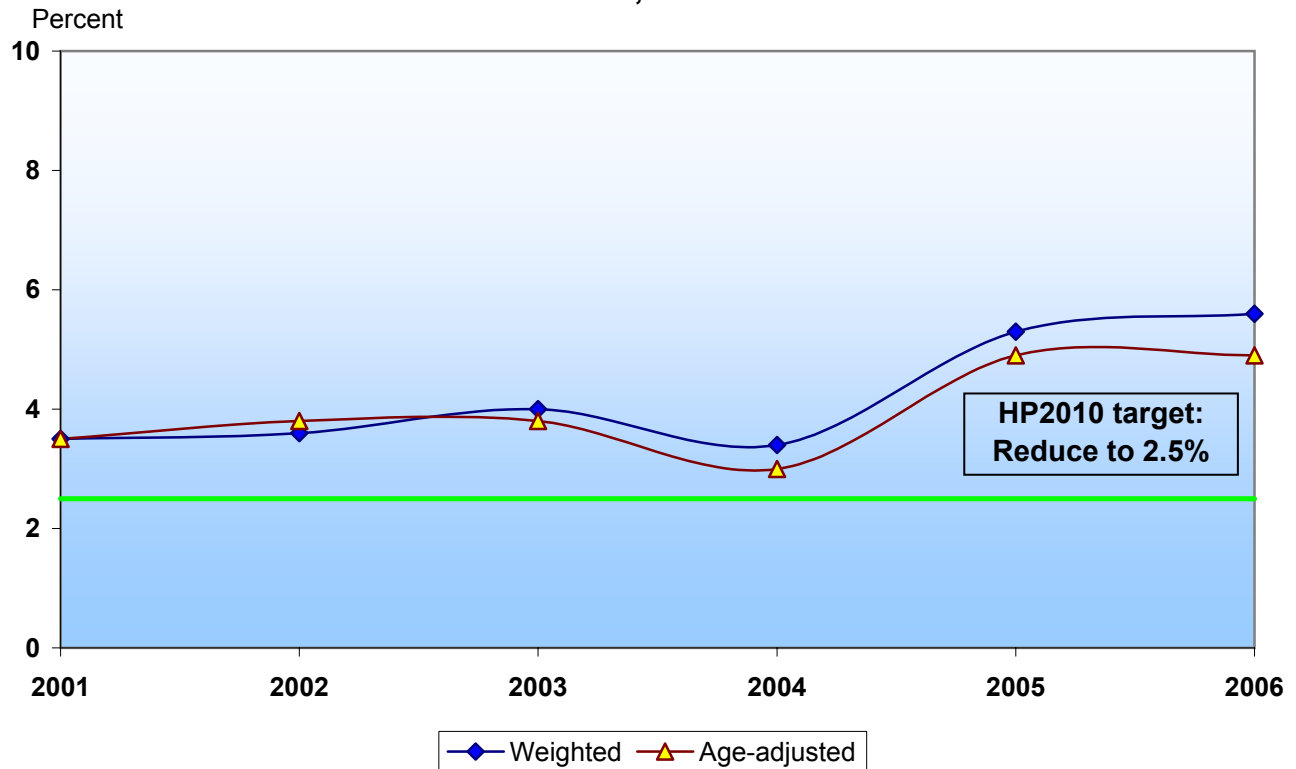


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2563	3395	2578	1341	3839	3788
Have diabetes	143	222	182	77	266	328
Weight percentage	5.6	6.8	7.8	5.7	6.7	8.4
95% C.I.	(4.5 - 6.9)	(5.7 - 8.0)	(6.6 - 9.3)	(4.0 - 8.1)	(5.8 - 7.9)	(7.3 - 9.6)
Age-adjusted percentage	5.2	6.3	7.1	5.4	6.1	7.5
95% C.I.	(4.2 - 6.4)	(5.4 - 7.5)	(6.0 - 8.4)	(3.7 - 7.8)	(5.2 - 7.2)	(6.5 - 8.5)
GOAL (%)	2.5	2.5	2.5	2.5	2.5	2.5

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-3/ SUPPLEMENT 3

**Percent of White adults who have diabetes
Hawaii, 2001-2006**

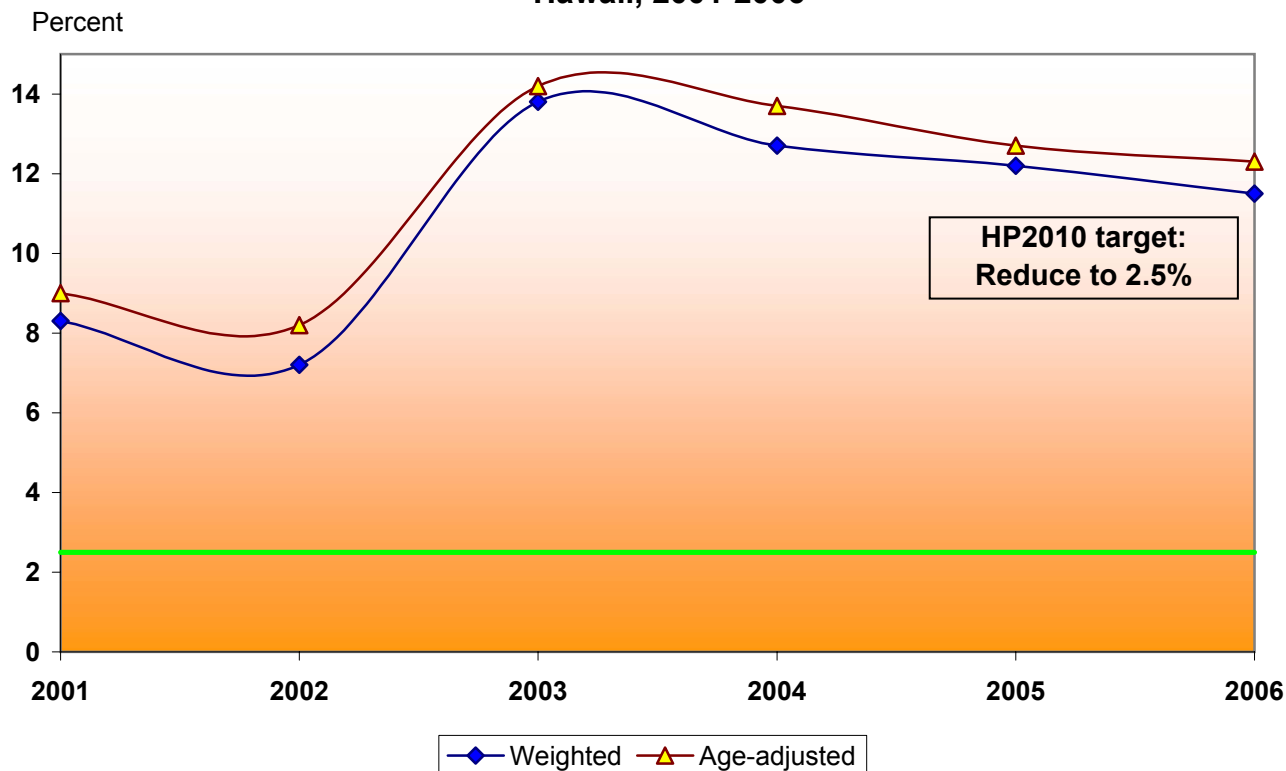


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1857	2481	1666	863	2700	2739
Have diabetes	60	94	63	29	137	159
Weight percentage	3.5	3.6	4.0	3.4	5.3	5.6
95% C.I.	(2.5 - 4.8)	(2.6 - 4.9)	(3.0 - 5.4)	(2.1 - 5.3)	(4.3 - 6.6)	(4.6 - 6.7)
Age-adjusted percentage	3.5	3.8	3.8	3.0	4.9	4.9
95% C.I.	(2.6 - 4.8)	(2.8 - 5.1)	(2.8 - 5.2)	(1.9 - 4.8)	(4.0 - 6.1)	(4.1 - 6.0)
GOAL (%)	2.5	2.5	2.5	2.5	2.5	2.5

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-3/ SUPPLEMENT 4

**Percent of Hawaiians who have diabetes
Hawaii, 2001-2006**

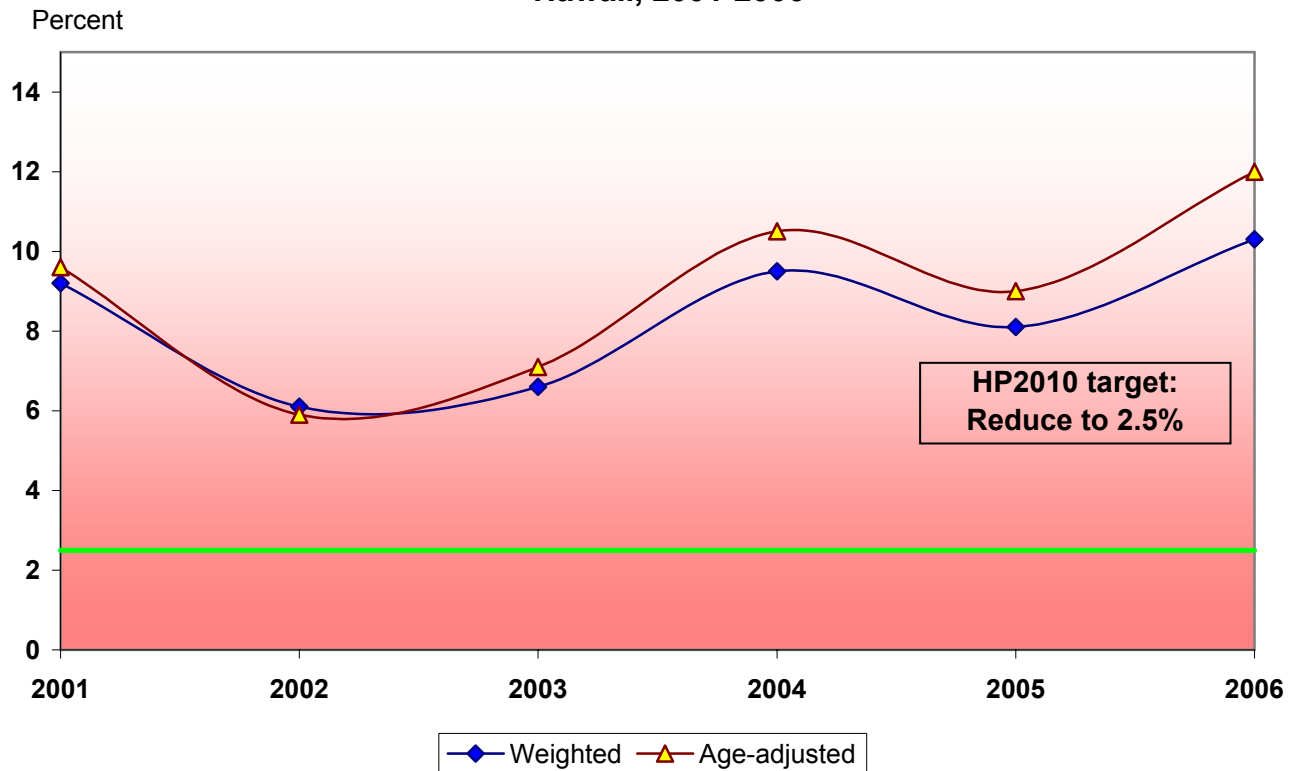


YEAR	2001	2002	2003	2004	2005	2006
Sample size	585	771	612	363	783	796
Have diabetes	44	70	74	43	108	108
Weight percentage	8.3	7.2	13.8	12.7	12.2	11.5
95% C.I.	(5.6 - 12.1)	(5.3 - 9.7)	(10.5 - 18.0)	(8.1 - 19.4)	(9.4 - 15.8)	(9.0 - 14.6)
Age-adjusted percentage	9.0	8.2	14.2	13.7	12.7	12.3
95% C.I.	(6.2 - 12.9)	(6.1 - 10.9)	(11.0 - 18.1)	(9.0 - 20.4)	(9.9 - 16.2)	(9.9 - 15.3)
GOAL (%)	2.5	2.5	2.5	2.5	2.5	2.5

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-3/ SUPPLEMENT 5

**Percent of Filipinos who have diabetes
Hawaii, 2001-2006**

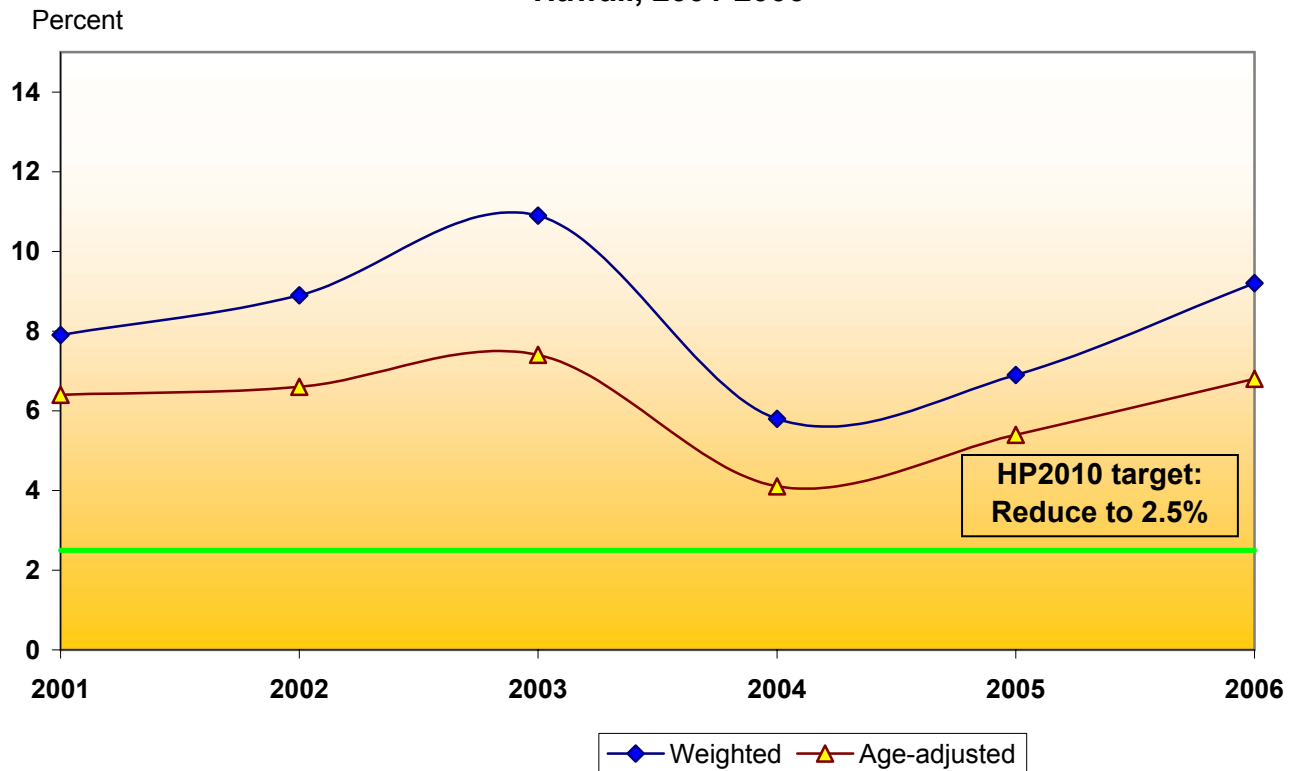


YEAR	2001	2002	2003	2004	2005	2006
Sample size	548	775	504	280	800	792
Have diabetes	52	51	39	33	86	94
Weight percentage	9.2	6.1	6.6	9.5	8.1	10.3
95% C.I.	(5.4 - 15.2)	(4.3 - 8.6)	(4.5 - 9.7)	(5.9 - 15.0)	(6.0 - 10.8)	(7.8 - 13.7)
Age-adjusted percentage	9.6	5.9	7.1	10.5	9.0	12.0
95% C.I.	(6.1 - 15.0)	(4.2 - 8.2)	(5.0 - 10.0)	(6.7 - 16.1)	(6.8 - 11.9)	(9.3 - 15.3)
GOAL (%)	2.5	2.5	2.5	2.5	2.5	2.5

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-3/ SUPPLEMENT 6

**Percent of Japanese who have diabetes
Hawaii, 2001-2006**

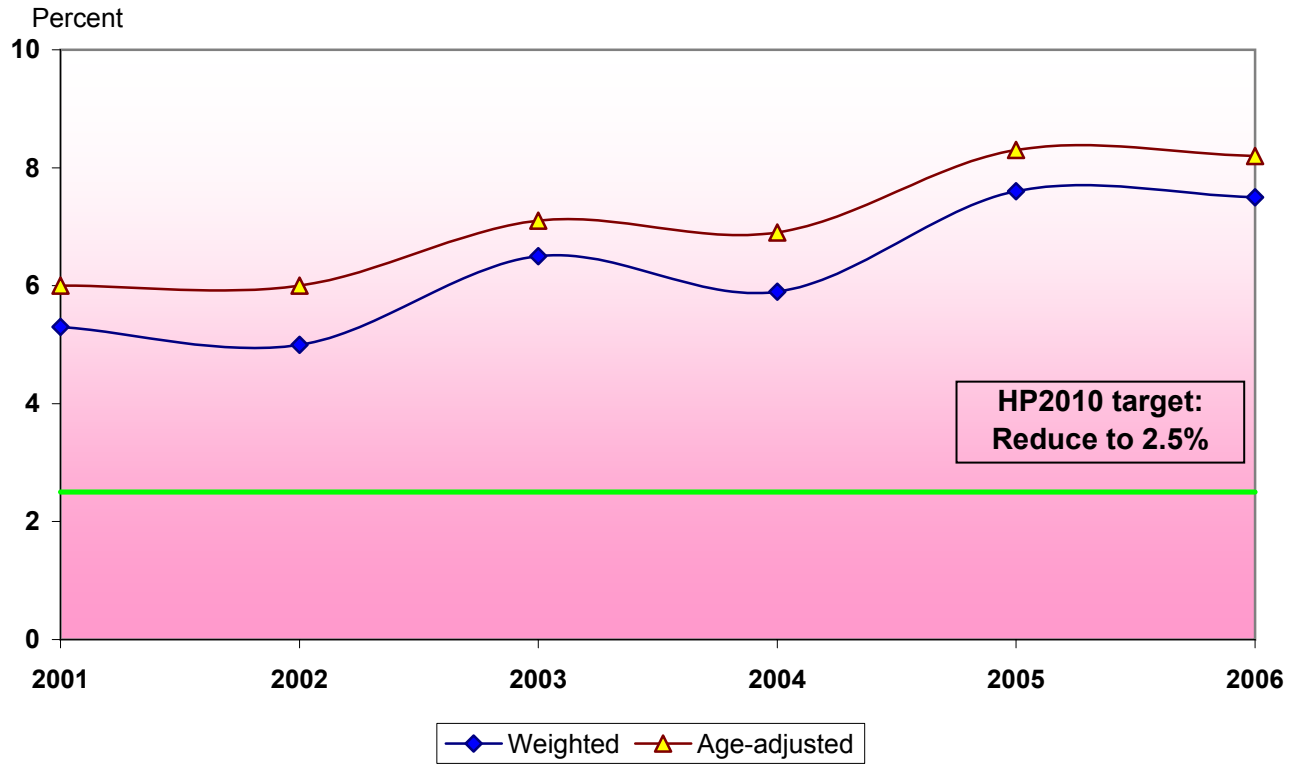


YEAR	2001	2002	2003	2004	2005	2006
Sample size	871	1168	781	444	1290	1287
Have diabetes	77	106	89	34	111	142
Weight percentage	7.9	8.9	10.9	5.8	6.9	9.2
95% C.I.	(5.9 - 10.6)	(7.1 - 11.1)	(8.4 - 14.1)	(3.7 - 8.8)	(5.4 - 8.8)	(7.5 - 11.2)
Age-adjusted percentage	6.4	6.6	7.4	4.1	5.4	6.8
95% C.I.	(4.7 - 8.7)	(5.2 - 8.3)	(5.7 - 9.5)	(2.7 - 6.2)	(4.0 - 7.2)	(5.5 - 8.4)
GOAL (%)	2.5	2.5	2.5	2.5	2.5	2.5

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-3/ SUPPLEMENT 7

**Percent of adults of other races who have diabetes
Hawaii, 2001-2006**

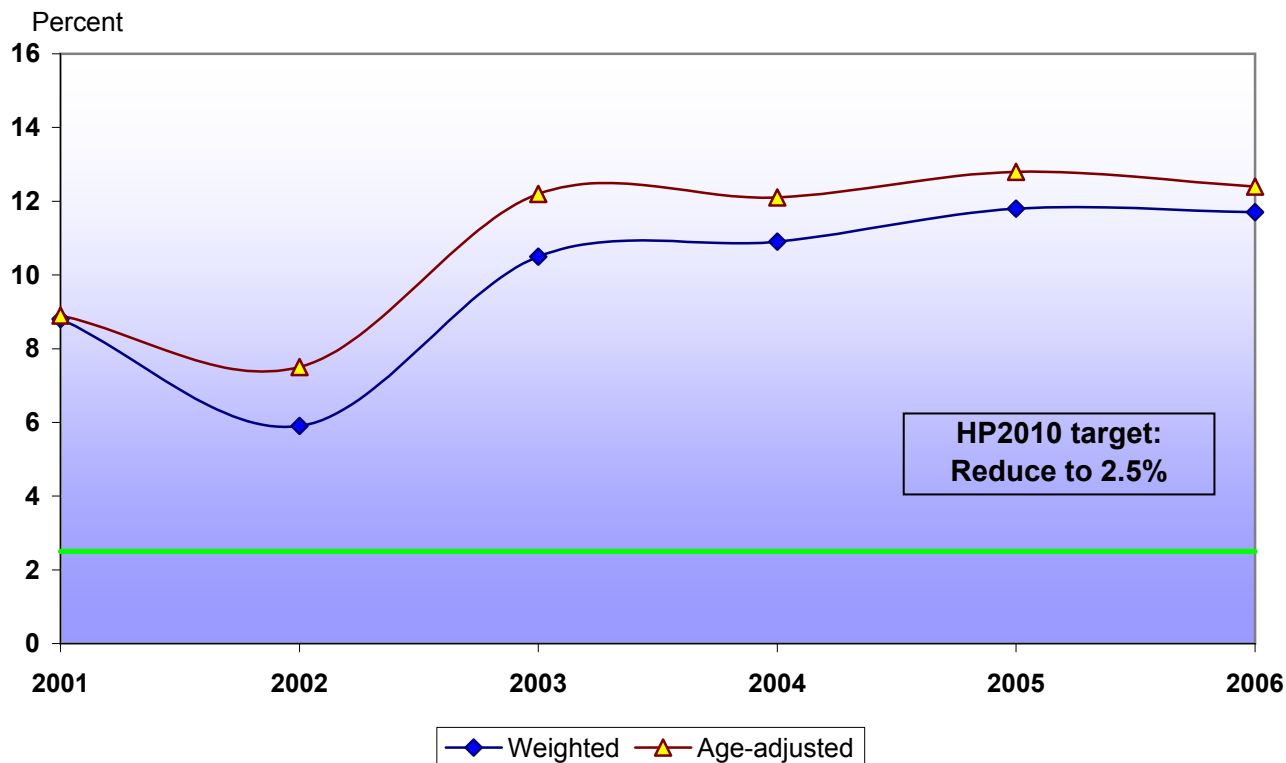


YEAR	2001	2002	2003	2004	2005	2006
Sample size	639	805	776	252	843	950
Have diabetes	29	55	44	16	62	81
Weight percentage	5.3	5.0	6.5	5.9	7.6	7.5
95% C.I.	(3.3 - 8.5)	(3.6 - 6.8)	(4.5 - 9.2)	(3.1 - 10.7)	(5.3 - 10.6)	(5.8 - 9.8)
Age-adjusted percentage	6.0	6.0	7.1	6.9	8.3	8.2
95% C.I.	(3.8 - 9.2)	(4.4 - 8.1)	(5.0 - 9.9)	(3.7 - 12.3)	(5.9 - 11.5)	(6.4 - 10.5)
GOAL (%)	2.5	2.5	2.5	2.5	2.5	2.5

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-3/ SUPPLEMENT 8

**Percent of adults, in low income households, who have diabetes
Hawaii, 2001-2006**

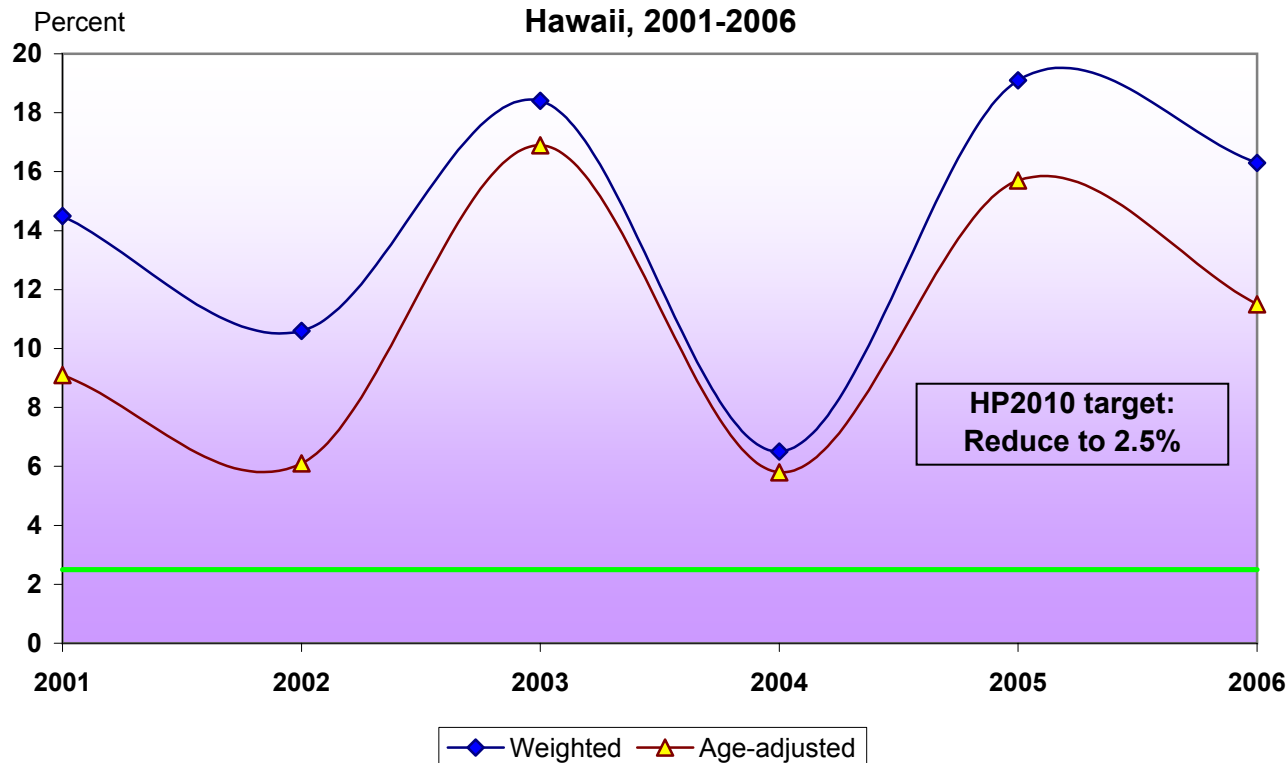


YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	695	601	254	677	702
Have diabetes	40	62	60	27	88	84
Weight percentage	8.8	5.9	10.5	10.9	11.8	11.7
95% C.I.	(5.0 - 15.1)	(4.3 - 8.0)	(7.8 - 14.2)	(6.1 - 18.7)	(8.9 - 15.6)	(8.8 - 15.5)
Age-adjusted percentage	8.9	7.5	12.2	12.1	12.8	12.4
95% C.I.	(5.6 - 13.8)	(5.5 - 10.1)	(9.1 - 16.1)	(7.1 - 19.9)	(9.8 - 16.6)	(9.5 - 16.1)
GOAL (%)	2.5	2.5	2.5	2.5	2.5	2.5

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-3/ SUPPLEMENT 9

**Percent of adults , aged 25 to 64, with less education,
who have diabetes
Hawaii, 2001-2006**

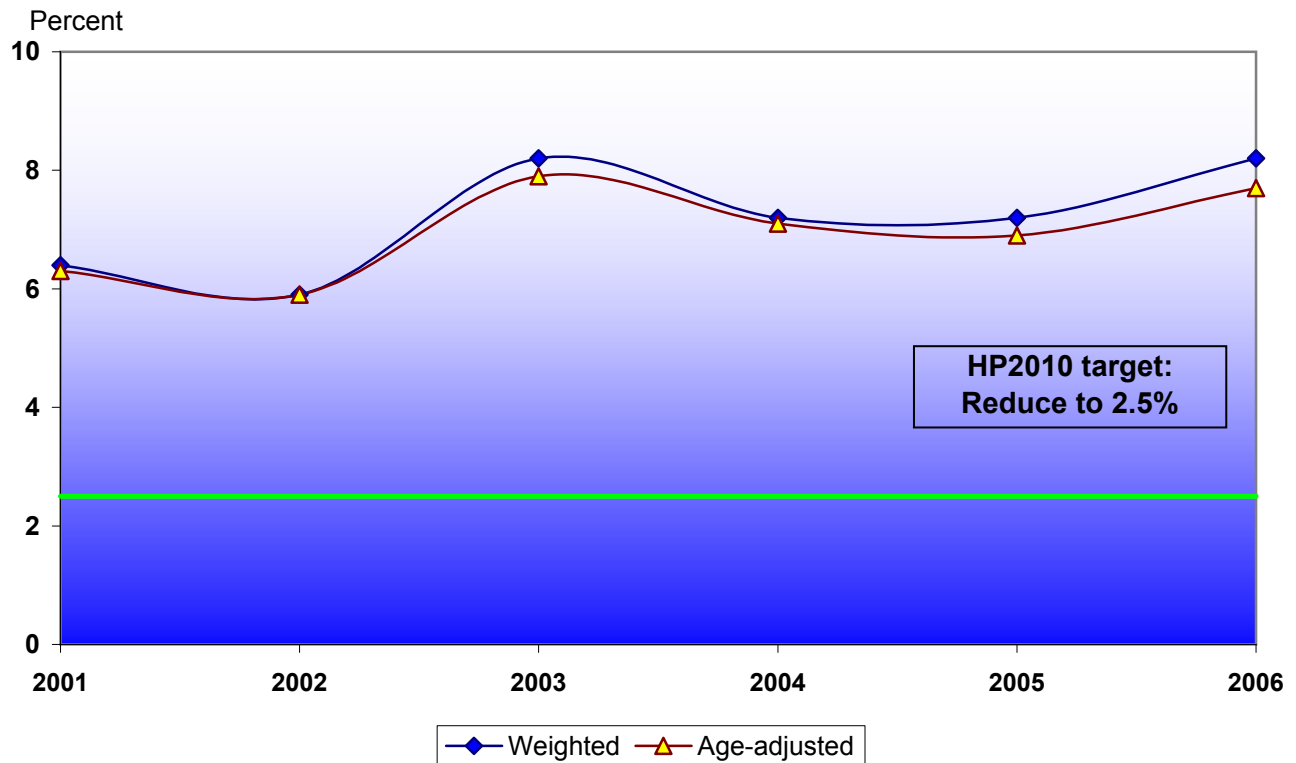


YEAR	2001	2002	2003	2004	2005	2006
Sample size	284	376	239	120	358	383
Have diabetes	47	47	39	16	64	71
Weight percentage	14.5	10.6	18.4	6.5	19.1	16.3
95% C.I.	(9.9 - 20.7)	(7.3 - 15.0)	(12.7 - 25.8)	(3.3 - 12.5)	(13.7 - 25.9)	(12.1 - 21.6)
Age-adjusted percentage	9.1	6.1	16.9	5.8	15.7	11.5
95% C.I.	(5.7 - 14.2)	(3.5 - 10.5)	(11.0 - 24.9)	(2.2 - 14.5)	(10.2 - 23.3)	(8.3 - 15.8)
GOAL (%)	2.5	2.5	2.5	2.5	2.5	2.5

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-3/ SUPPLEMENT 10

**Percent of adults who have diabetes
Honolulu county, Hawaii, 2001-2006**

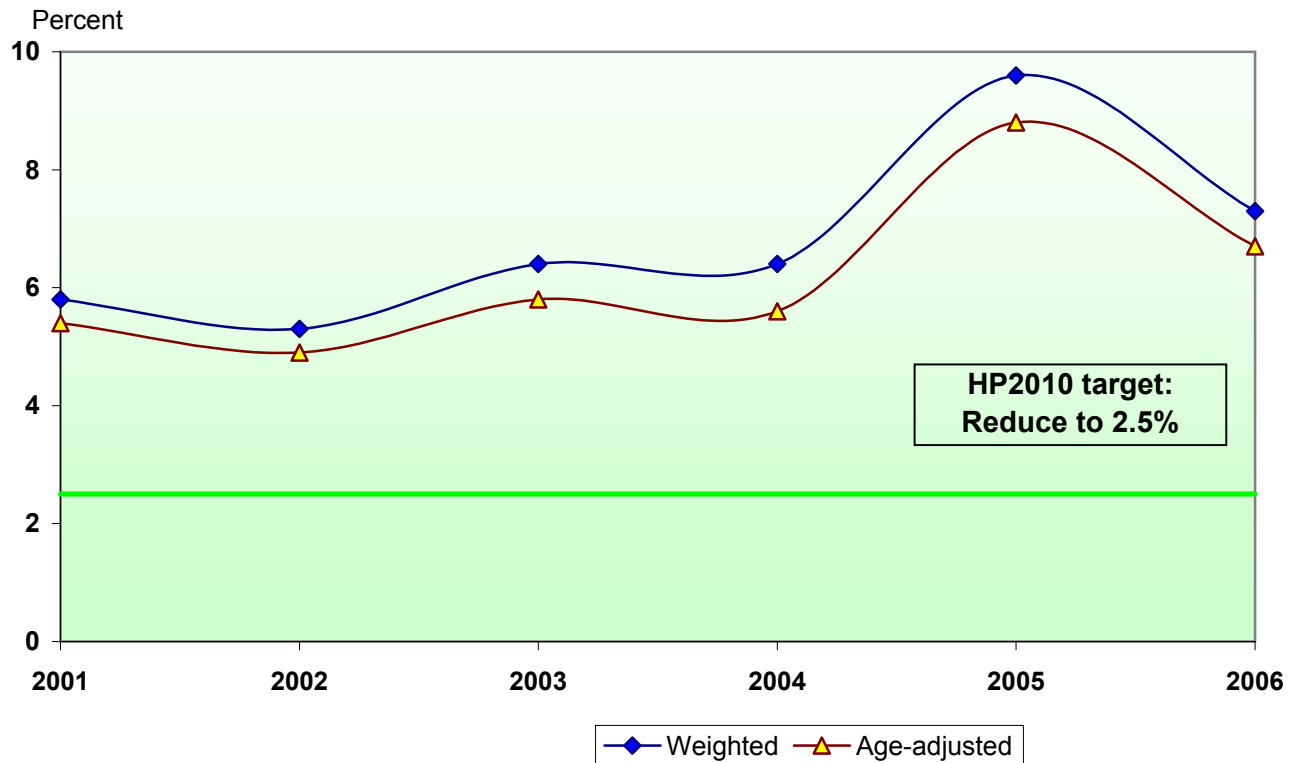


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1920	2812	2246	938	2969	3017
Have diabetes	111	180	173	63	206	274
Weight percentage	6.4	5.9	8.2	7.2	7.2	8.2
95% C.I.	(5.1 - 8.0)	(5.0 - 7.0)	(7.0 - 9.7)	(5.4 - 9.5)	(6.1 - 8.4)	(7.2 - 9.4)
Age-adjusted percentage	6.3	5.9	7.9	7.1	6.9	7.7
95% C.I.	(5.0 - 8.0)	(5.0 - 6.9)	(6.7 - 9.3)	(5.4 - 9.4)	(5.9 - 8.1)	(6.7 - 8.7)
GOAL (%)	2.5	2.5	2.5	2.5	2.5	2.5

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-3/ SUPPLEMENT 11

**Percent of adults who have diabetes
Hawaii county, Hawaii, 2001-2006**

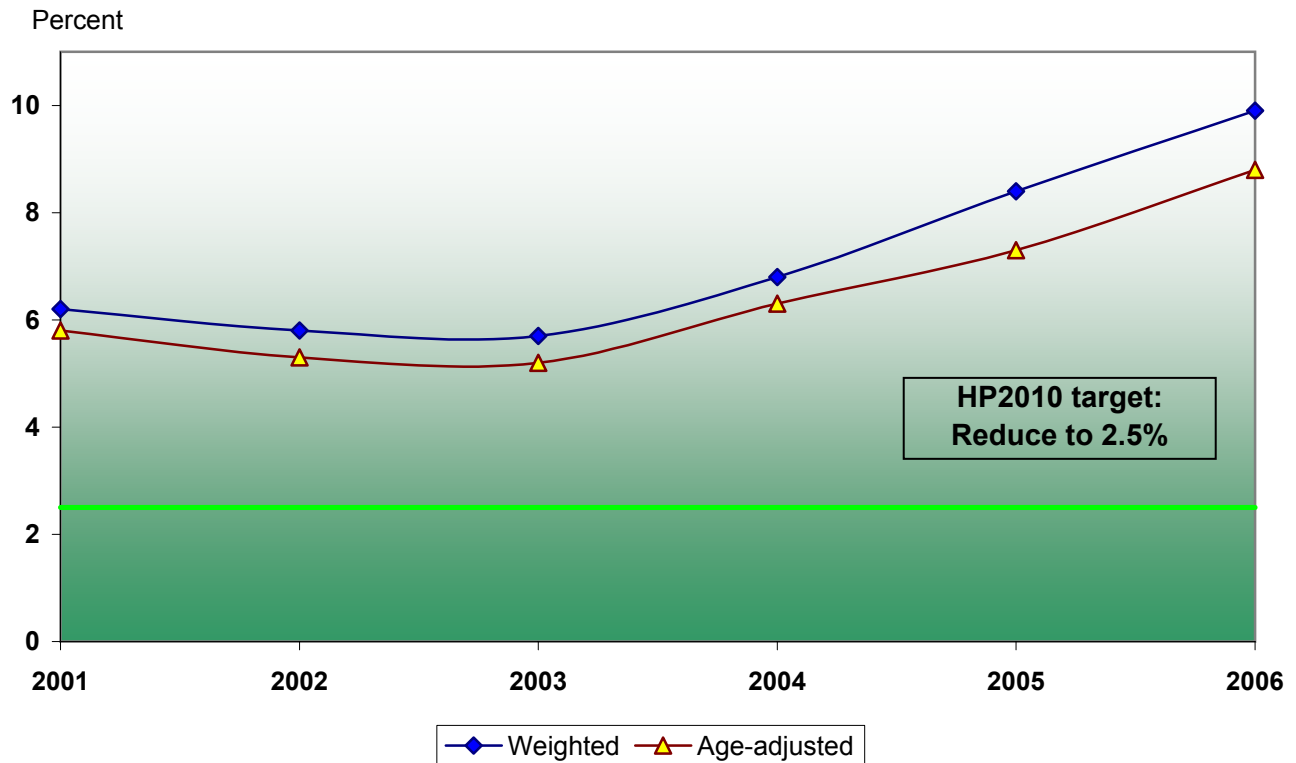


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1020	1379	972	564	1659	1394
Have diabetes	60	84	66	46	162	113
Weight percentage	5.8	5.3	6.4	6.4	9.6	7.3
95% C.I.	(4.4 - 7.6)	(4.2 - 6.8)	(4.9 - 8.4)	(4.6 - 8.7)	(8.0 - 11.4)	(6.0 - 8.9)
Age-adjusted percentage	5.4	4.9	5.8	5.6	8.8	6.7
95% C.I.	(4.1 - 7.0)	(3.8 - 6.3)	(4.5 - 7.5)	(4.1 - 7.6)	(7.4 - 10.6)	(5.5 - 8.1)
GOAL (%)	2.5	2.5	2.5	2.5	2.5	2.5

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-3/ SUPPLEMENT 12

**Percent of adults who have diabetes
Kauai county, Hawaii, 2001-2006**

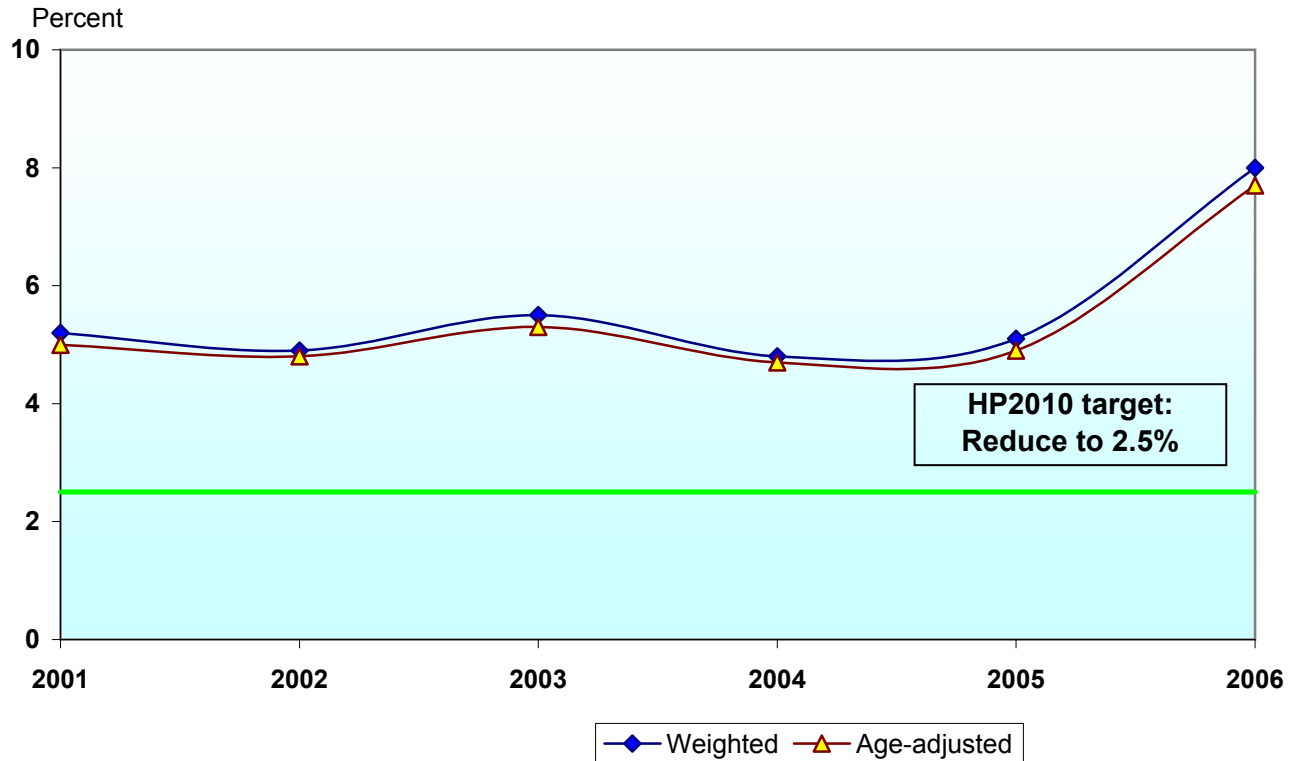


YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	601	421	289	589	665
Have diabetes	32	40	22	20	51	74
Weight percentage	6.2	5.8	5.7	6.8	8.4	9.9
95% C.I.	(4.1 - 9.2)	(4.1 - 8.3)	(3.5 - 8.9)	(4.2 - 10.8)	(6.1 - 11.5)	(7.6 - 12.8)
Age-adjusted percentage	5.8	5.3	5.2	6.3	7.3	8.8
95% C.I.	(3.9 - 8.6)	(3.7 - 7.5)	(3.2 - 8.4)	(3.8 - 10.2)	(5.4 - 9.8)	(6.8 - 11.3)
GOAL (%)	2.5	2.5	2.5	2.5	2.5	2.5

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-3/ SUPPLEMENT 13

**Percent of adults who have diabetes
Maui county, Hawaii, 2001-2006**

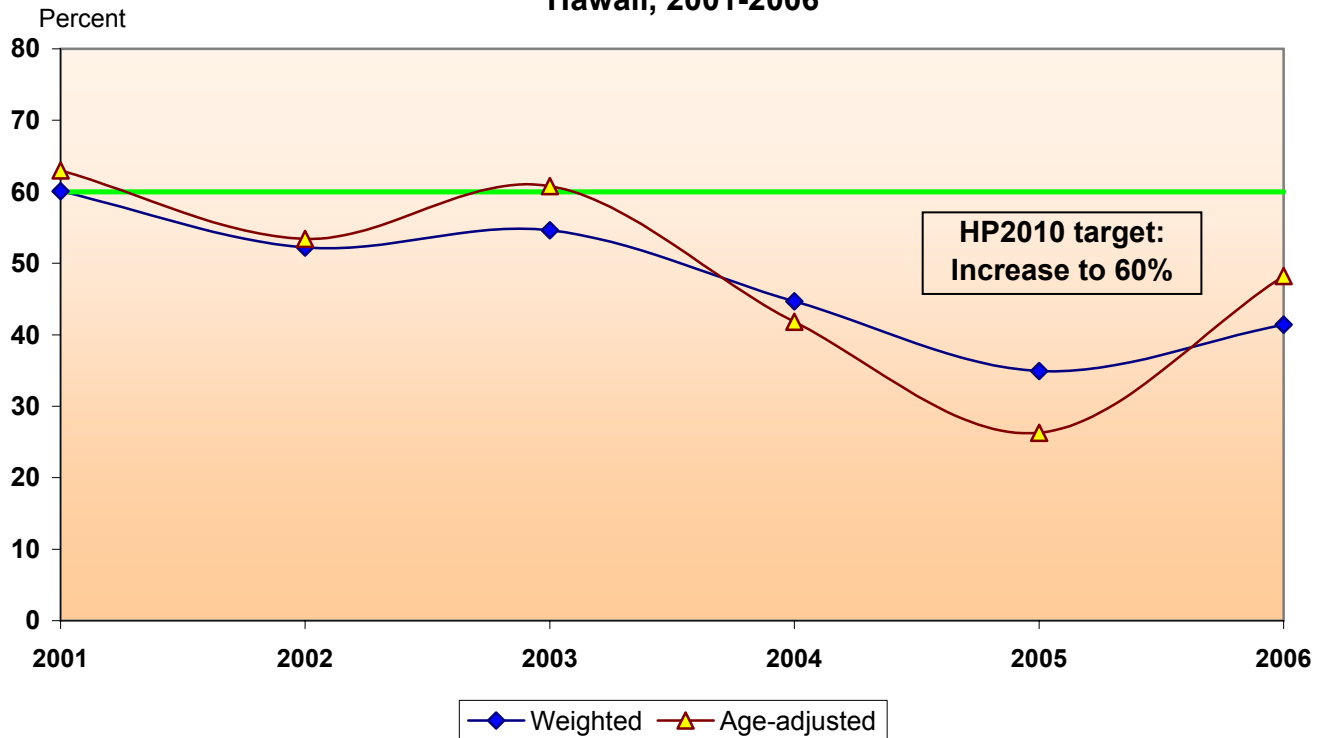


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1011	1208	700	411	1199	1488
Have diabetes	59	72	48	26	85	123
Weight percentage	5.2	4.9	5.5	4.8	5.1	8.0
95% C.I.	(3.8 - 6.9)	(3.7 - 6.5)	(4.0 - 7.5)	(2.8 - 8.1)	(3.9 - 6.7)	(6.4 - 9.9)
Age-adjusted percentage	5.0	4.8	5.3	4.7	4.9	7.7
95% C.I.	(3.8 - 6.7)	(3.7 - 6.4)	(3.9 - 7.2)	(2.8 - 7.7)	(3.7 - 6.4)	(6.2 - 9.5)
GOAL (%)	2.5	2.5	2.5	2.5	2.5	2.5

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-1

**Percent of adults with diabetes
who received formal diabetes education
Hawaii, 2001-2006**

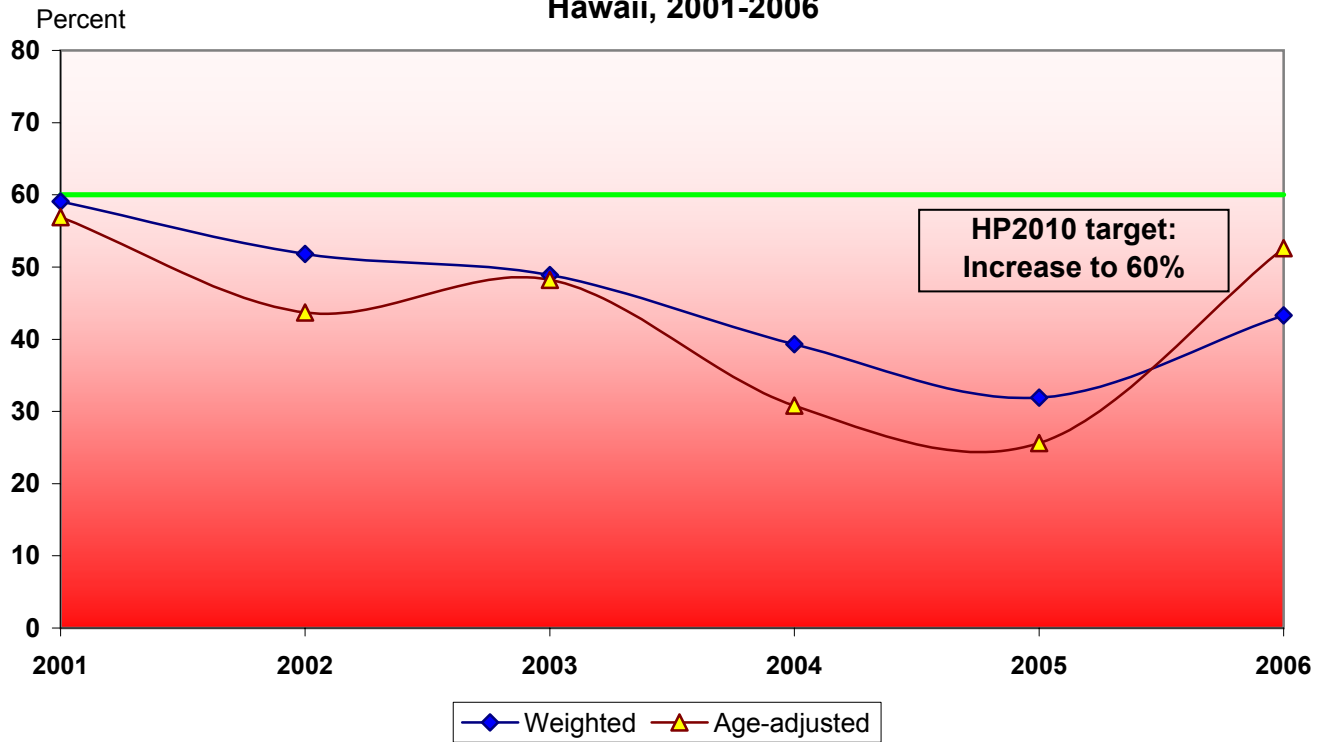


YEAR	2001	2002	2003	2004	2005	2006
Sample size	262	376	309	155	266	584
Diabetics who received formal diabetes education	135	192	173	65	112	262
Weight percentage	60.1	52.2	54.6	44.7	34.9	41.4
95% C.I.	(51.3 - 68.3)	(45.5 - 58.8)	(47.4 - 61.6)	(33.6 - 56.3)	(27.5 - 43.1)	(36.3 - 46.8)
Age-adjusted percentage	63.0	53.4	60.8	41.8	26.3	48.2
95% C.I.	(53.0 - 72.1)	(43.6 - 62.9)	(50.1 - 70.6)	(30.3 - 54.2)	(19.8 - 34.2)	(39.8 - 56.6)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-1/ SUPPLEMENT 1

**Percent of men with diabetes
who received formal diabetes education
Hawaii, 2001-2006**

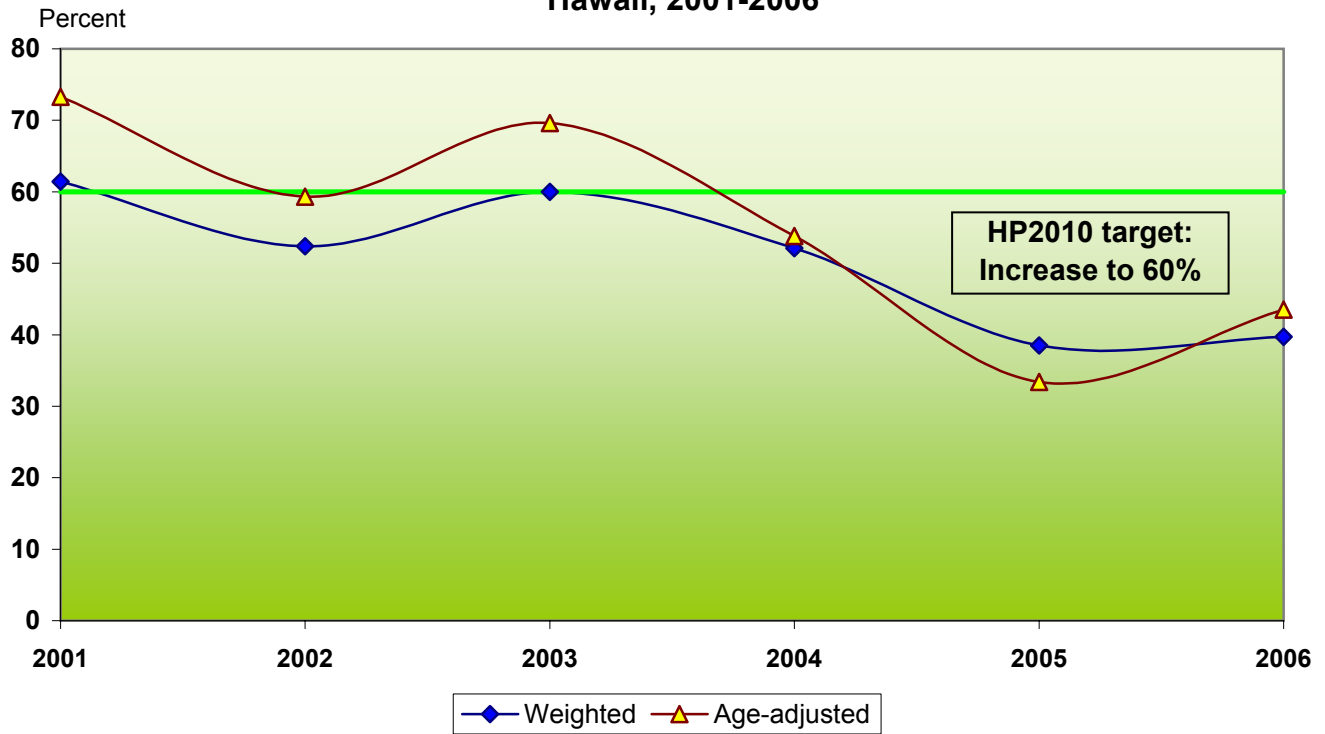


YEAR	2001	2002	2003	2004	2005	2006
Sample size	119	154	127	78	129	256
Diabetics who received formal diabetes education	56	76	63	33	54	115
Weight percentage	59.1	51.8	48.9	39.3	31.9	43.3
95% C.I.	(45.8 - 71.2)	(42.0 - 61.5)	(37.9 - 60.0)	(26.5 - 53.7)	(22.2 - 43.6)	(35.4 - 51.5)
Age-adjusted percentage	56.9	43.7	48.2	30.8	25.6	52.6
95% C.I.	(43.6 - 69.3)	(28.8 - 59.8)	(33.1 - 63.6)	(19.9 - 44.4)	(17.0 - 36.7)	(43.5 - 61.6)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-1/ SUPPLEMENT 2

**Percent of women with diabetes
who received formal diabetes education
Hawaii, 2001-2006**

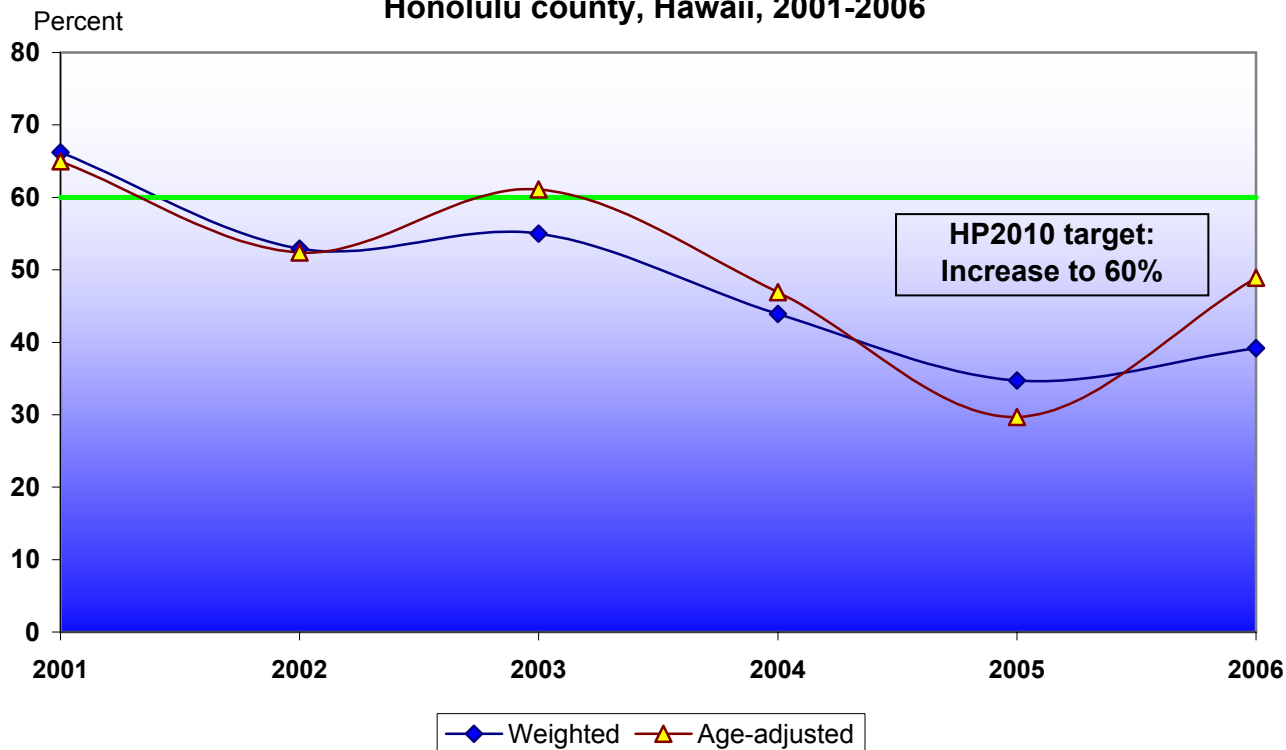


YEAR	2001	2002	2003	2004	2005	2006
Sample size	143	222	182	77	137	328
Diabetics who received formal diabetes education	79	116	110	32	58	147
Weight percentage	61.4	52.4	60	52.1	38.5	39.7
95% C.I.	(50.2 - 71.4)	(43.3 - 61.3)	(50.9 - 68.4)	(34.2 - 69.5)	(28.1 - 49.9)	(33.2 - 46.6)
Age-adjusted percentage	73.3	59.3	69.6	53.8	33.4	43.5
95% C.I.	(60.1 - 83.3)	(47.6 - 70.1)	(58.4 - 79.0)	(43.3 - 64.0)	(22.7 - 46.0)	(32.8 - 54.8)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-1/ SUPPLEMENT 3

**Percent of adults with diabetes
who received formal diabetes education
Honolulu county, Hawaii, 2001-2006**

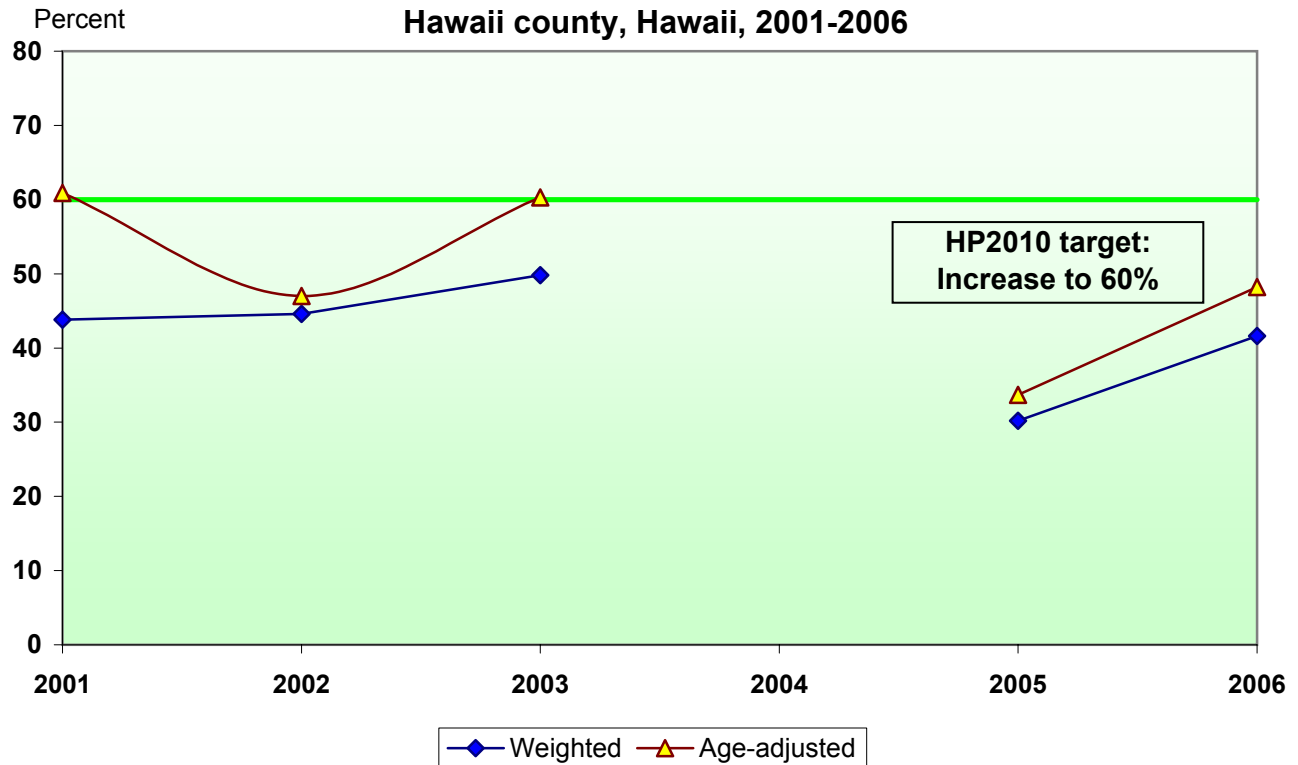


YEAR	2001	2002	2003	2004	2005	2006
Sample size	111	180	173	63	115	274
Diabetics who received formal diabetes education	69	93	97	28	48	113
Weight percentage	66.2	52.9	55	43.9	34.7	39.2
95% C.I.	(55.1 - 75.7)	(44.4 - 61.3)	(46.2 - 63.5)	(30.2 - 58.6)	(25.5 - 45.2)	(32.7 - 46.1)
Age-adjusted percentage	65.0	52.4	61.1	46.9	29.7	48.9
95% C.I.	(52.1 - 76.1)	(40.0 - 64.4)	(49.5 - 71.6)	(29.0 - 65.5)	(20.7 - 40.6)	(38.4 - 59.5)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-1/ SUPPLEMENT 4

**Percent of adults with diabetes
who received formal diabetes education
Hawaii county, Hawaii, 2001-2006**

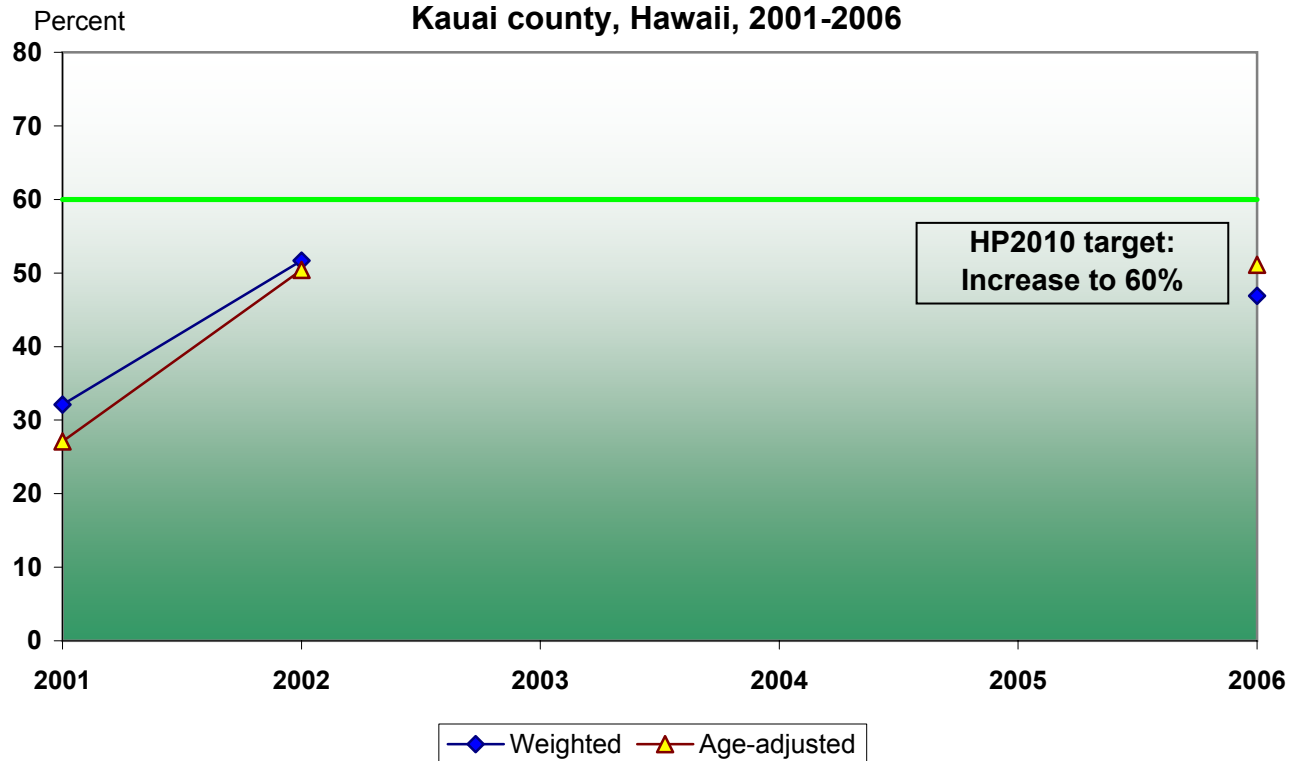


YEAR	2001	2002	2003	2004	2005	2006
Sample size	60	84	66	<i>less than 50</i>	84	113
Diabetics who received formal diabetes education	26	36	36		31	52
Weight percentage	43.8	44.6	49.8		30.2	41.6
95% C.I.	(30.8 - 57.7)	(32.8 - 57.2)	(36.7 - 63.0)		(20.4 - 42.3)	(32.0 - 51.8)
Age-adjusted percentage	60.9	47.0	60.3		33.7	48.2
95% C.I.	(44.8 - 75.0)	(33.8 - 60.6)	(47.7 - 71.6)		(24.0 - 44.9)	(35.6 - 60.9)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-1/ SUPPLEMENT 5

**Percent of adults with diabetes
who received formal diabetes education
Kauai county, Hawaii, 2001-2006**

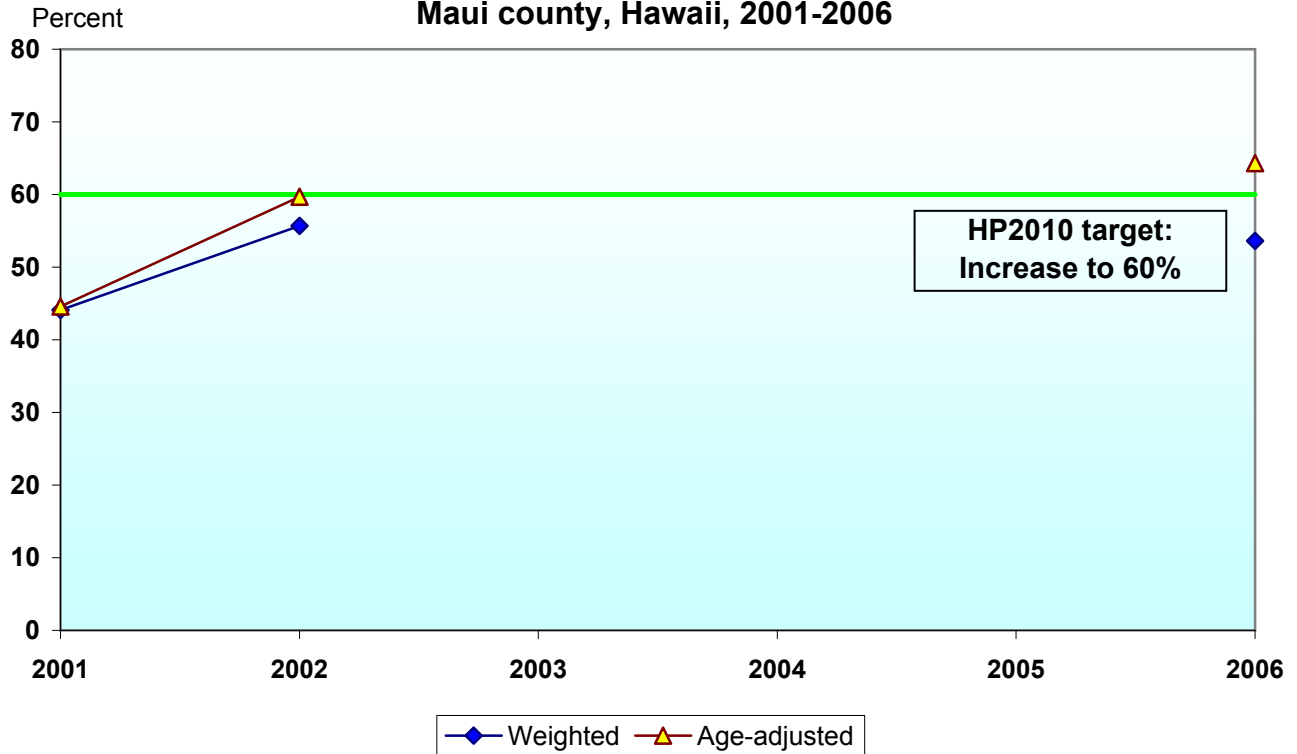


YEAR	2001	2002	2003	2004	2005	2006
Sample size	32	40	<i>less than 50</i>			74
Diabetics who received formal diabetes education	13	21				34
Weight percentage	32.1	51.7				46.9
95% C.I.	(17.4 - 51.5)	(34.0 - 68.9)				(33.8 - 60.5)
Age-adjusted percentage	27.1	50.4				51.1
95% C.I.	(16.6 - 41.0)	(34.4 - 66.3)				(32.5 - 69.4)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-1/ SUPPLEMENT 6

**Percent of adults with diabetes
who received formal diabetes education
Maui county, Hawaii, 2001-2006**

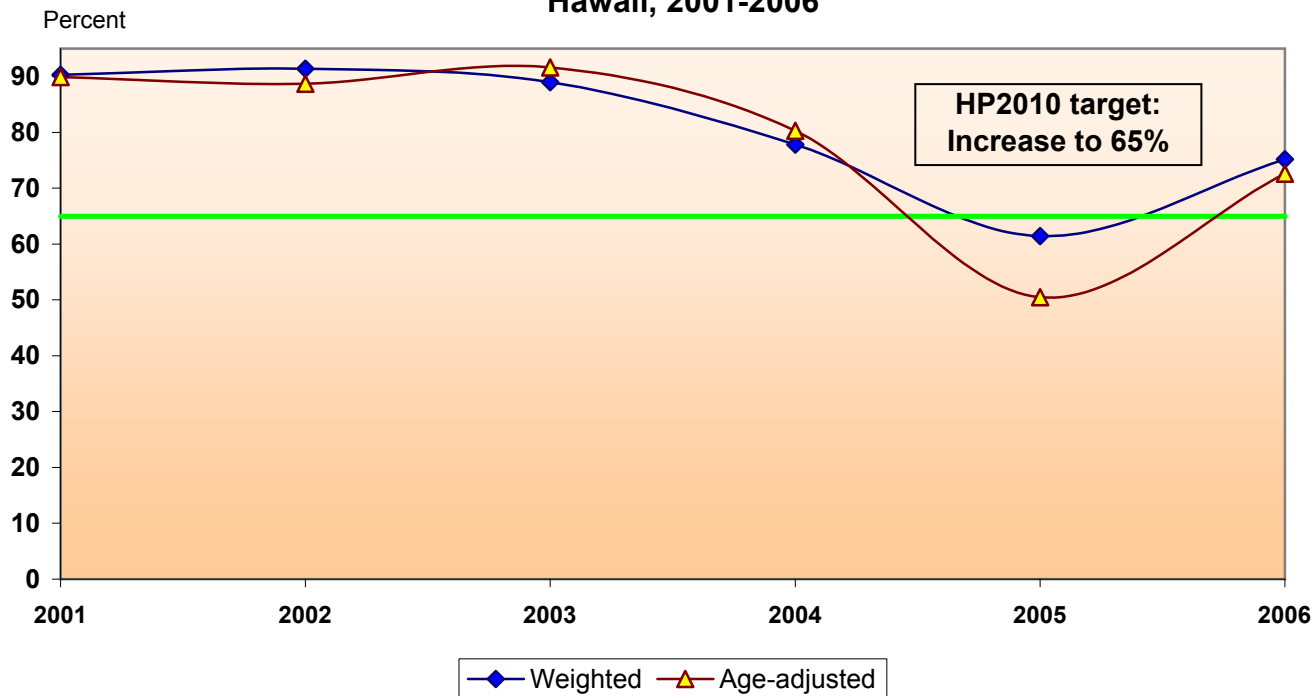


YEAR	2001	2002	2003	2004	2005	2006
Sample size	59	72	<i>less than 50</i>			123
Diabetics who received formal diabetes education	27	42				63
Weight percentage	44.1	55.7				53.6
95% C.I.	(30.3 - 59.0)	(41.4 - 69.1)				(42.3 - 64.5)
Age-adjusted percentage	44.6	59.7				64.3
95% C.I.	(36.3 - 53.1)	(42.2 - 75.0)				(53.0 - 74.2)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-12

**Percent of adults with diabetes
who had glycosylated hemoglobin measurement
at least once last year
Hawaii, 2001-2006**

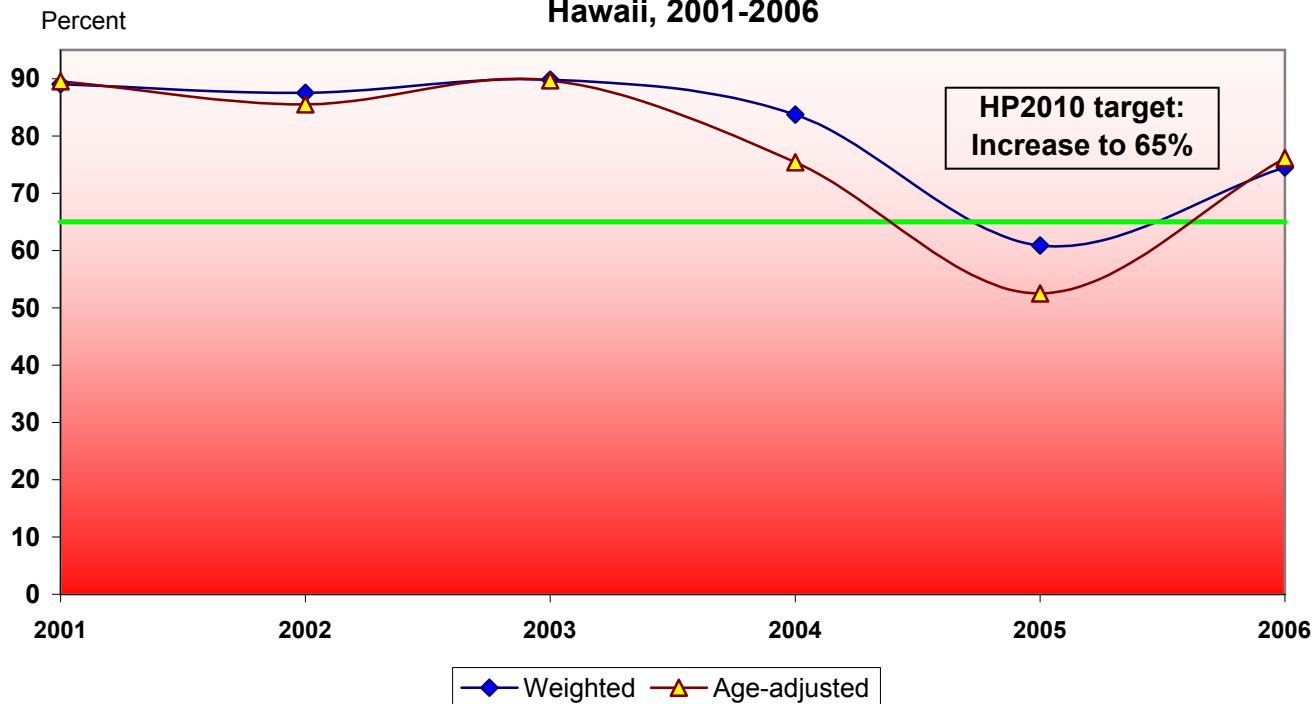


YEAR	2001	2002	2003	2004	2005	2006
Sample size	262	376	309	155	266	584
Had glycosylated hemoglobin measurement	239	337	264	113	177	445
Weight percentage	90.3	91.4	89.0	77.8	61.4	75.2
95% C.I.	(83.9 - 94.4)	(87.7 - 94.1)	(84.4 - 92.4)	(67.9 - 85.4)	(52.1 - 69.9)	(69.9 - 79.9)
Age-adjusted percentage	89.9	88.7	91.6	80.3	50.5	72.6
95% C.I.	(81.5 - 94.7)	(80.8 - 93.6)	(85.4 - 95.3)	(68.9 - 88.2)	(40.3 - 60.6)	(62.8 - 80.7)
GOAL (%)	65	65	65	65	65	65

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-12/ SUPPLEMENT 1

**Percent of men with diabetes
who had glycosylated hemoglobin measurement
at least once last year
Hawaii, 2001-2006**

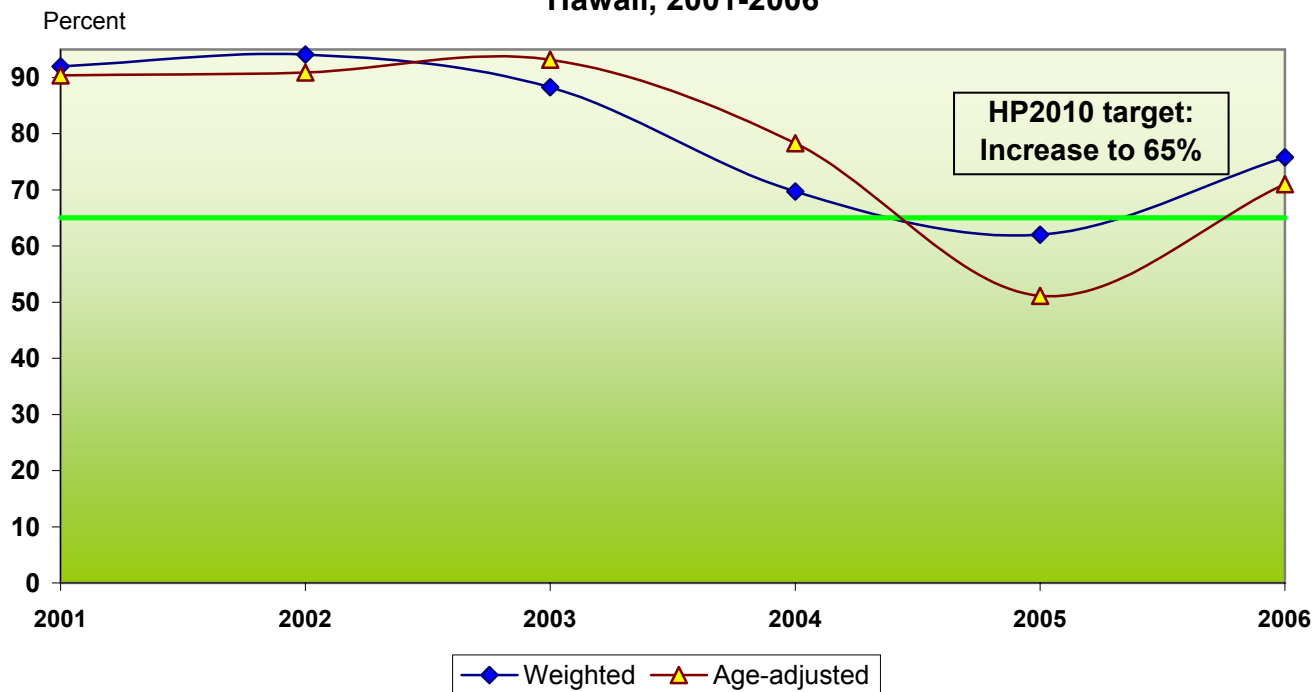


YEAR	2001	2002	2003	2004	2005	2006
Sample size	119	154	127	78	129	256
Had glycosylated hemoglobin measurement	109	133	108	62	90	194
Weight percentage	89.0	87.5	89.8	83.7	60.9	74.5
95% C.I.	(78.0 - 94.8)	(79.9 - 92.5)	(83.3 - 93.9)	(71.6 - 91.3)	(46.7 - 73.5)	(66.0 - 81.5)
Age-adjusted percentage	89.5	85.5	89.7	75.4	52.5	76.1
95% C.I.	(77.6 - 95.4)	(75.5 - 91.9)	(78.3 - 95.5)	(59.5 - 86.5)	(41.3 - 63.5)	(65.1 - 84.5)
GOAL (%)	65	65	65	65	65	65

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-12/ SUPPLEMENT 2

**Percent of women with diabetes
who had glycosylated hemoglobin measurement
at least once last year
Hawaii, 2001-2006**

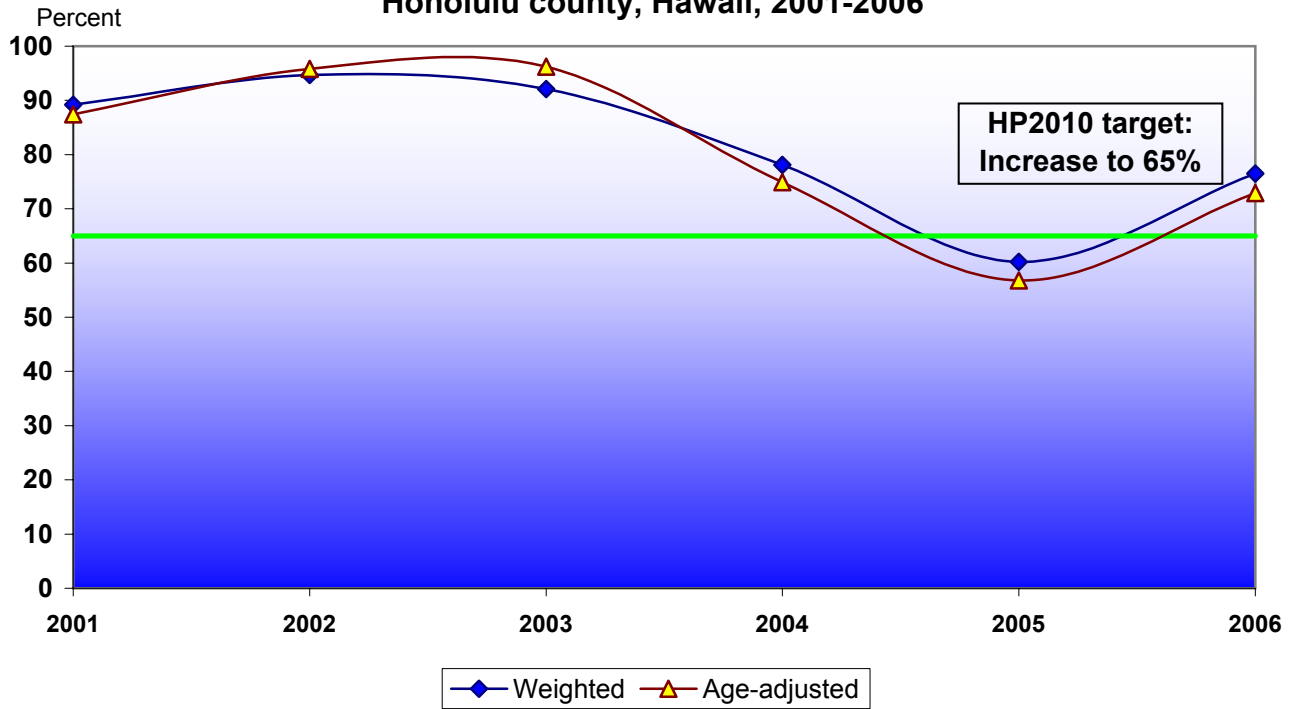


YEAR	2001	2002	2003	2004	2005	2006
Sample size	143	222	182	77	137	328
Had glycosylated hemoglobin measurement	130	204	156	51	87	251
Weight percentage	92.0	94.1	88.3	69.7	62.0	75.8
95% C.I.	(84.4 - 96.1)	(90.2 - 96.5)	(81.1 - 92.9)	(52.1 - 83.0)	(50.7 - 72.1)	(68.9 - 81.6)
Age-adjusted percentage	90.4	90.9	93.2	78.3	51.1	71
95% C.I.	(76.5 - 96.4)	(79.8 - 96.2)	(88.2 - 96.1)	(67.4 - 86.2)	(37.2 - 64.8)	(58.6 - 80.9)
GOAL (%)	65	65	65	65	65	65

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-12/ SUPPLEMENT 3

**Percent of adults with diabetes
who had glycosylated hemoglobin measurement
at least once last year
Honolulu county, Hawaii, 2001-2006**

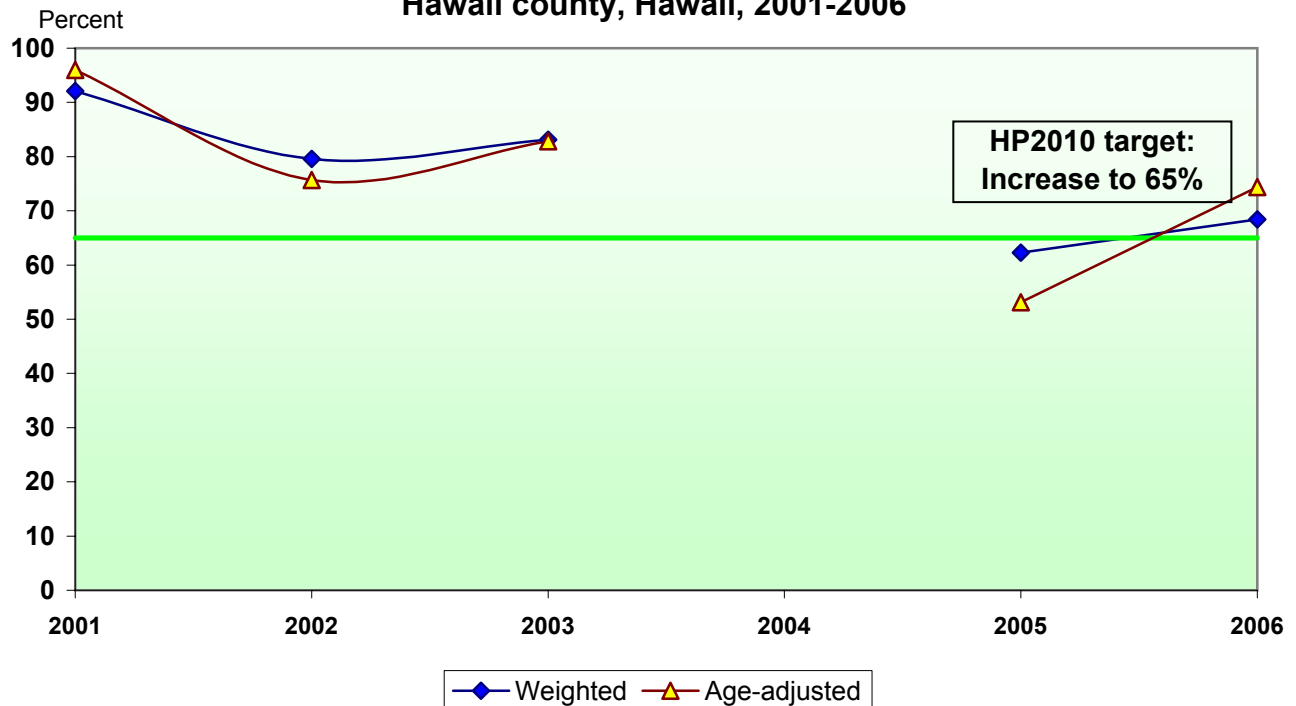


YEAR	2001	2002	2003	2004	2005	2006
Sample size	111	180	173	63	115	274
Had glycosylated hemoglobin measurement	100	168	158	48	72	216
Weight percentage	89.2	94.7	92.1	78.1	60.2	76.5
95% C.I.	(80.5 - 94.2)	(90.3 - 97.1)	(86.4 - 95.5)	(65.1 - 87.3)	(48.3 - 70.9)	(69.4 - 82.4)
Age-adjusted percentage	87.4	95.8	96.2	74.9	56.8	72.9
95% C.I.	(76.3 - 93.7)	(91.2 - 98.0)	(93.5 - 97.8)	(55.8 - 87.6)	(42.3 - 70.2)	(60.5 - 82.5)
GOAL (%)	65	65	65	65	65	65

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-12/ SUPPLEMENT 4

**Percent of adults with diabetes
who had glycosylated hemoglobin measurement
at least once last year
Hawaii county, Hawaii, 2001-2006**

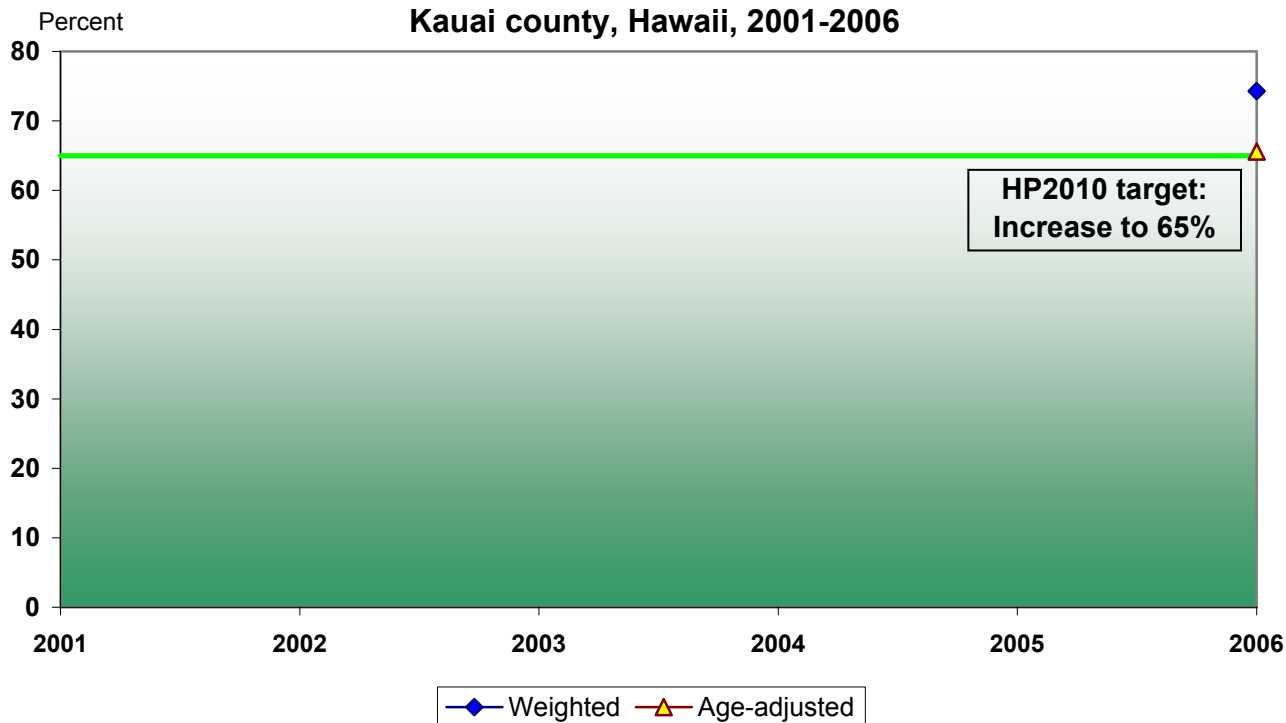


YEAR	2001	2002	2003	2004	2005	2006
Sample size	60	84	66	<i>less than 50</i>	84	113
Had glycosylated hemoglobin measurement	54	72	55		53	79
Weight percentage	92.1	79.6	83.1		62.3	68.4
95% C.I.	(82.1 - 96.8)	(65.1 - 89.1)	(70.7 - 90.9)		(49.3 - 73.8)	(58.1 - 77.2)
Age-adjusted percentage	96	75.7	82.8		53.1	74.4
95% C.I.	(91.0 - 98.2)	(62.1 - 85.5)	(68.9 - 91.3)		(40.4 - 65.4)	(59.6 - 85.1)
GOAL (%)	65	65	65	65	65	65

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-12/ SUPPLEMENT 5

**Percent of adults with diabetes
who had glycosylated hemoglobin measurement
at least once last year
Kauai county, Hawaii, 2001-2006**

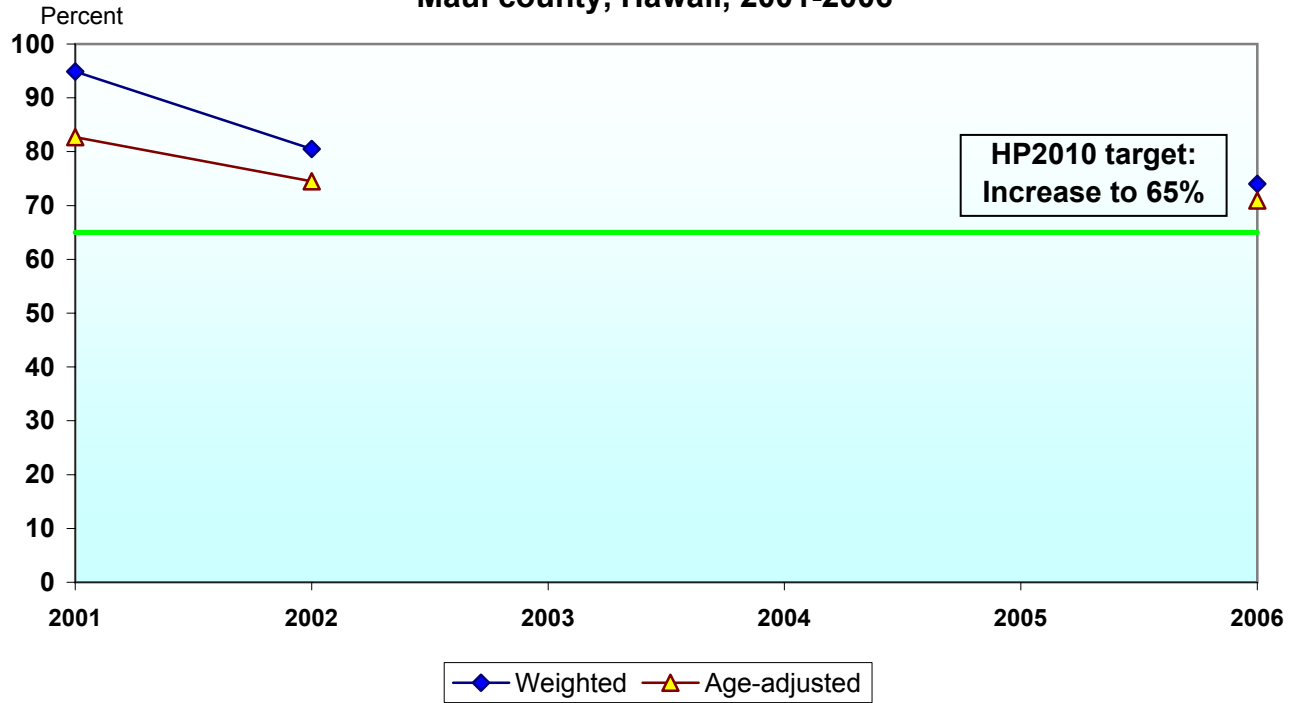


YEAR	2001	2002	2003	2004	2005	2006
Sample size	<i>less than 50</i>					74
Had glycosylated hemoglobin measurement						55
Weight percentage						74.3
95% C.I.						(61.7 - 83.9)
Age-adjusted percentage						65.6
95% C.I.						(56.4 - 73.7)
GOAL (%)	65	65	65	65	65	65

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-12/ SUPPLEMENT 6

**Percent of adults with diabetes who had glycosylated hemoglobin measurement at least once last year
Maui county, Hawaii, 2001-2006**

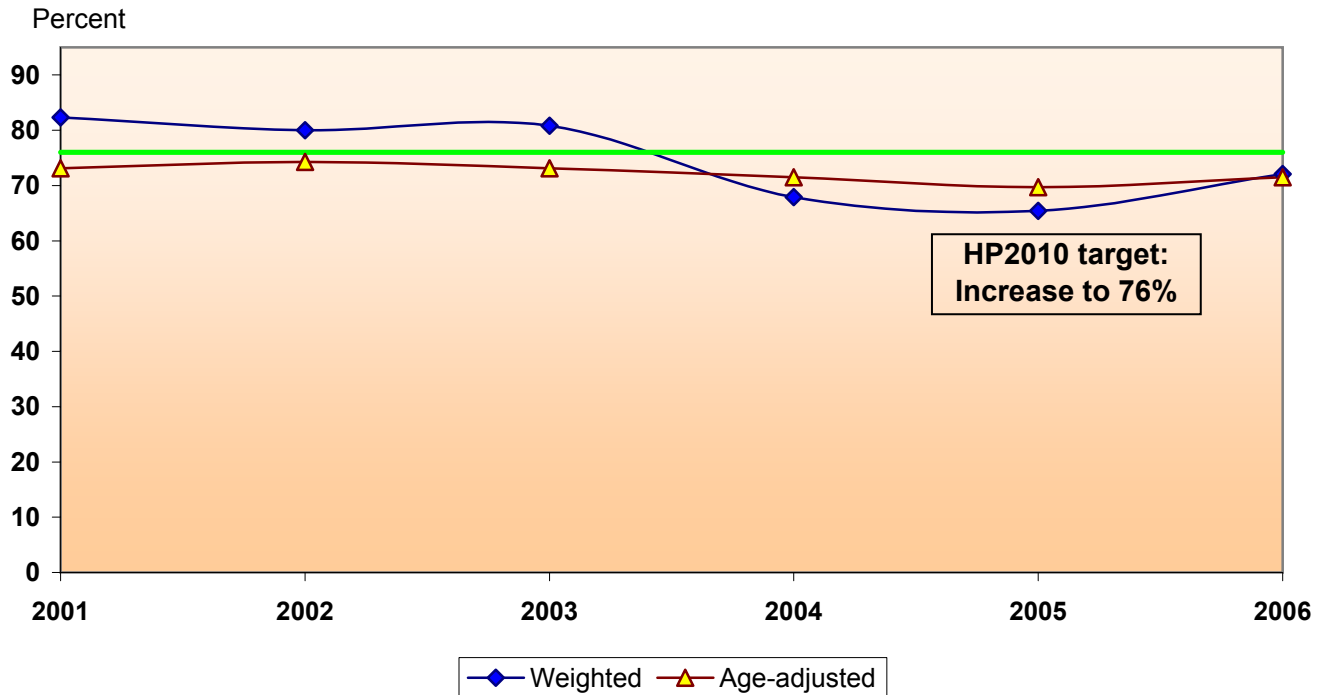


YEAR	2001	2002	2003	2004	2005	2006
Sample size	59	72	<i>less than 50</i>			123
Had glycosylated hemoglobin measurement	54	61				95
Weight percentage	94.9	80.5				74.0
95% C.I.	(86.6 - 98.1)	(65.9 - 89.8)				(62.1 - 83.2)
Age-adjusted percentage	82.7	74.5				70.9
95% C.I.	(60.3 - 93.8)	(53.9 - 87.9)				(54.3 - 83.3)
GOAL (%)	65	65	65	65	65	65

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-13

Percent of adults with diabetes who had a dilated eye examination last year Hawaii, 2001-2006

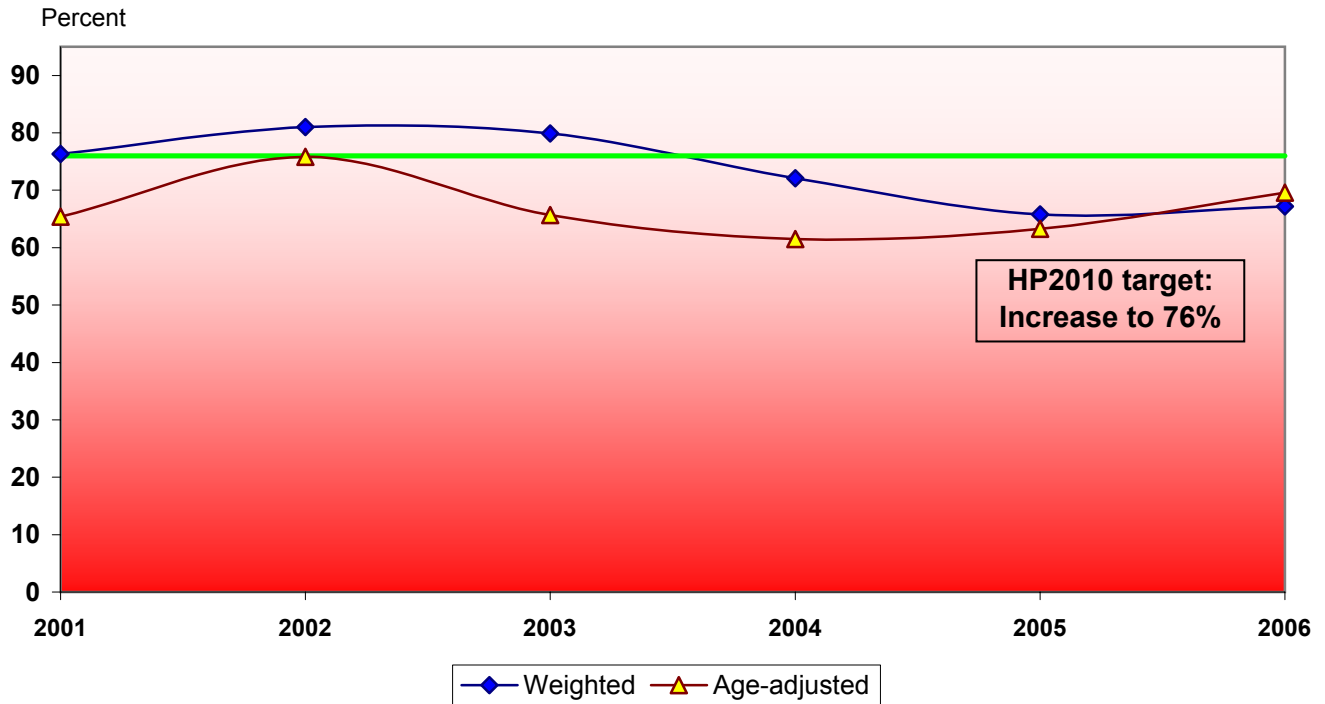


YEAR	2001	2002	2003	2004	2005	2006
Sample size	262	376	309	155	266	584
Had a dilated eye examination	216	300	250	106	182	431
Weight percentage	82.3	80	80.8	67.9	65.4	72.1
95% C.I.	(75.0 - 87.8)	(73.2 - 85.3)	(74.4 - 85.9)	(56.1 - 77.8)	(55.9 - 73.9)	(66.6 - 77.0)
Age-adjusted percentage	73.1	74.3	73.1	71.5	69.7	71.5
95% C.I.	(63.1 - 81.2)	(64.4 - 82.2)	(62.1 - 81.8)	(57.9 - 82.0)	(58.5 - 79.0)	(62.3 - 79.2)
GOAL (%)	76	76	76	76	76	76

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-13/ SUPPLEMENT 1

**Percent of men with diabetes
who had a dilated eye examination last year
Hawaii, 2001-2006**

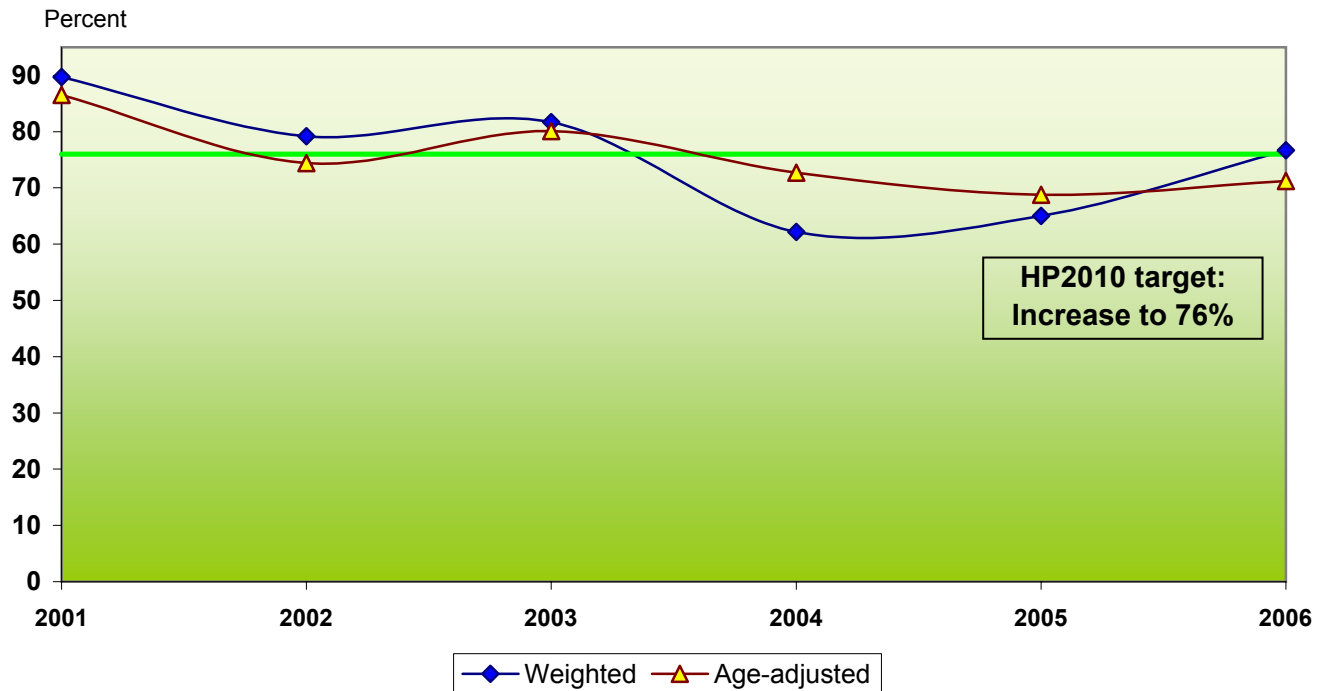


YEAR	2001	2002	2003	2004	2005	2006
Sample size	119	154	127	78	129	256
Had a dilated eye examination	92	121	102	56	94	179
Weight percentage	76.3	81	79.9	72.1	65.8	67.2
95% C.I.	(64.1 - 85.2)	(72.3 - 87.4)	(68.9 - 87.7)	(56.4 - 83.7)	(50.9 - 78.1)	(58.4 - 74.9)
Age-adjusted percentage	65.4	75.8	65.7	61.5	63.3	69.6
95% C.I.	(53.5 - 75.7)	(66.8 - 83.0)	(51.6 - 77.4)	(42.8 - 77.3)	(44.5 - 78.7)	(56.2 - 80.3)
GOAL (%)	76	76	76	76	76	76

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-13/ SUPPLEMENT 2

**Percent of women with diabetes
who had a dilated eye examination last year
Hawaii, 2001-2006**

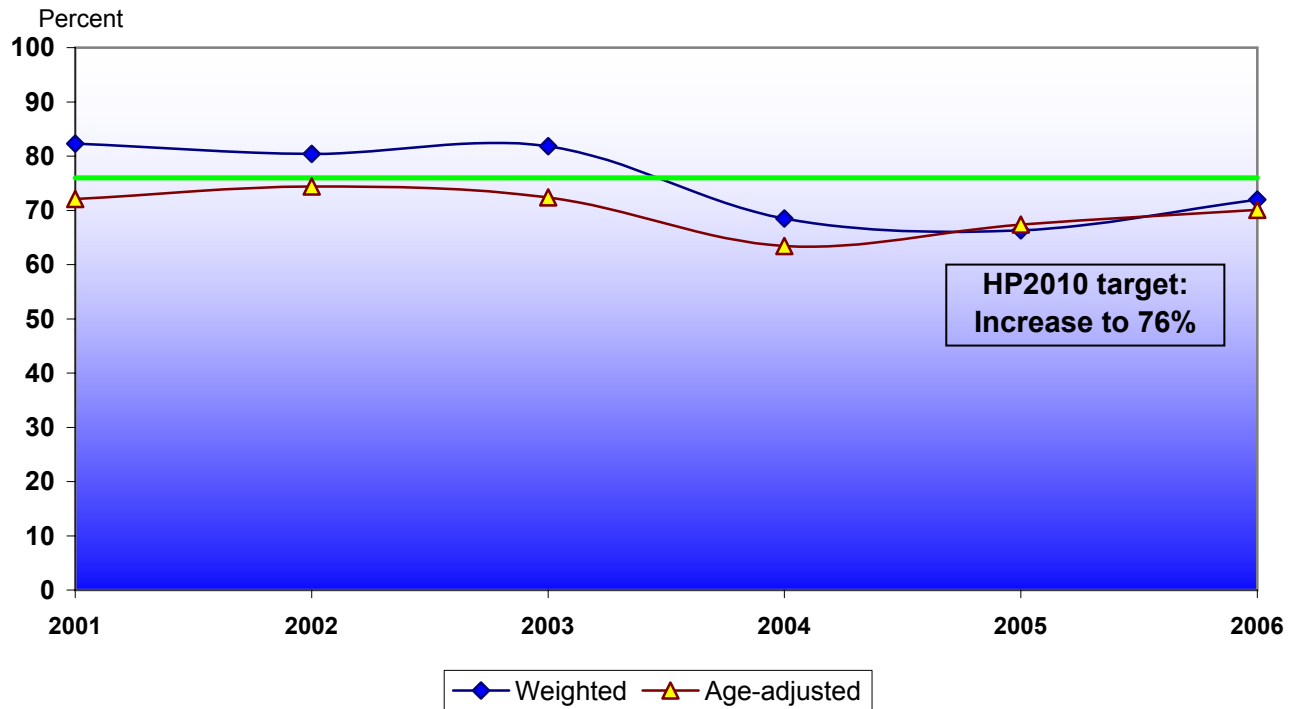


YEAR	2001	2002	2003	2004	2005	2006
Sample size	143	222	182	77	137	328
Had a dilated eye examination	124	179	148	50	88	252
Weight percentage	89.7	79.2	81.7	62.2	65	76.7
95% C.I.	(82.5 - 94.2)	(69.1 - 86.7)	(73.8 - 87.6)	(43.4 - 77.9)	(53.3 - 75.0)	(69.9 - 82.3)
Age-adjusted percentage	86.5	74.4	80.1	72.7	68.8	71.2
95% C.I.	(75.0 - 93.2)	(61.5 - 84.0)	(66.4 - 89.1)	(56.7 - 84.5)	(54.6 - 80.2)	(60.0 - 80.2)
GOAL (%)	76	76	76	76	76	76

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-13/ SUPPLEMENT 3

**Percent of adults with diabetes
who had a dilated eye examination last year
Honolulu county, Hawaii, 2001-2006**

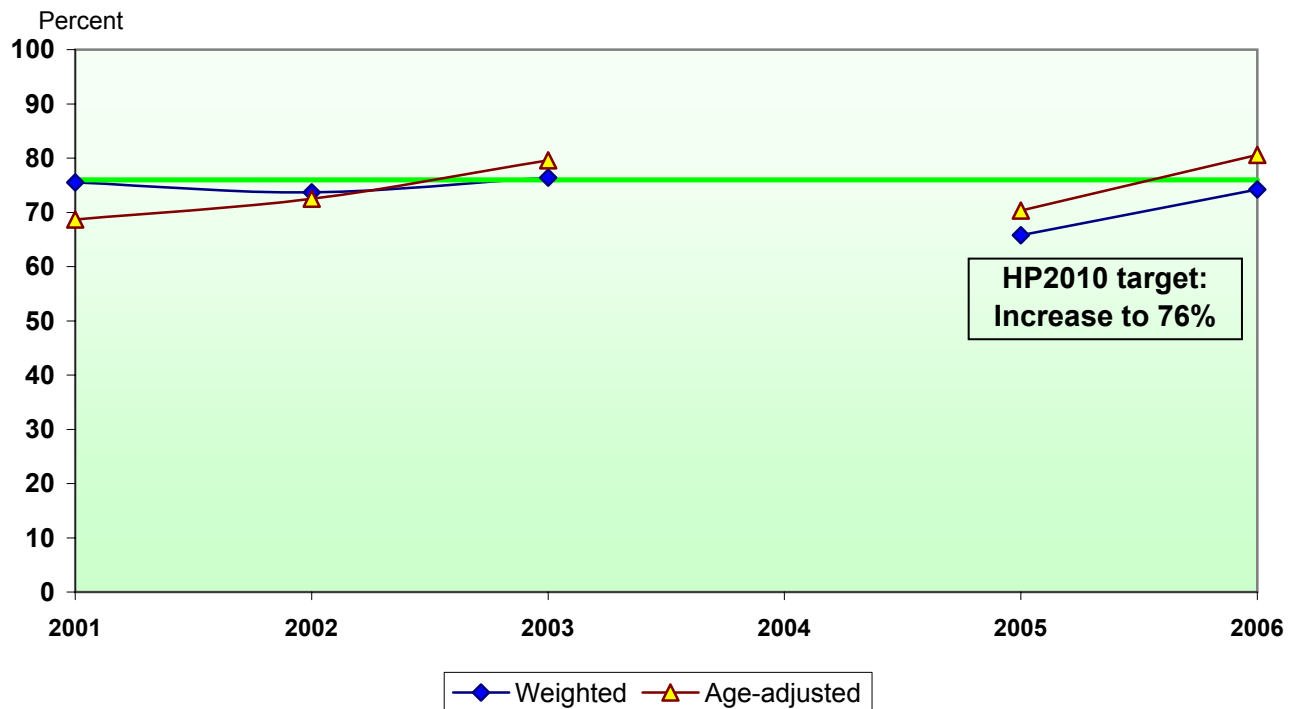


YEAR	2001	2002	2003	2004	2005	2006
Sample size	111	180	173	63	115	274
Had a dilated eye examination	90	148	145	46	86	205
Weight percentage	82.3	80.4	81.8	68.5	66.3	72
95% C.I.	(72.7 - 89.1)	(71.5 - 87.0)	(73.7 - 87.9)	(53.3 - 80.6)	(53.9 - 76.8)	(64.7 - 78.3)
Age-adjusted percentage	72.1	74.4	72.4	63.4	67.4	70.1
95% C.I.	(59.2 - 82.2)	(61.6 - 84.0)	(59.0 - 82.7)	(43.1 - 79.8)	(51.8 - 79.9)	(55.6 - 81.5)
GOAL (%)	76	76	76	76	76	76

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-13/ SUPPLEMENT 4

**Percent of adults with diabetes
who had a dilated eye examination last year
Hawaii county, Hawaii, 2001-2006**

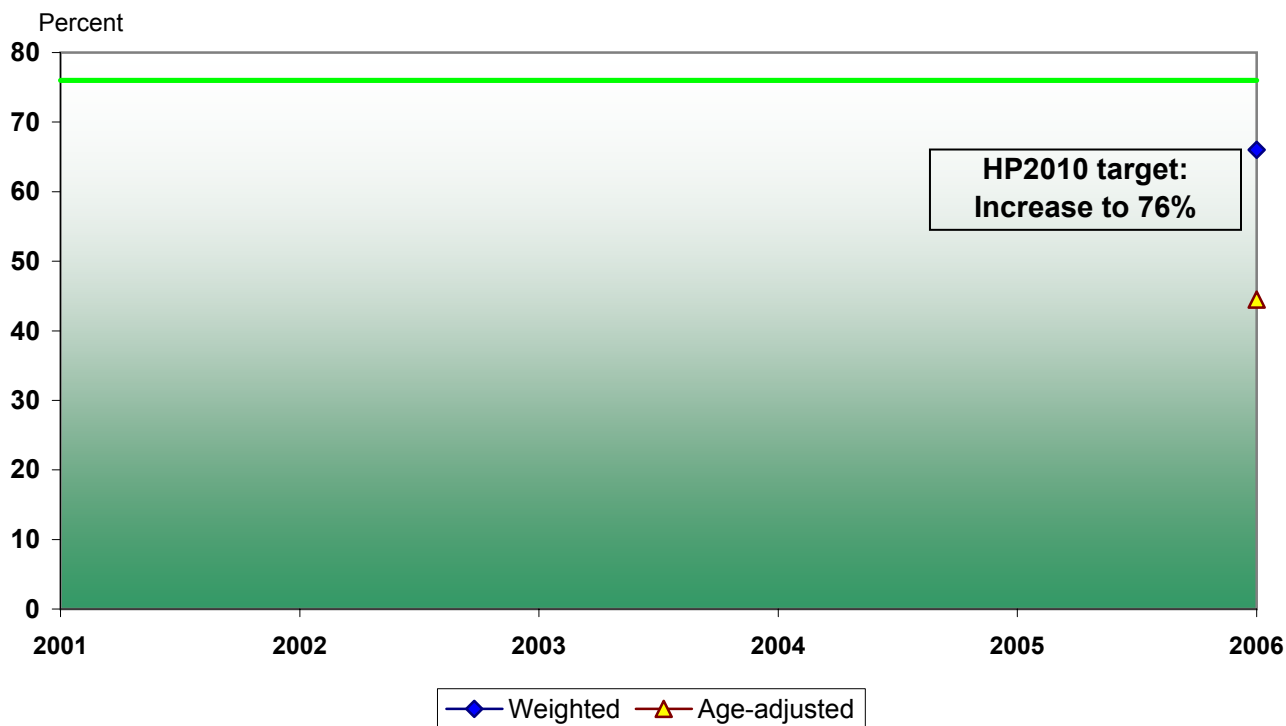


YEAR	2001	2002	2003	2004	2005	2006
Sample size	60	84	66	<i>less than 50</i>	84	113
Had a dilated eye examination	46	62	50		54	84
Weight percentage	75.5	73.7	76.4		65.8	74.2
95% C.I.	(61.3 - 85.7)	(60.6 - 83.6)	(63.4 - 85.8)		(53.4 - 76.4)	(64.5 - 82.0)
Age-adjusted percentage	68.7	72.5	79.6		70.3	80.6
95% C.I.	(47.4 - 84.2)	(57.1 - 83.9)	(66.0 - 88.7)		(55.9 - 81.6)	(68.5 - 88.8)
GOAL (%)	76	76	76	76	76	76

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-13/ SUPPLEMENT 5

**Percent of adults with diabetes
who had a dilated eye examination last year
Kauai county, Hawaii, 2001-2006**

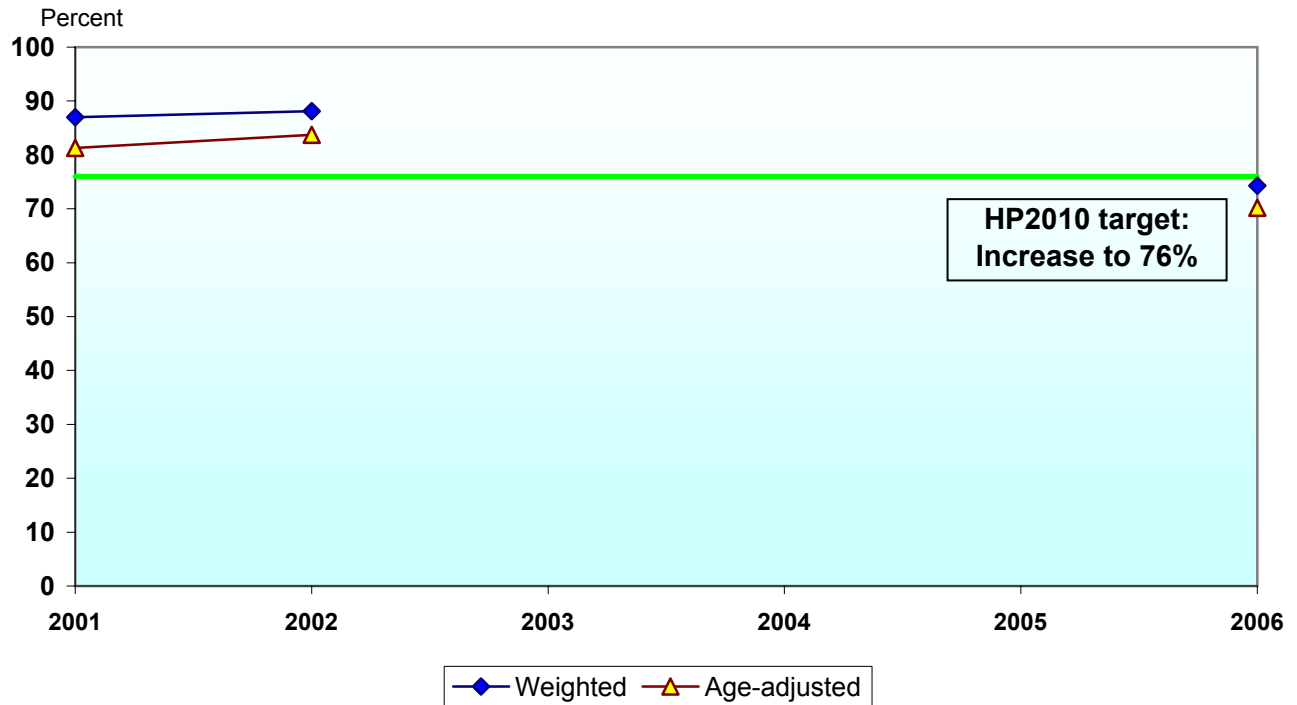


YEAR	2001	2002	2003	2004	2005	2006
Sample size	<i>less than 50</i>					74
Had a dilated eye examination						51
Weight percentage						66.0
95% C.I.						(52.1 - 77.5)
Age-adjusted percentage						44.5
95% C.I.						(30.0 - 60.1)
GOAL (%)	76	76	76	76	76	76

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-13/ SUPPLEMENT 6

**Percent of adults with diabetes
who had a dilated eye examination last year
Maui county, Hawaii, 2001-2006**

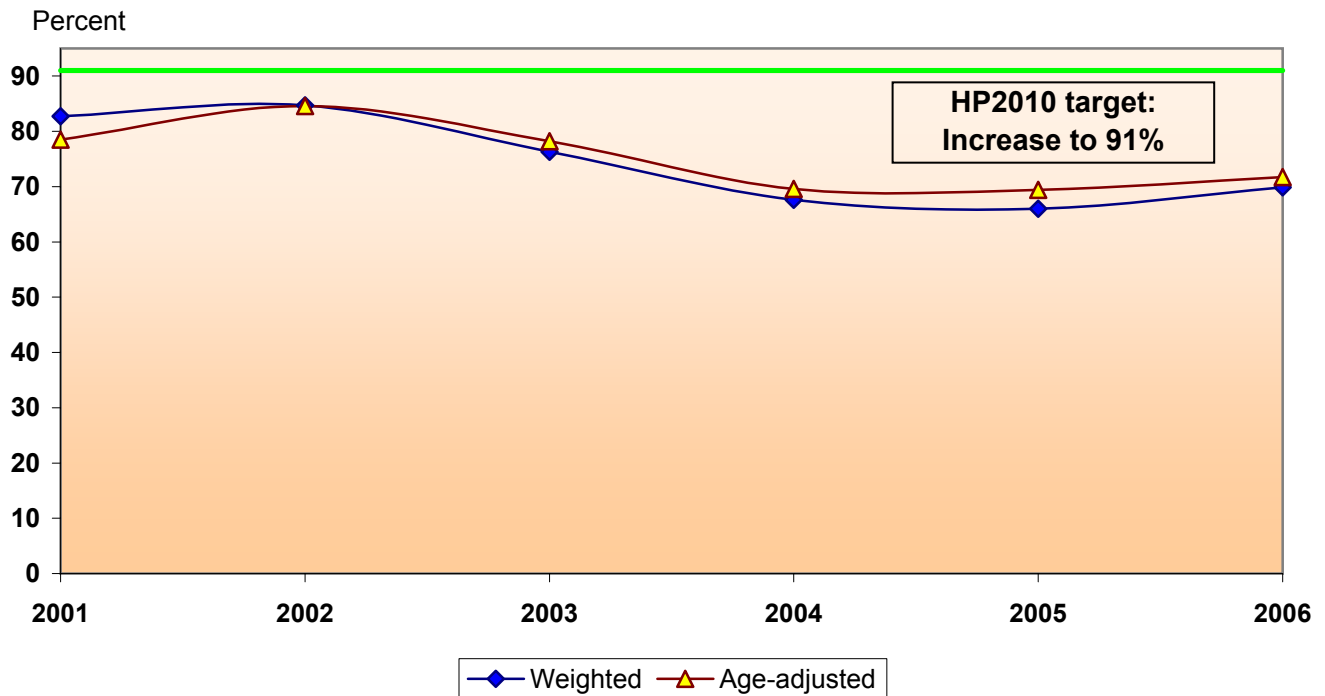


YEAR	2001	2002	2003	2004	2005	2006
Sample size	59	72	<i>less than 50</i>			123
Had a dilated eye examination	53	60				91
Weight percentage	87	88.1				74.3
95% C.I.	(70.2 - 95.0)	(76.8 - 94.3)				(62.7 - 83.2)
Age-adjusted percentage	81.3	83.7				70.2
95% C.I.	(57.9 - 93.3)	(65.1 - 93.4)				(53.7 - 82.7)
GOAL (%)	76	76	76	76	76	76

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-14

**Percent of adults with diabetes
who had a foot examination at least once last year
Hawaii, 2001-2006**

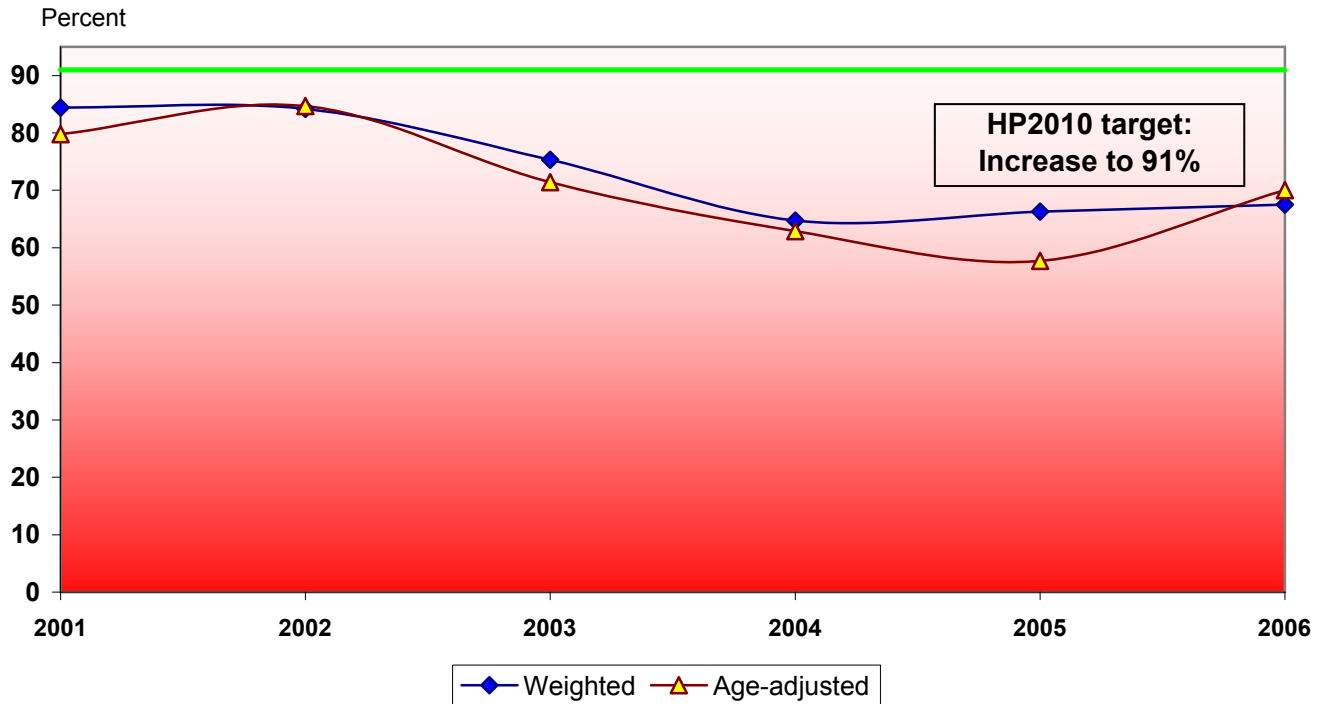


YEAR	2001	2002	2003	2004	2005	2006
Sample size	262	376	309	155	266	584
Had a foot examination	213	314	226	103	177	401
Weight percentage	82.7	84.7	76.3	67.6	66.0	69.9
95% C.I.	(75.5 - 88.0)	(79.8 - 88.6)	(69.9 - 81.7)	(56.4 - 77.1)	(56.6 - 74.3)	(64.6 - 74.7)
Age-adjusted percentage	78.5	84.6	78.2	69.6	69.4	71.7
95% C.I.	(68.4 - 86.1)	(77.2 - 89.9)	(69.9 - 84.7)	(60.1 - 77.7)	(58.2 - 78.8)	(64.5 - 77.9)
GOAL (%)	91	91	91	91	91	91

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-14/ SUPPLEMENT 1

**Percent of men with diabetes
who had a foot examination at least once last year
Hawaii, 2001-2006**

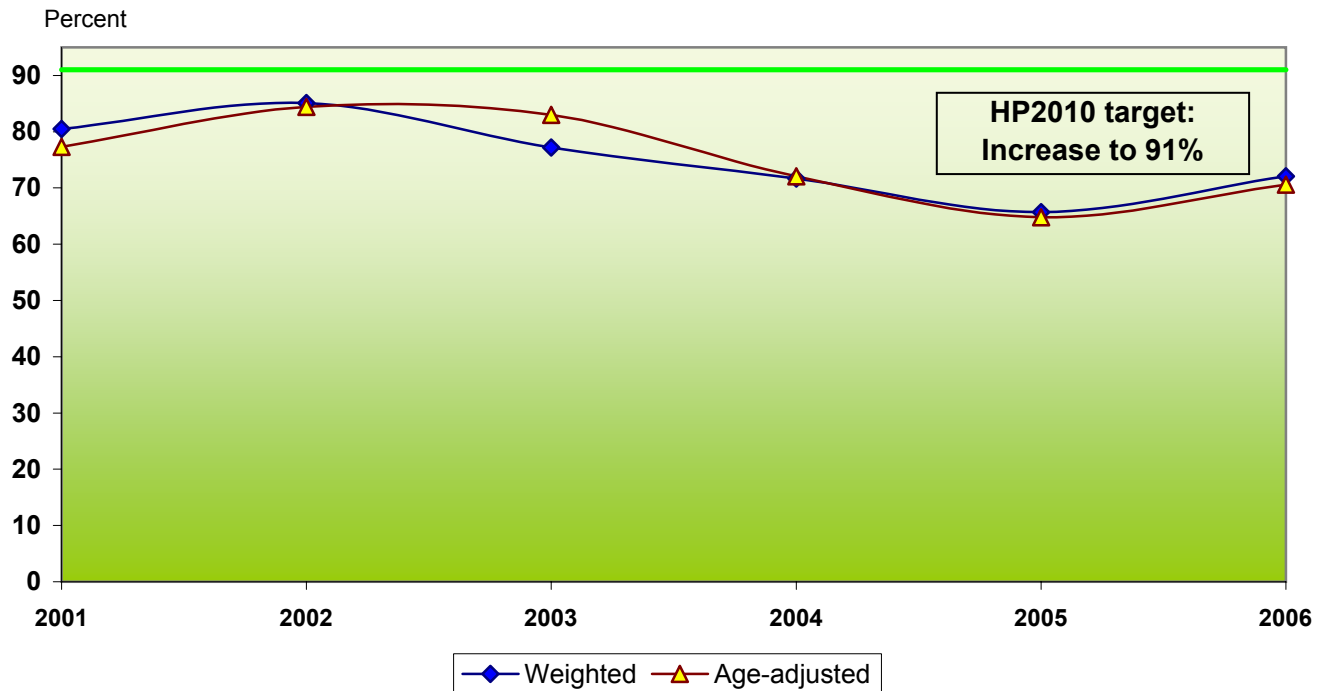


YEAR	2001	2002	2003	2004	2005	2006
Sample size	119	154	127	78	129	256
Had a foot examination	97	129	93	49	88	174
Weight percentage	84.4	84.2	75.3	64.7	66.3	67.5
95% C.I.	(73.9 - 91.2)	(76.4 - 89.8)	(64.8 - 83.5)	(50.1 - 76.9)	(51.7 - 78.4)	(59.0 - 75.0)
Age-adjusted percentage	79.8	84.7	71.4	62.9	57.7	70.0
95% C.I.	(65.4 - 89.3)	(74.8 - 91.1)	(58.8 - 81.3)	(47.5 - 76.0)	(47.0 - 67.7)	(59.0 - 79.1)
GOAL (%)	91	91	91	91	91	91

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-14/ SUPPLEMENT 2

**Percent of women with diabetes
who had a foot examination at least once last year
Hawaii, 2001-2006**

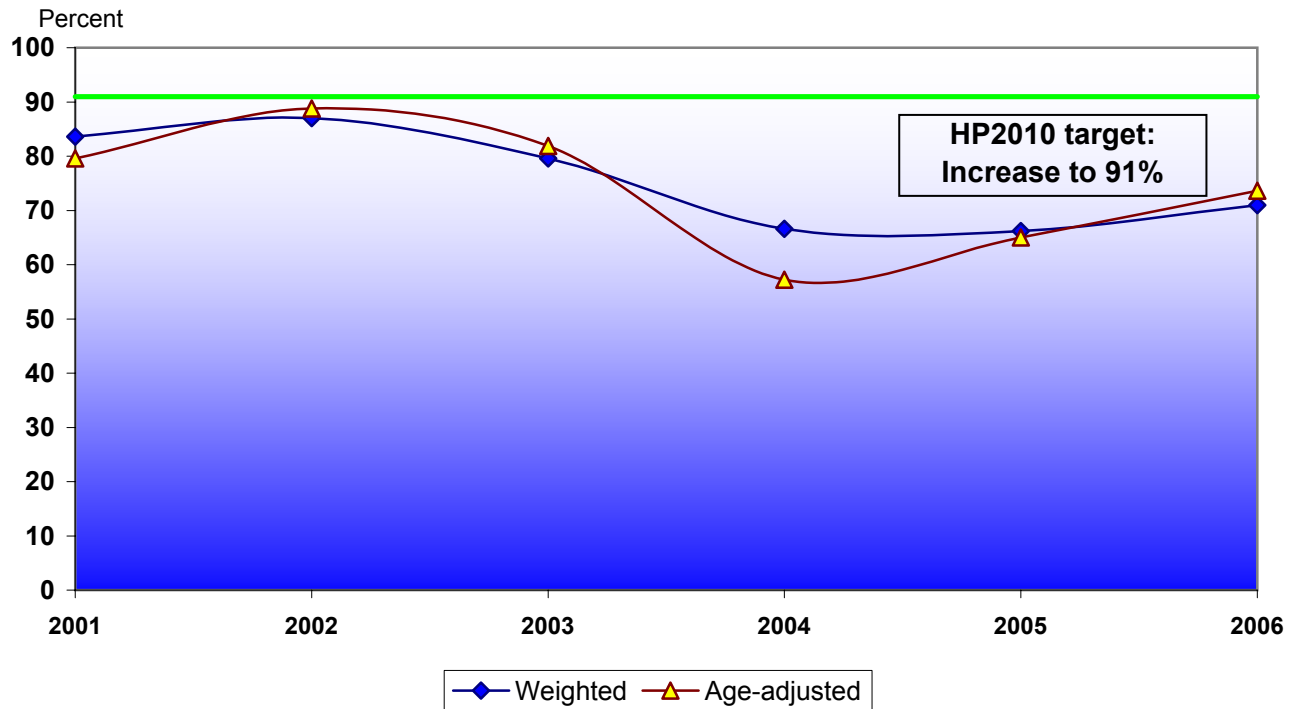


YEAR	2001	2002	2003	2004	2005	2006
Sample size	143	222	182	77	137	328
Had a foot examination	116	185	133	54	89	227
Weight percentage	80.5	85.1	77.2	71.7	65.7	72.1
95% C.I.	(70.1 - 87.9)	(78.3 - 90.1)	(69.2 - 83.6)	(53.6 - 84.7)	(54.1 - 75.6)	(65.7 - 77.8)
Age-adjusted percentage	77.3	84.4	83.0	72.1	64.8	70.6
95% C.I.	(62.2 - 87.6)	(74.3 - 91.0)	(74.3 - 89.2)	(58.1 - 82.8)	(53.8 - 74.4)	(60.6 - 78.9)
GOAL (%)	91	91	91	91	91	91

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-14/ SUPPLEMENT 3

**Percent of adults with diabetes
who had a foot examination at least once last year
Honolulu county, Hawaii, 2001-2006**

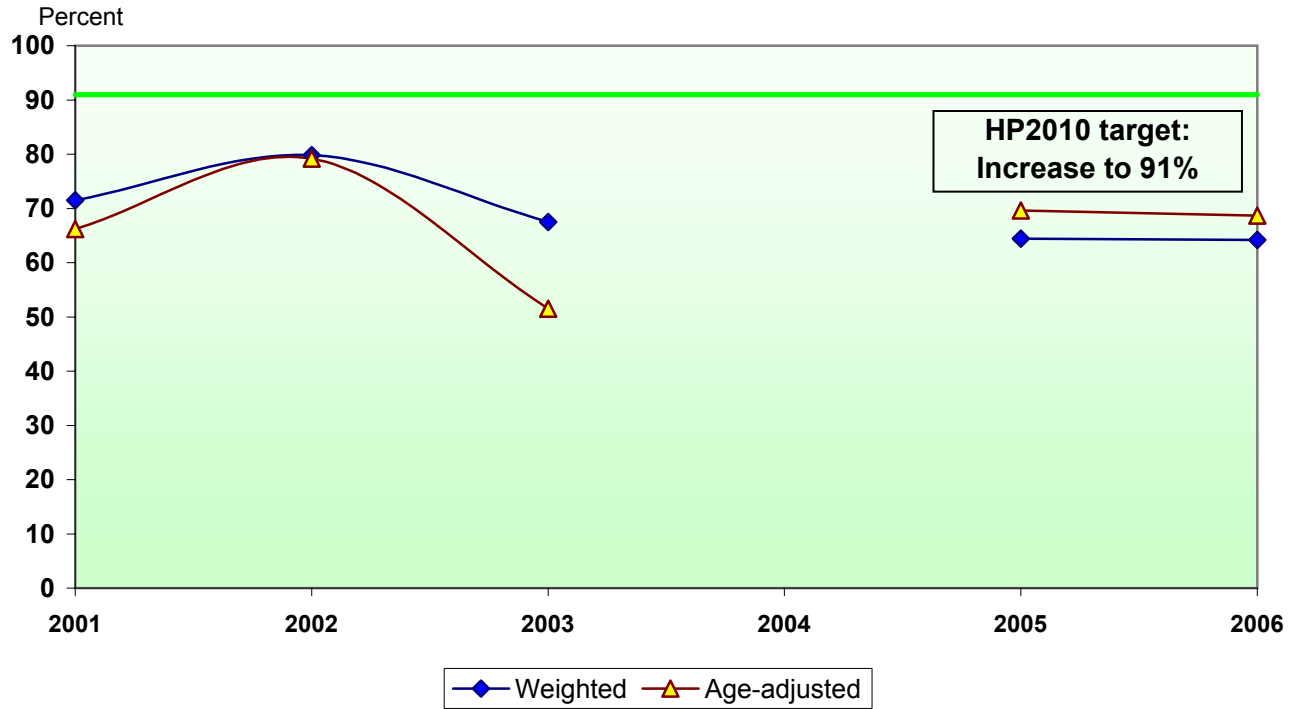


YEAR	2001	2002	2003	2004	2005	2006
Sample size	111	180	173	63	115	274
Had a foot examination	93	152	138	41	82	196
Weight percentage	83.6	87.0	79.6	66.6	66.2	71.0
95% C.I.	(74.1 - 90.0)	(80.9 - 91.4)	(71.6 - 85.8)	(52.4 - 78.3)	(54.0 - 76.6)	(64.0 - 77.0)
Age-adjusted percentage	79.6	88.8	81.9	57.2	65.0	73.6
95% C.I.	(66.5 - 88.4)	(82.3 - 93.1)	(72.8 - 88.4)	(49.2 - 64.9)	(49.6 - 77.8)	(66.6 - 79.6)
GOAL (%)	91	91	91	91	91	91

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-14/ SUPPLEMENT 4

**Percent of adults with diabetes
who had a foot examination at least once last year
Hawaii county, Hawaii, 2001-2006**

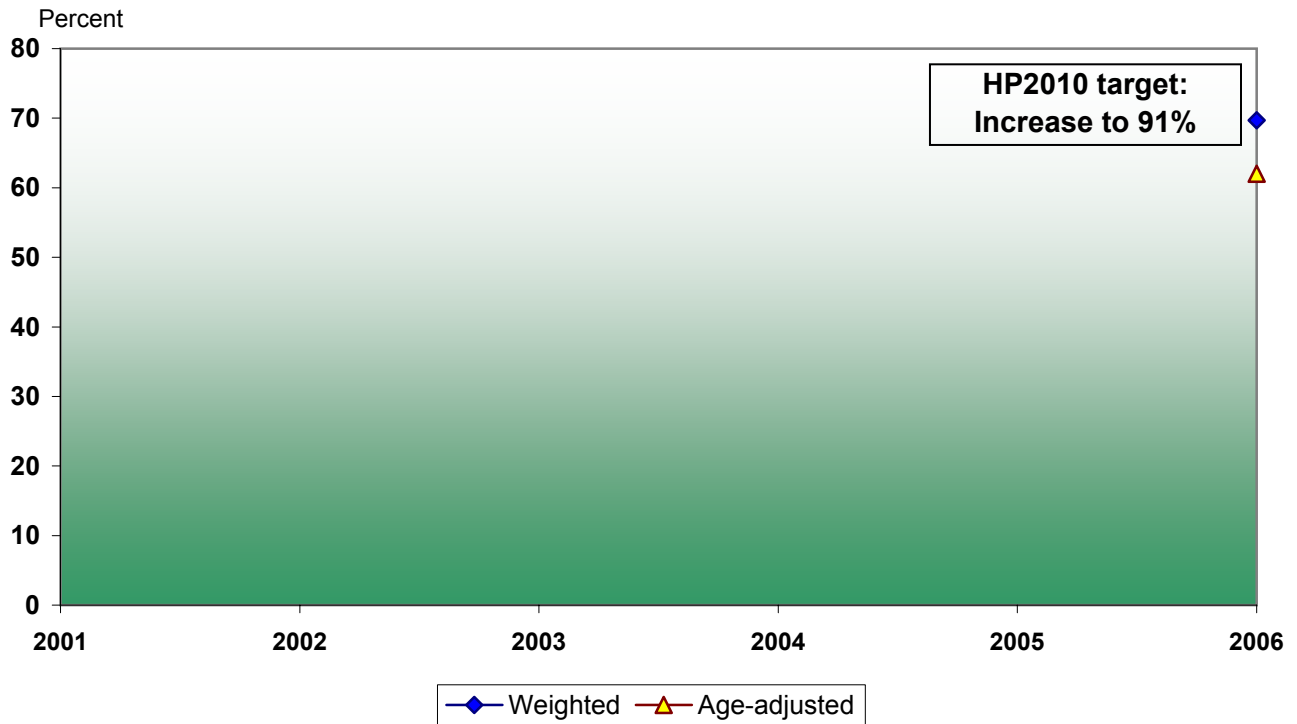


YEAR	2001	2002	2003	2004	2005	2006
Sample size	60	84	66	<i>less than 50</i>	84	113
Had a foot examination	42	69	43		51	74
Weight percentage	71.5	79.8	67.5		64.4	64.2
95% C.I.	(57.6 - 82.3)	(66.1 - 88.9)	(54.2 - 78.4)		(52.0 - 75.1)	(54.0 - 73.3)
Age-adjusted percentage	66.2	79.2	51.5		69.6	68.7
95% C.I.	(46.9 - 81.3)	(62.5 - 89.7)	(39.7 - 63.1)		(54.0 - 81.8)	(53.8 - 80.6)
GOAL (%)	91	91	91	91	91	91

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-14/ SUPPLEMENT 5

**Percent of adults with diabetes
who had a foot examination at least once last year
Kauai county, Hawaii, 2001-2006**

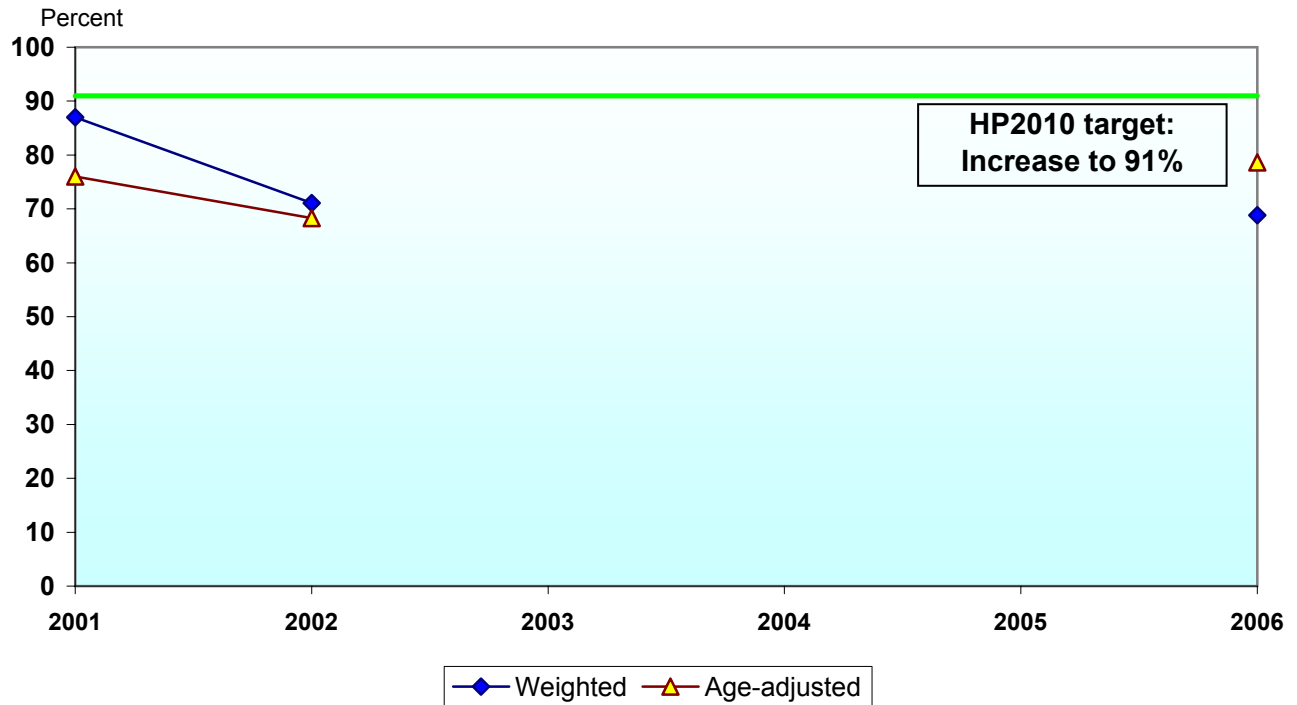


YEAR	2001	2002	2003	2004	2005	2006
Sample size	<i>less than 50</i>					74
Had a foot examination						48
Weight percentage						69.7
95% C.I.						(57.3 - 79.8)
Age-adjusted percentage						62.0
95% C.I.						(52.1 - 71.0)
GOAL (%)	91	91	91	91	91	91

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 5-14/ SUPPLEMENT 6

**Percent of adults with diabetes
who had a foot examination at least once last year
Maui county, Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	59	72	<i>less than 50</i>			123
Had a foot examination	51	57				83
Weight percentage	87.0	71.1				68.8
95% C.I.	(74.1 - 94.0)	(55.5 - 82.9)				(57.2 - 78.4)
Age-adjusted percentage	76.0	68.3				78.6
95% C.I.	(54.5 - 89.3)	(48.3 - 83.2)				(70.2 - 85.2)
GOAL (%)	91	91	91	91	91	91

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

HEART DISEASE AND STROKE

In our survey, the questions related to cardiovascular diseases were asked in every other year.

We can track the 3 following objectives in this area.

Objective 12-9: Reduce the proportion of adults (aged 20+) with high blood pressure to **14%** (revised from 16%)

Question used to obtain the data: *Have you ever been told by a doctor, nurse or other health professional that you have high blood pressure?*

In 2005, the percentage of adults aged 20 years old and older in Hawaii with high blood pressure was 23.5%. With the national baseline of 26% in 1988, only a little progress was made toward the goal of 14% in 2010.

Whites exhibit the lowest percentage of adults suffering from high blood pressure (Figure 12a). This high blood pressure prevalence rate among White is significantly lower than the Hawaiian, Japanese, Filipino high blood pressure prevalence rate at alpha=1% test criterion in each of the survey year except White and Filipino in 2001.

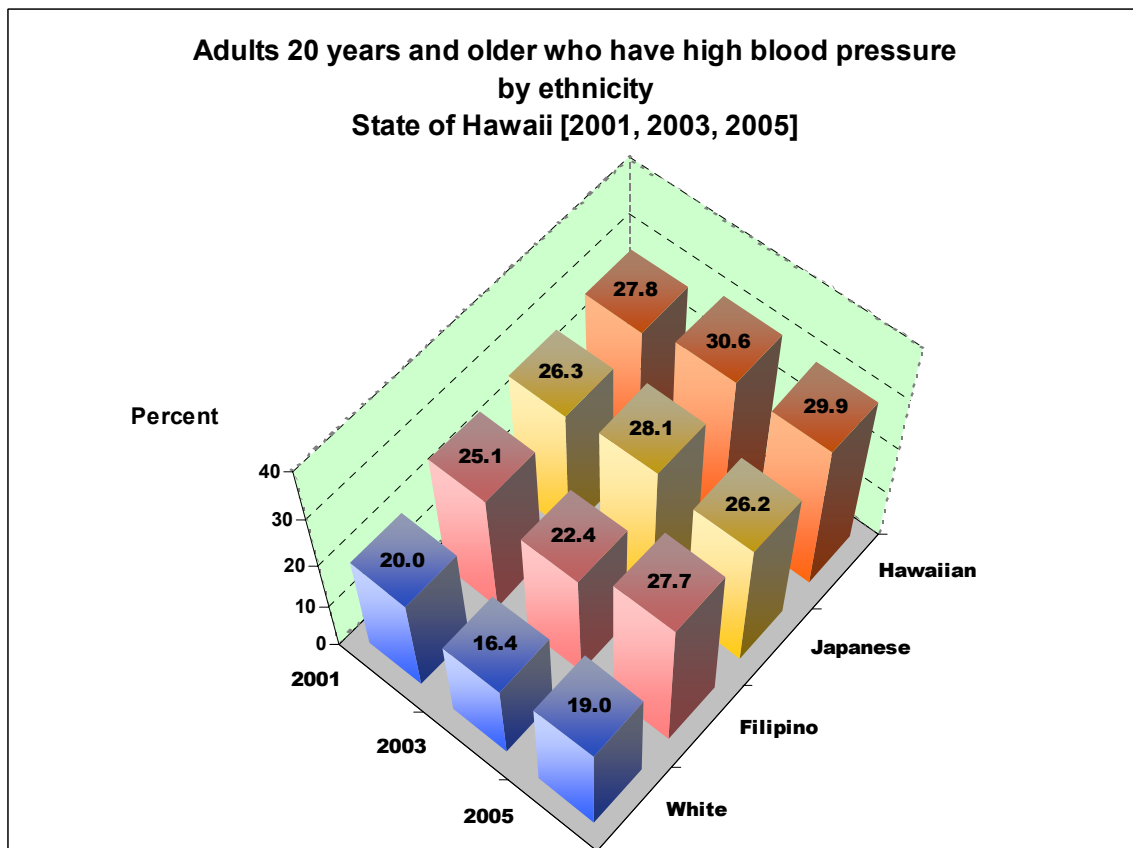


Fig. 12a

Men are more at risk of high blood pressure than women (Figure 12.b).

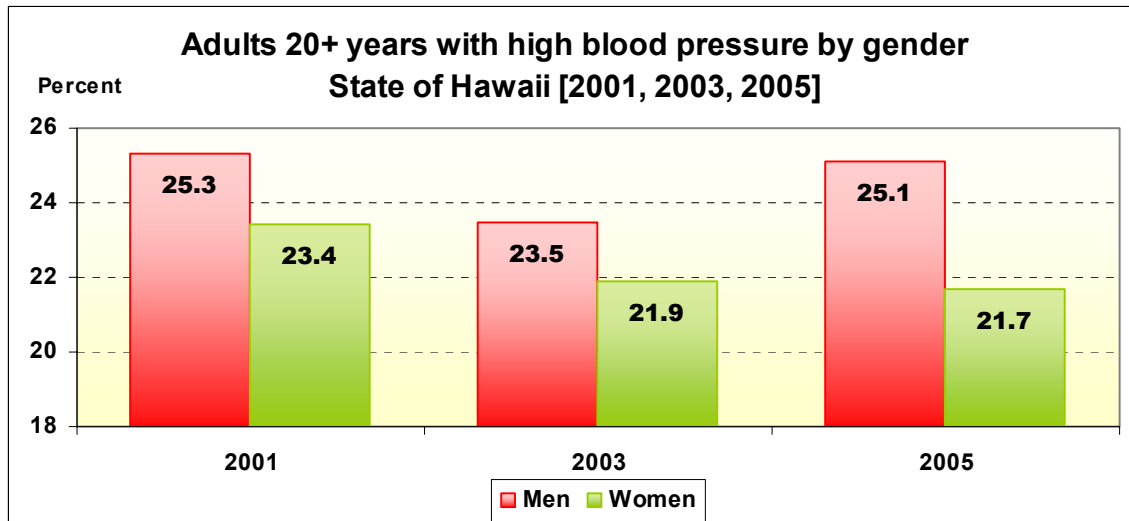


Fig. 12b

In addition, people in low-income households or people with less education have a higher rate of high blood pressure compared to those in better income households or with better education respectively (Figure 12c).

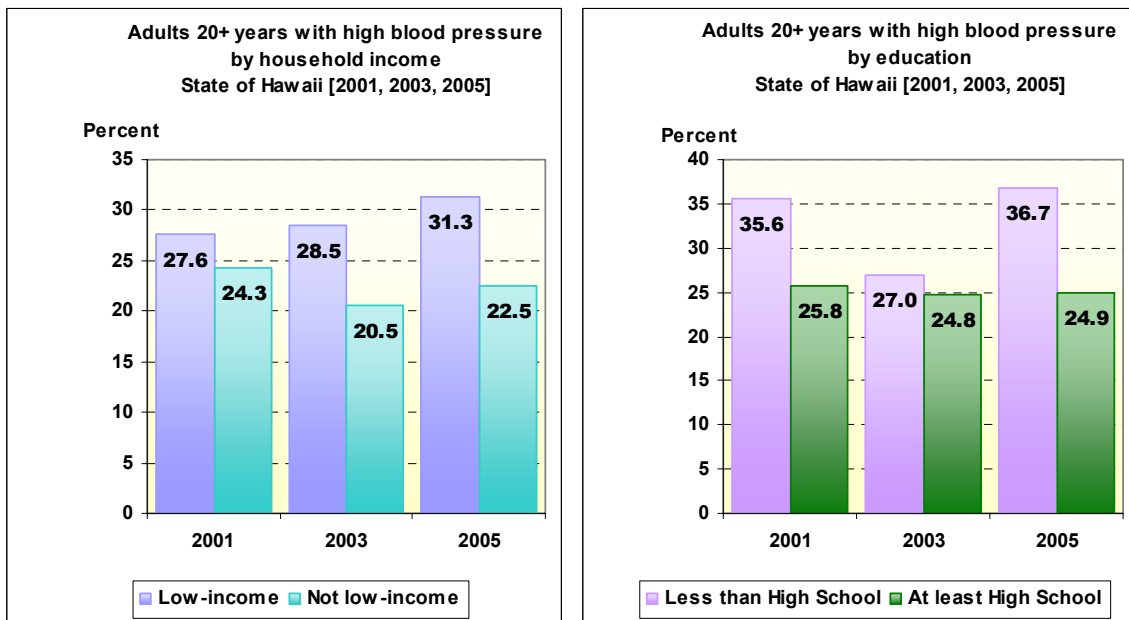


Fig 12.c

Objective 12-14: Reduce the proportion of adults (aged 20+) with high total blood cholesterol levels to 17%

Question used to obtain the data: *Have you ever been told by a doctor, nurse or other professional health that your blood cholesterol is high?*

Objective 12-15: Increase the proportion of adults who have had their blood cholesterol checked within the preceding 5 years to 80%

Questions used to obtain the data:
Have you ever had your blood cholesterol checked?
About how long has it been since you last had your blood cholesterol checked?

The percentage of adults in Hawaii who had blood cholesterol checked in the past 5 years seems to be declining; it was 73.9% in 2001, then dropped down to 70.2% in 2003, and then 69.4% in 2005 (Figure 12d). The most recent data show that we are only 2.4% higher than the national baseline of 67% in 1996. With a downward trend, we certainly have a long road to the HP2010 goal of 80%.

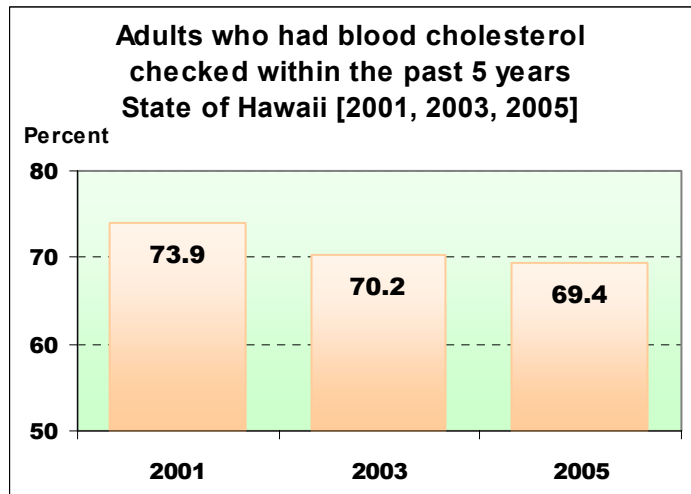


Fig.12d

The percentage having a blood cholesterol check within the past 5 years among people in low-income households or with less education is much lower than it is for those in better income households or with better education (Figure 12e).

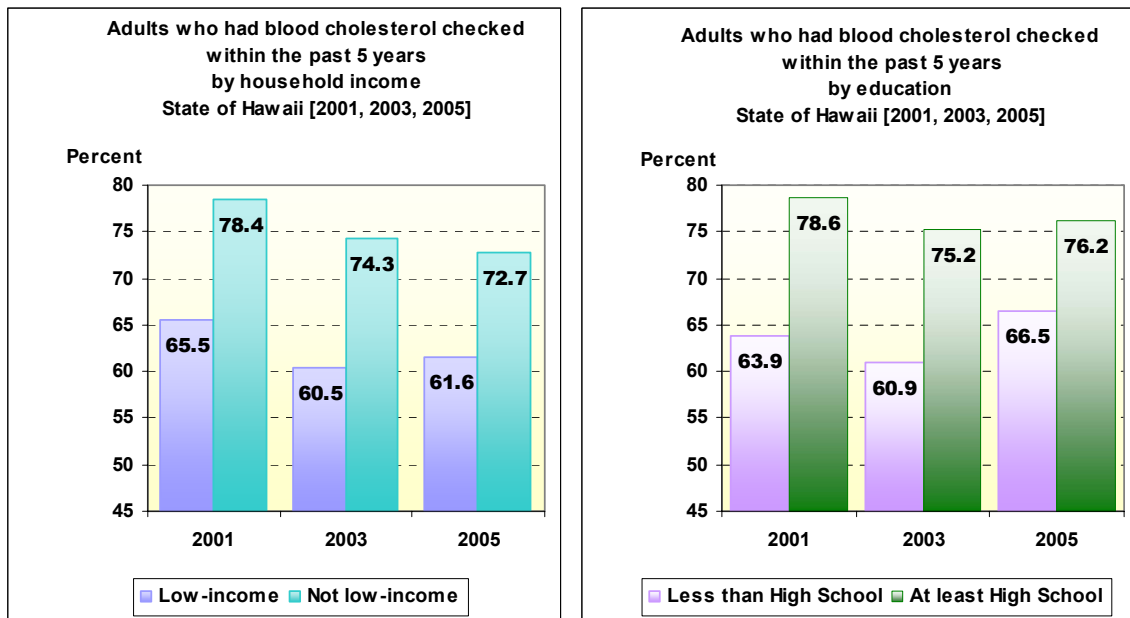
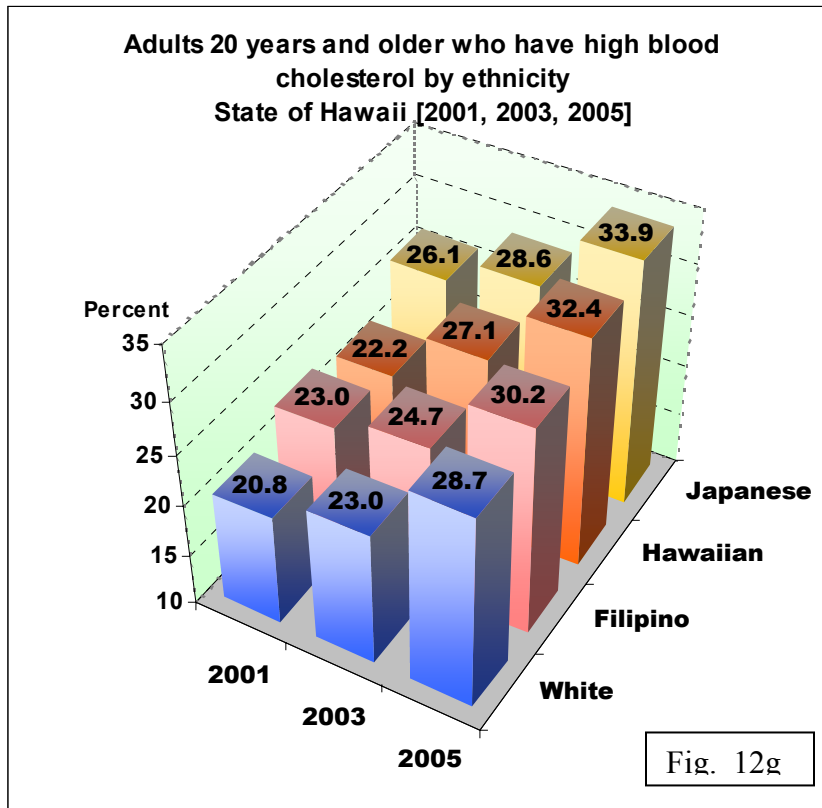
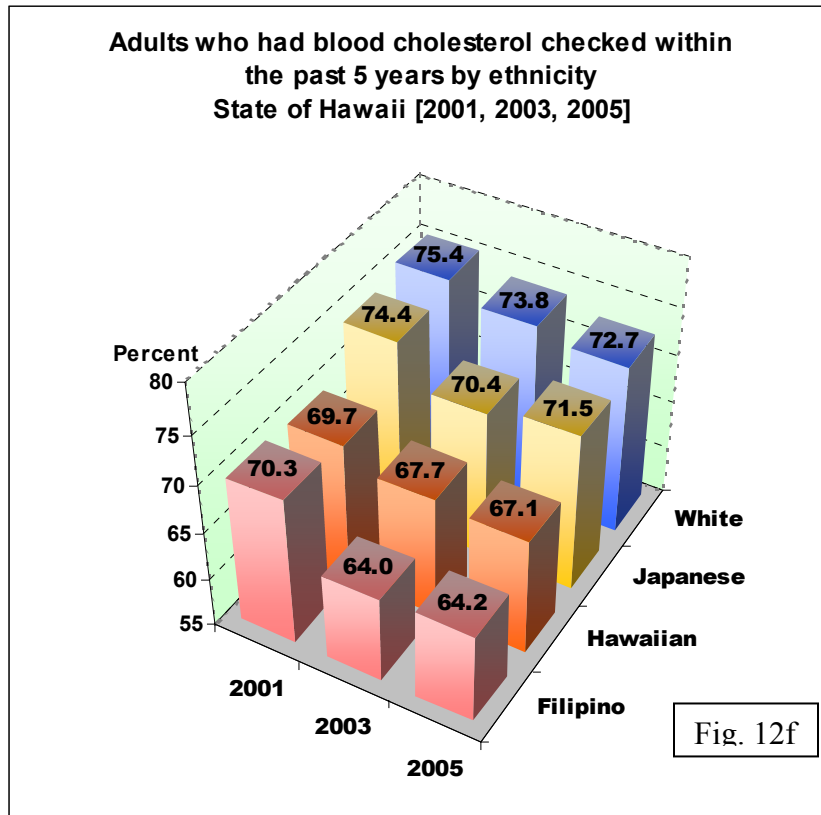


Fig. 12e

HBRFSS data show that in the survey years, White people almost had the highest percentage of having blood cholesterol checked within the past 5 years, and Japanese had a little lower. Hawaiians and Filipinos were farther below. In 2005, the prevalence rates for White and Japanese are significantly higher than those for Hawaiians and Filipinos at alpha=5% criterion test (Figure 12f).



Among people who had blood cholesterol checked, Whites have the lowest percentage of having high blood cholesterol level. In contrast, Japanese have the highest one (Figure 12g).

In measuring the proportion of adults who ever had a blood cholesterol check within the past 5 years, Hawaii state exhibits a disparity between counties. Honolulu County had the highest rates in 2001, 2002, and 2003; and also had significant differences with other counties except Maui County in 2001 (Figure 12h).

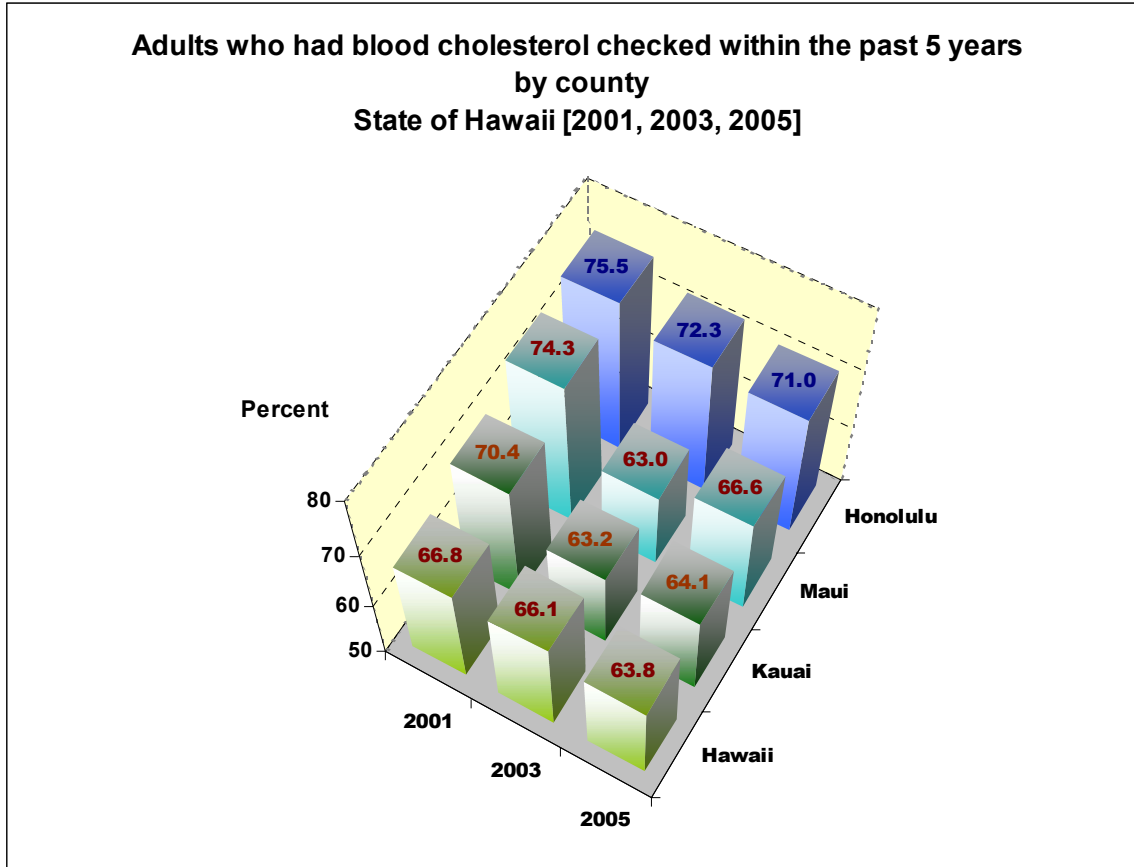
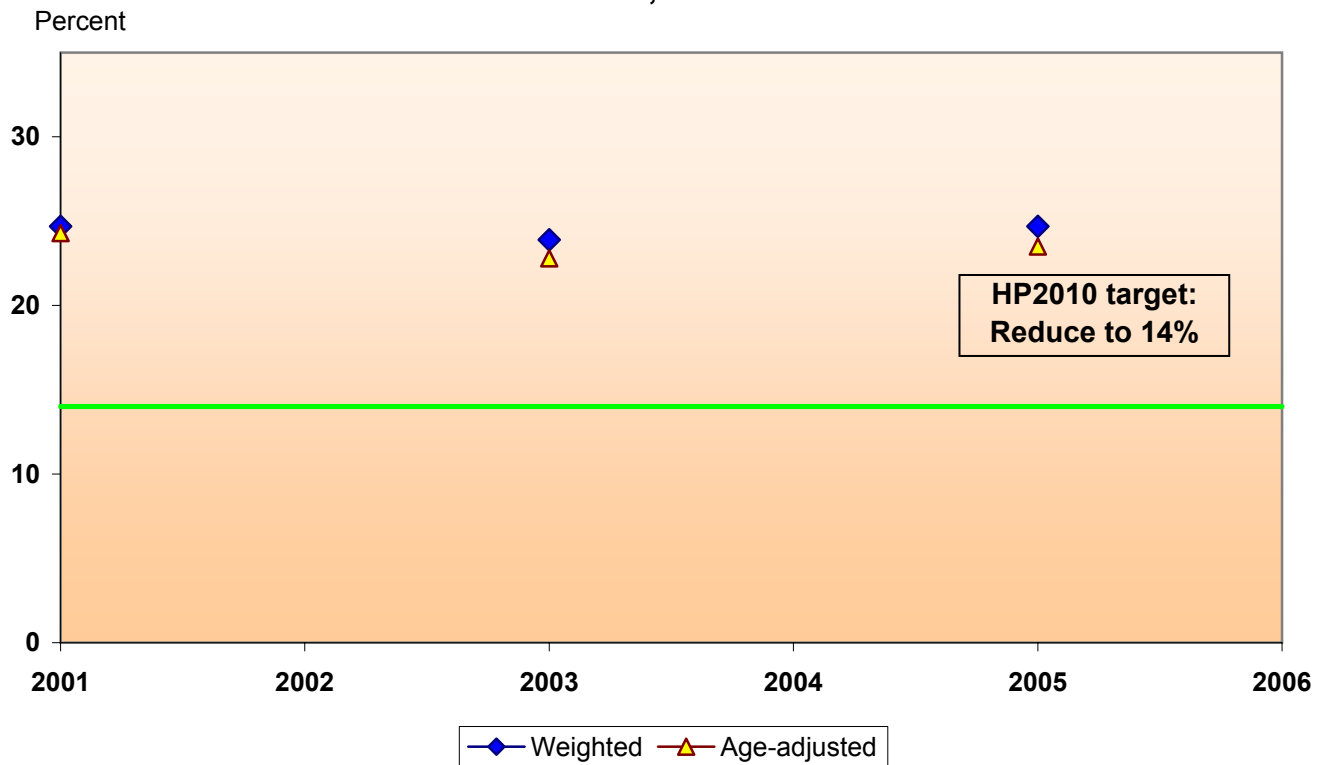


Fig. 12h

OBJECTIVE 12-9

Percent of adults, aged 20+, who have High Blood Pressure Hawaii, 2001-2006

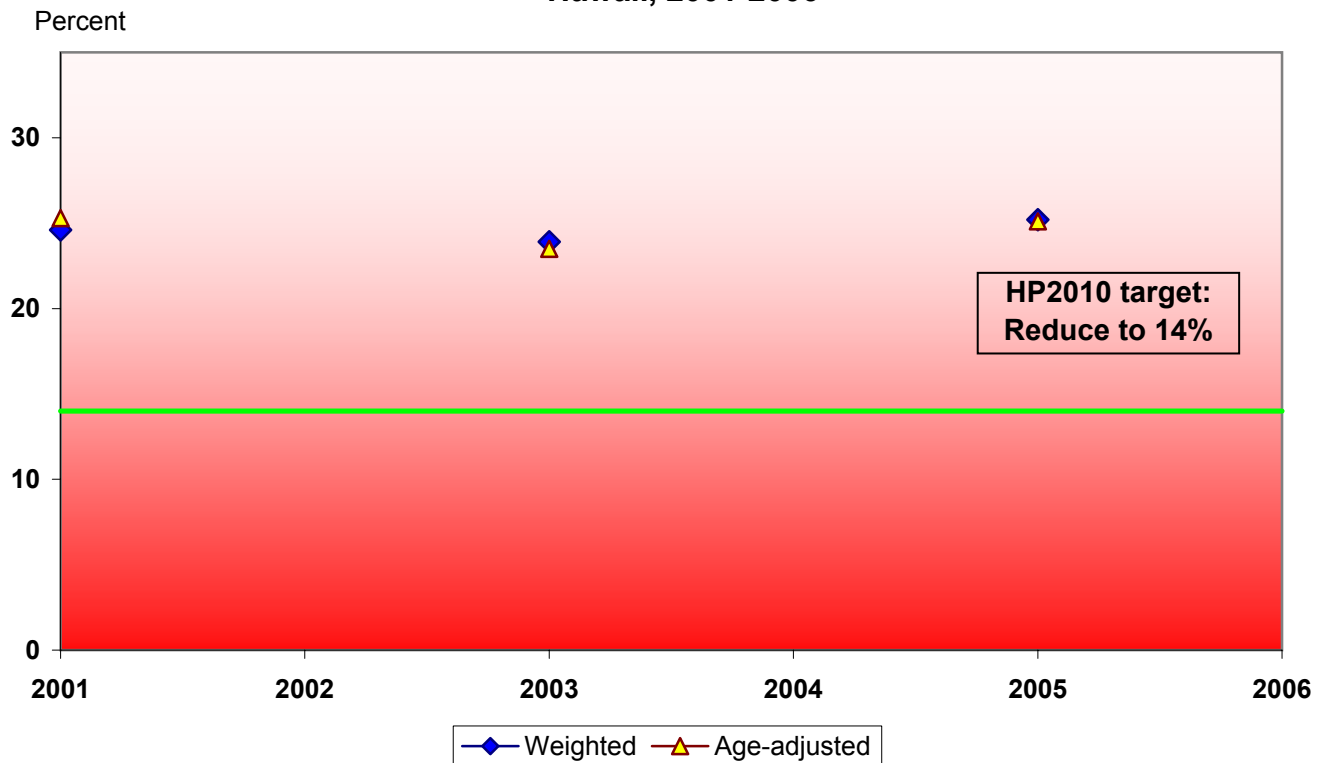


YEAR	2001	2002	2003	2004	2005	2006
Sample size	4419	N/A	4255	N/A	6329	N/A
Have High Blood Pressure	1082		1043		1689	
Weight percentage	24.7		23.9		24.7	
95% C.I.	(23.0 - 26.5)		(22.3 - 25.5)		(23.2 - 26.1)	
Age-adjusted percentage	24.3		22.8		23.5	
95% C.I.	(22.8 - 25.9)		(21.4 - 24.2)		(22.2 - 24.9)	
GOAL (%)	14	14	14	14	14	14

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-9/ SUPPLEMENT 1

**Percent of men, aged 20+, who have High Blood Pressure
Hawaii, 2001-2006**

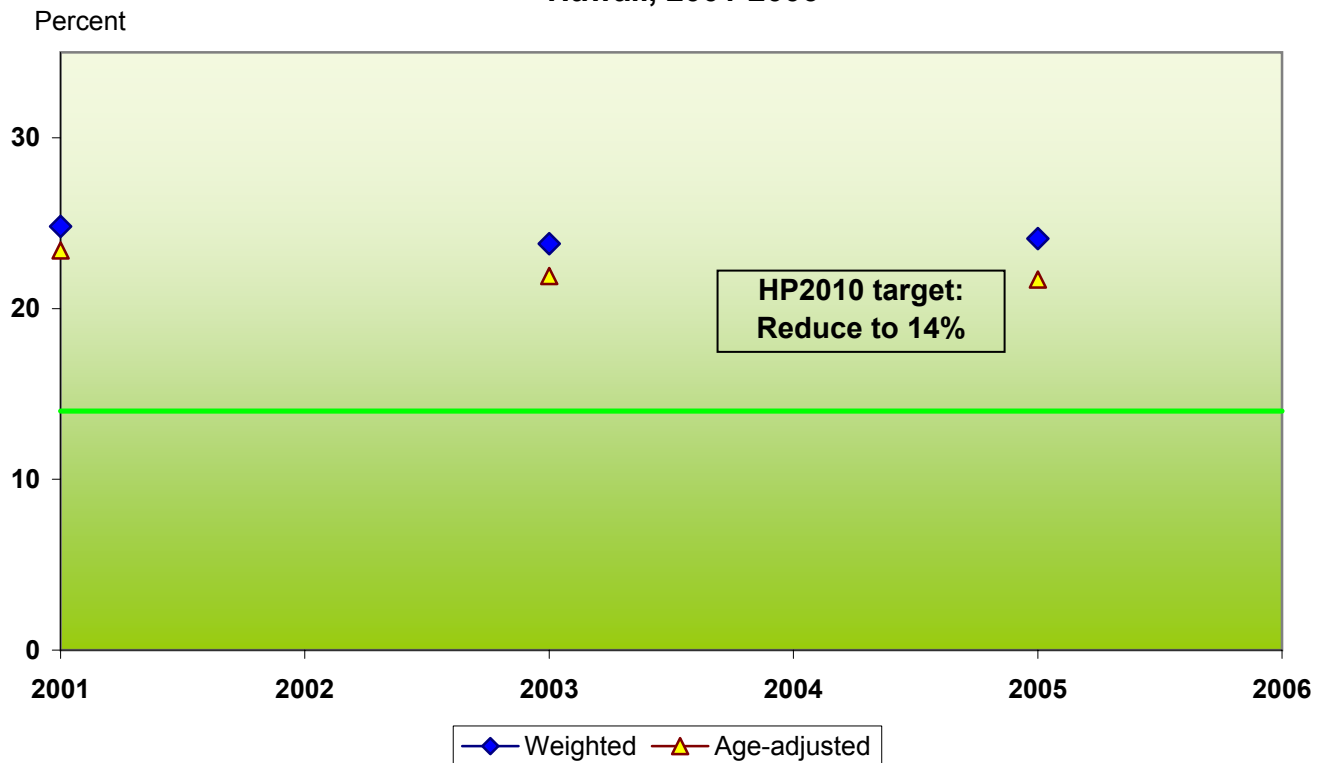


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1898	N/A	1717	N/A	2538	N/A
Have High Blood Pressure	479		430		712	
Weight percentage	24.6		23.9		25.2	
95% C.I.	(22.1 - 27.3)		(21.5 - 26.5)		(23.0 - 27.6)	
Age-adjusted percentage	25.3		23.5		25.1	
95% C.I.	(23.0 - 27.8)		(21.3 - 25.8)		(22.9 - 27.3)	
GOAL (%)	14	14	14	14	14	14

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-9/ SUPPLEMENT 2

**Percent of women, aged 20+, who have High Blood Pressure
Hawaii, 2001-2006**

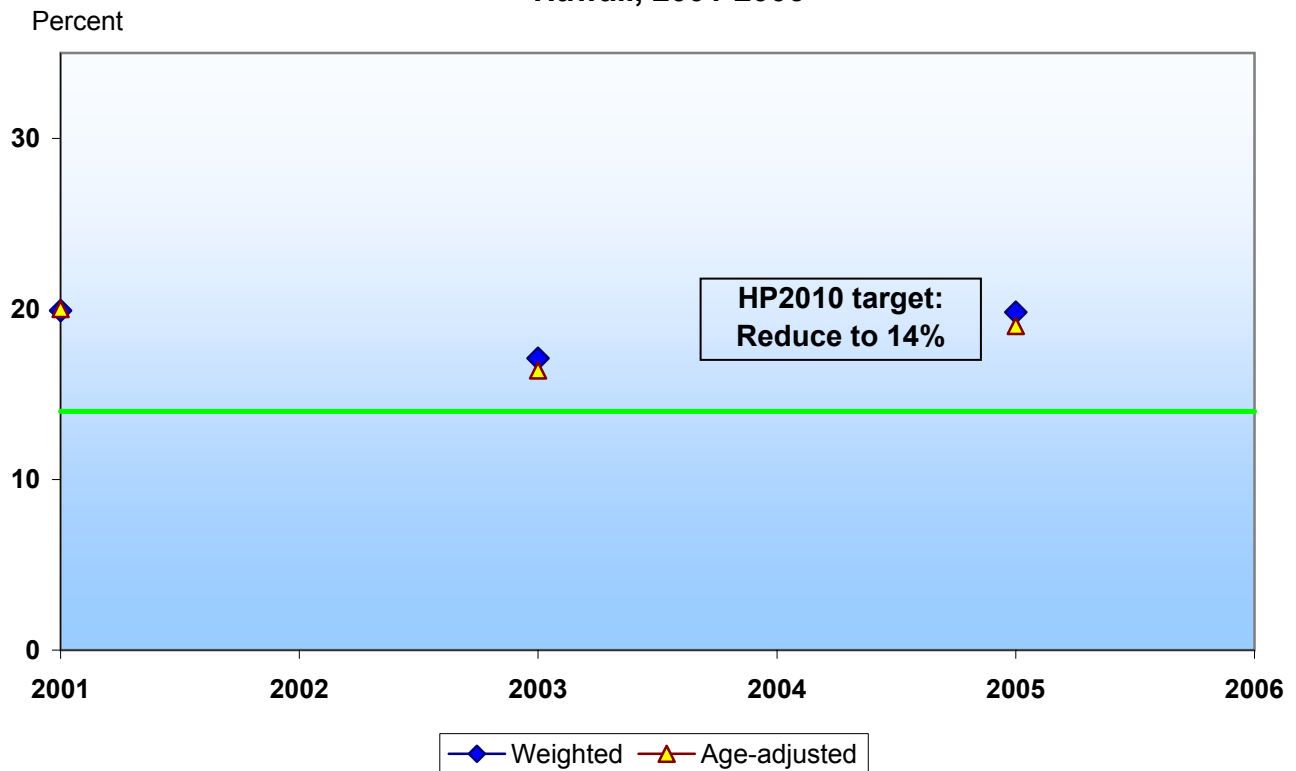


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2521	N/A	2538	N/A	3791	N/A
Have High Blood Pressure	603		613		977	
Weight percentage	24.8		23.8		24.1	
95% C.I.	(22.4 - 27.3)		(21.8 - 25.9)		(22.3 - 25.9)	
Age-adjusted percentage	23.4		21.9		21.7	
95% C.I.	(21.4 - 25.5)		(20.2 - 23.7)		(20.2 - 23.2)	
GOAL (%)	14	14	14	14	14	14

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-9/ SUPPLEMENT 3

**Percent of White adults, aged 20+, who have High Blood Pressure
Hawaii, 2001-2006**

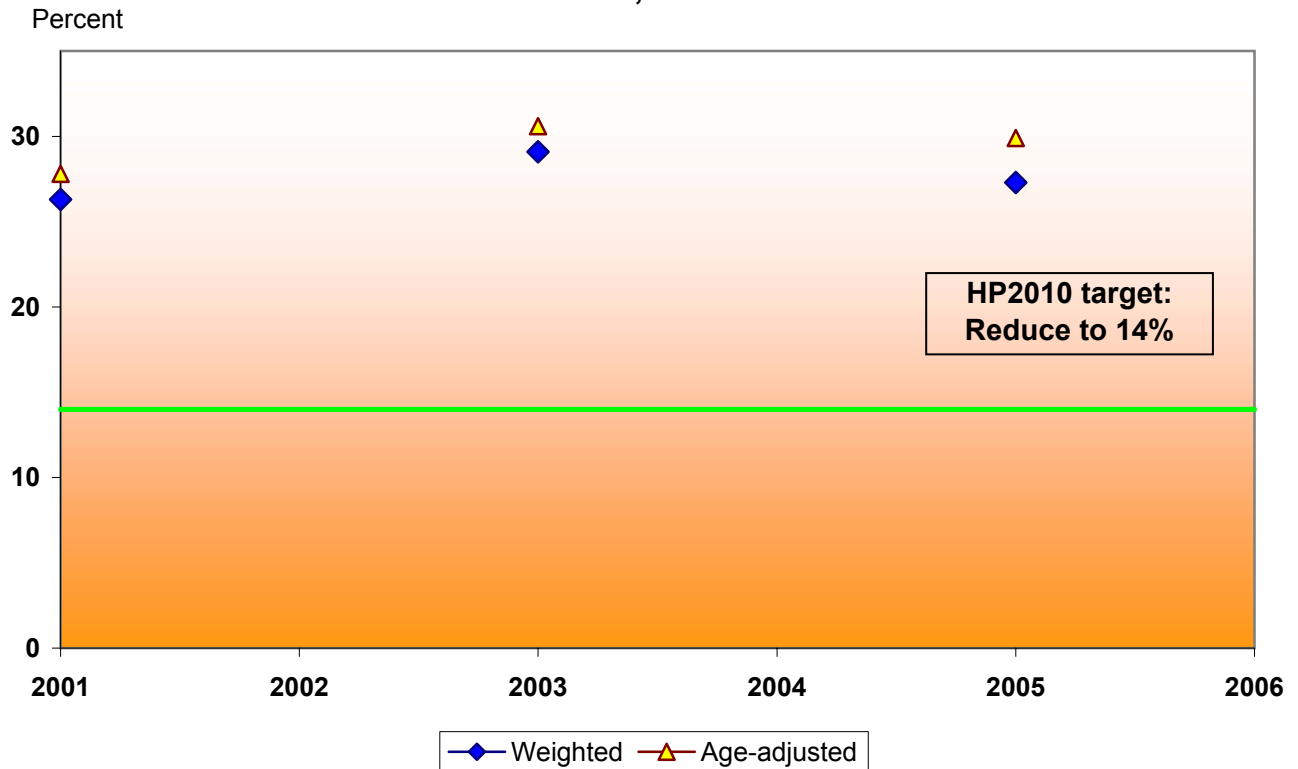


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1836	N/A	1640	N/A	2677	N/A
Have High Blood Pressure	360		310		566	
Weight percentage	19.9		17.1		19.8	
95% C.I.	(17.6 - 22.4)		(15.1 - 19.4)		(17.7 - 22.0)	
Age-adjusted percentage	20.0		16.4		19.0	
95% C.I.	(17.9 - 22.3)		(14.5 - 18.4)		(17.0 - 21.2)	
GOAL (%)	14	14	14	14	14	14

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-9/ SUPPLEMENT 4

**Percent of Hawaiians, aged 20+, who have High Blood Pressure
Hawaii, 2001-2006**

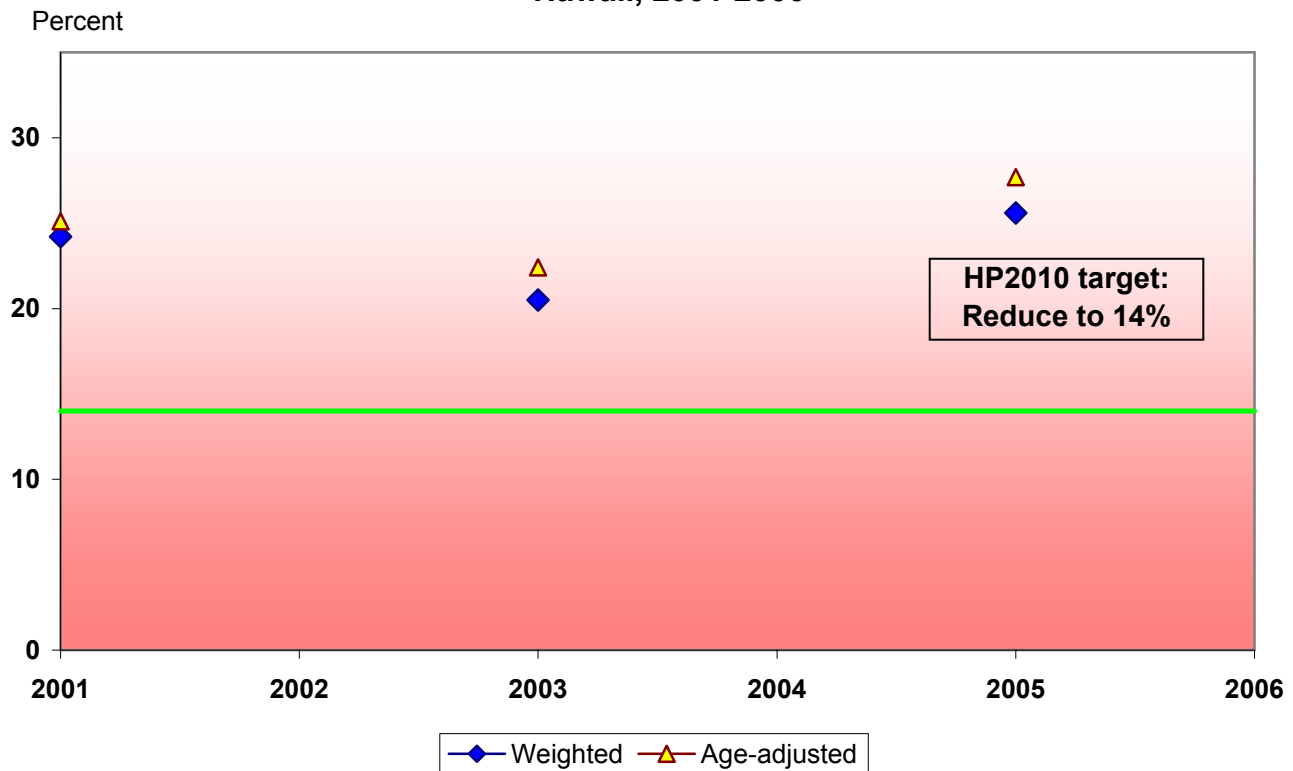


YEAR	2001	2002	2003	2004	2005	2006
Sample size	565	N/A	595	N/A	767	N/A
Have High Blood Pressure	145		178		239	
Weight percentage	26.3		29.1		27.3	
95% C.I.	(21.6 - 31.7)		(24.7 - 33.8)		(23.4 - 31.7)	
Age-adjusted percentage	27.8		30.6		29.9	
95% C.I.	(23.4 - 32.8)		(26.6 - 35.0)		(26.1 - 33.9)	
GOAL (%)	14	14	14	14	14	14

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-9/ SUPPLEMENT 5

**Percent of Filipinos, aged 20+, who have High Blood Pressure
Hawaii, 2001-2006**

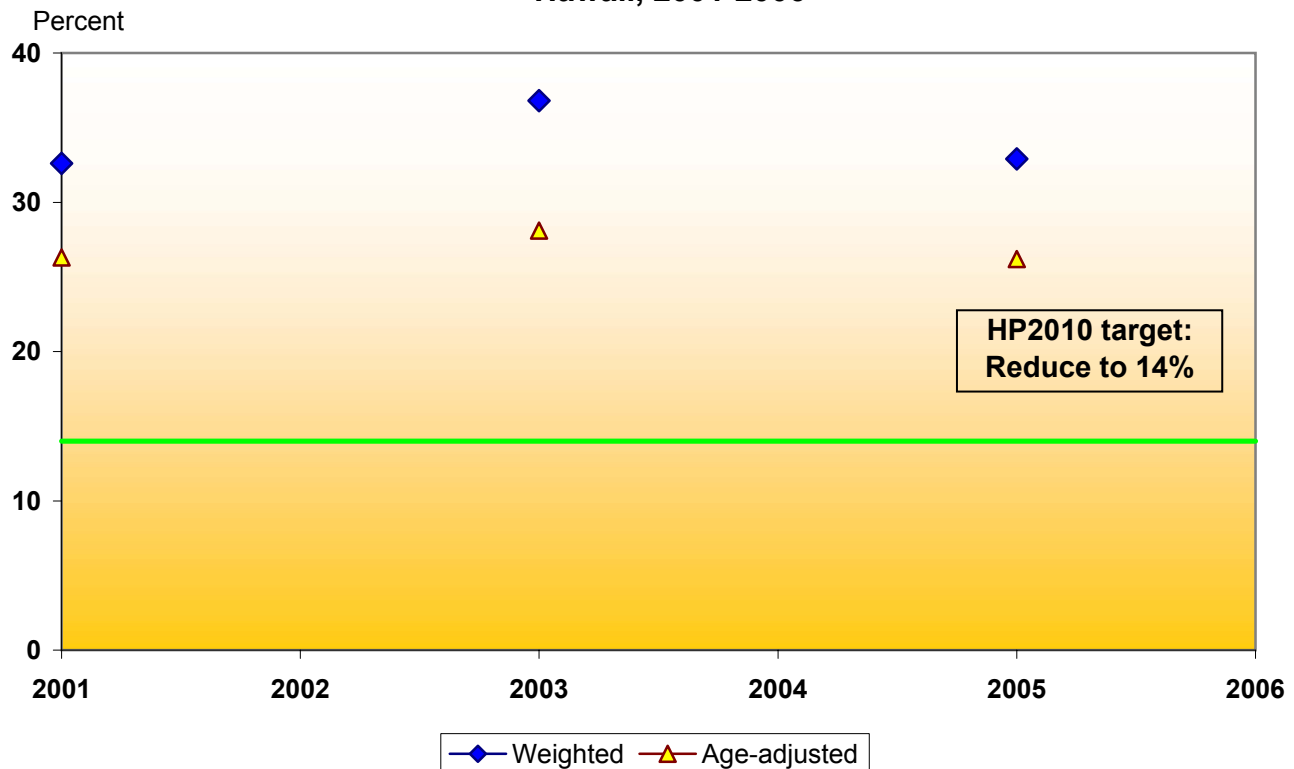


YEAR	2001	2002	2003	2004	2005	2006
Sample size	534	N/A	495	N/A	781	N/A
Have High Blood Pressure	145		120		236	
Weight percentage	24.2		20.5		25.6	
95% C.I.	(19.0 - 30.2)		(16.6 - 25.0)		(21.6 - 30.1)	
Age-adjusted percentage	25.1		22.4		27.7	
95% C.I.	(20.5 - 30.4)		(18.6 - 26.7)		(23.8 - 32.0)	
GOAL (%)	14	14	14	14	14	14

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-9/ SUPPLEMENT 6

**Percent of Japanese, aged 20+, who have High Blood Pressure
Hawaii, 2001-2006**

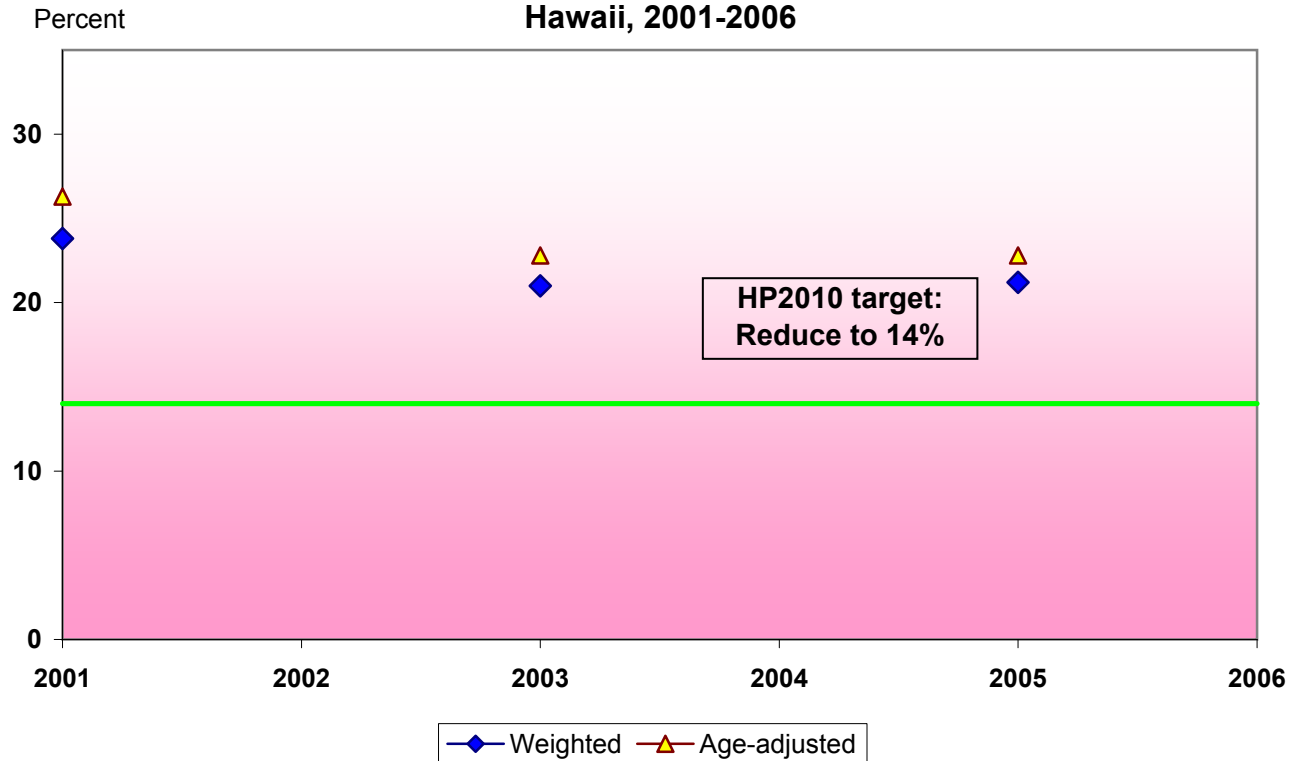


YEAR	2001	2002	2003	2004	2005	2006
Sample size	862	N/A	770	N/A	1273	N/A
Have High Blood Pressure	299		277		457	
Weight percentage	32.6		36.8		32.9	
95% C.I.	(28.7 - 36.8)		(32.6 - 41.2)		(29.7 - 36.2)	
Age-adjusted percentage	26.3		28.1		26.2	
95% C.I.	(23.0 - 29.9)		(24.4 - 32.1)		(23.0 - 29.8)	
GOAL (%)	14	14	14	14	14	14

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-9/ SUPPLEMENT 7

**Percent of adults of other races, aged 20+,
who have High Blood Pressure
Hawaii, 2001-2006**

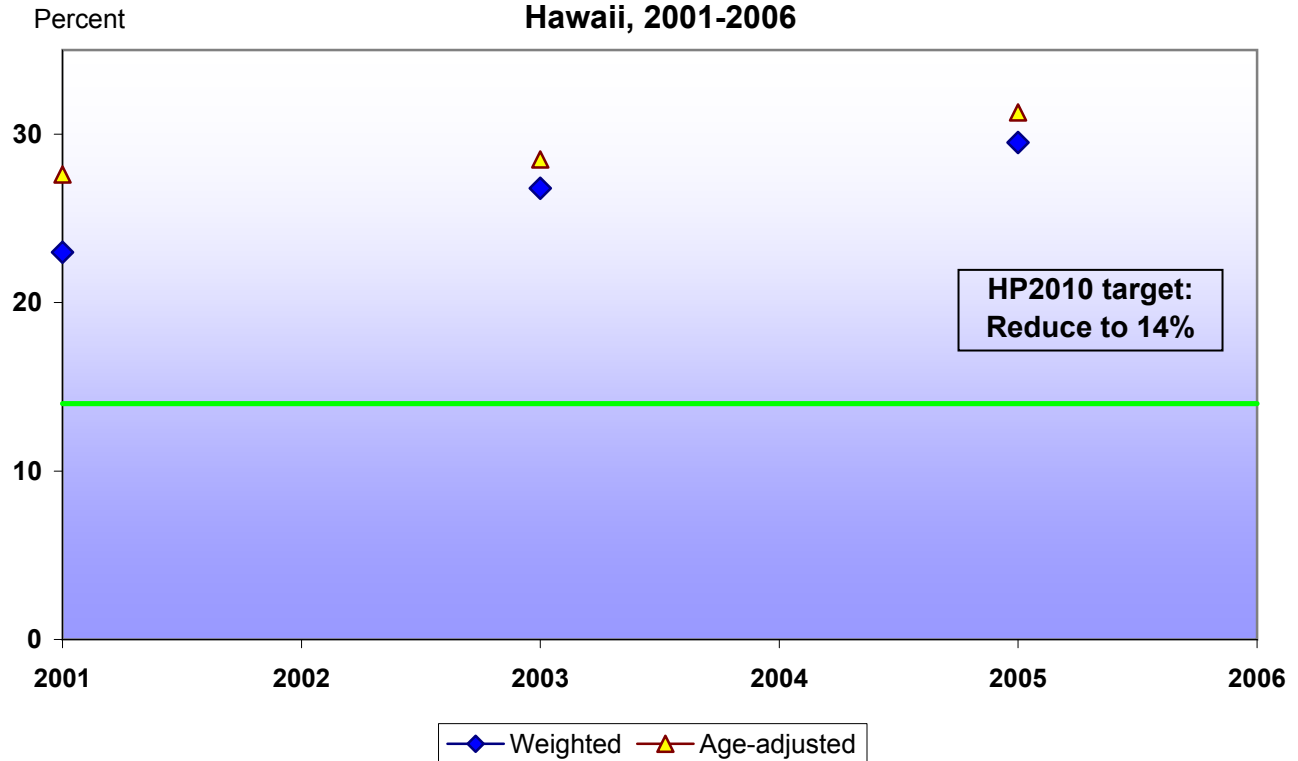


YEAR	2001	2002	2003	2004	2005	2006
Sample size	622	N/A	755	N/A	831	N/A
Have High Blood Pressure	133		158		191	
Weight percentage	23.8		21.0		21.2	
95% C.I.	(19.6 - 28.6)		(17.5 - 24.9)		(17.8 - 25.1)	
Age-adjusted percentage	26.3		22.8		22.8	
95% C.I.	(22.4 - 30.5)		(19.5 - 26.4)		(19.4 - 26.5)	
GOAL (%)	14	14	14	14	14	14

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-9/ SUPPLEMENT 8

**Percent of adults , aged 20+, in low income households,
who have High Blood Pressure
Hawaii, 2001-2006**

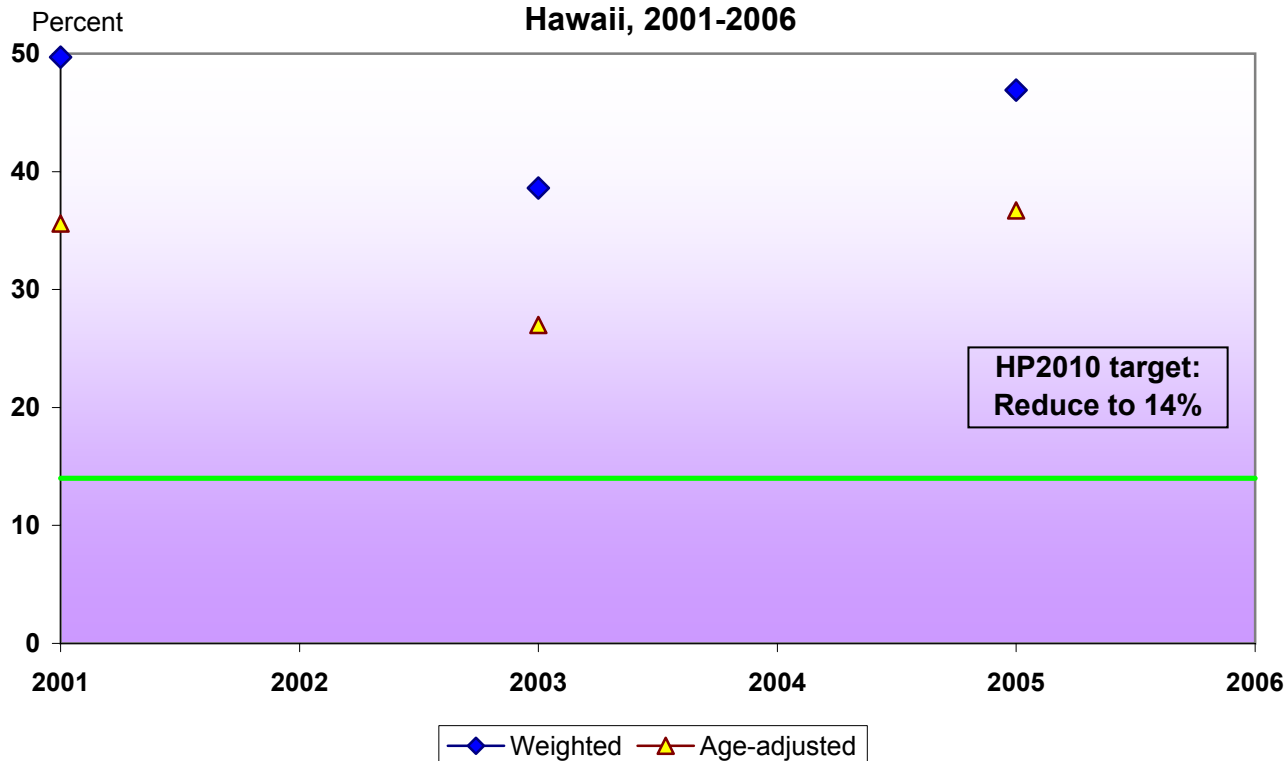


YEAR	2001	2002	2003	2004	2005	2006
Sample size	529	N/A	576	N/A	664	N/A
Have High Blood Pressure	127		165		204	
Weight percentage	23.0		26.8		29.5	
95% C.I.	(17.9 - 29.0)		(22.5 - 31.6)		(24.7 - 34.9)	
Age-adjusted percentage	27.6		28.5		31.3	
95% C.I.	(22.6 - 33.3)		(24.4 - 32.9)		(26.5 - 36.5)	
GOAL (%)	14	14	14	14	14	14

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-9/ SUPPLEMENT 9

**Percent of adults with less education who have High Blood Pressure
Hawaii, 2001-2006**

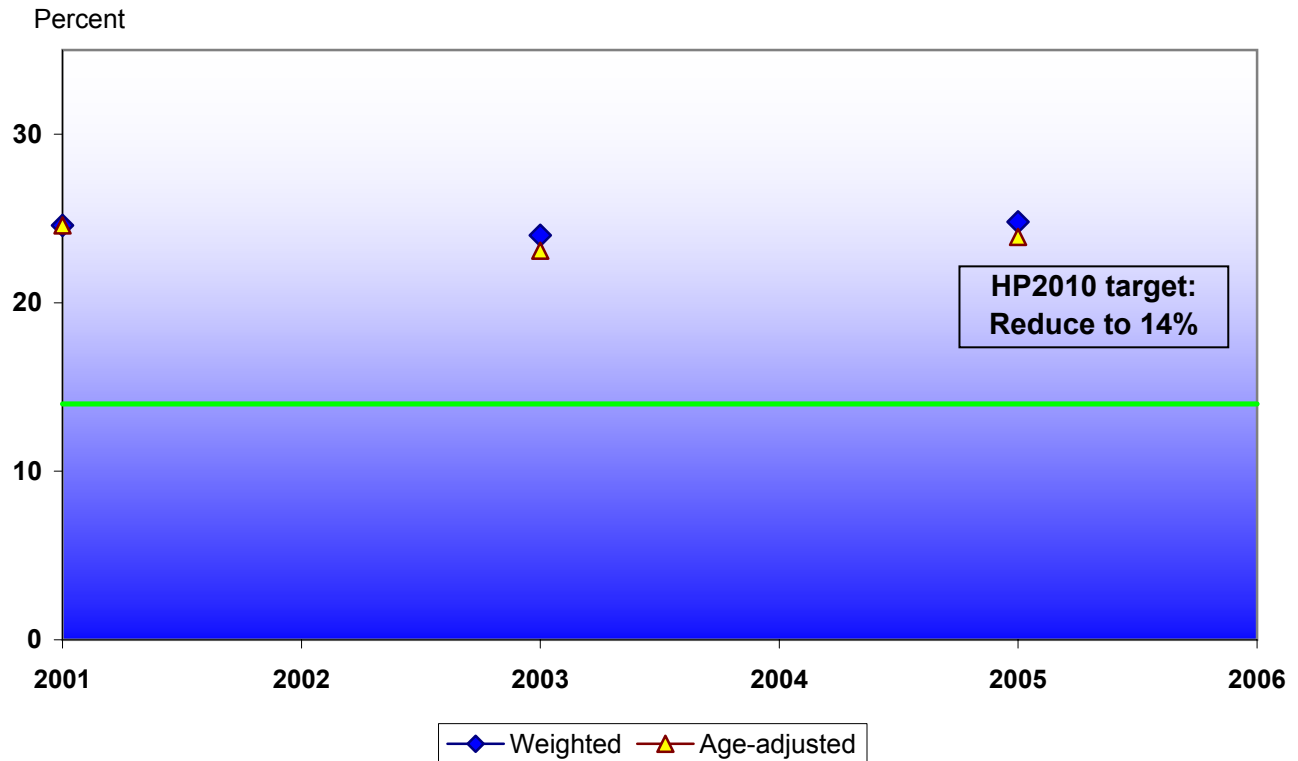


YEAR	2001	2002	2003	2004	2005	2006
Sample size	284	N/A	239	N/A	358	N/A
Have High Blood Pressure	137		91		166	
Weight percentage	49.7		38.6		46.9	
95% C.I.	(41.1 - 58.4)		(30.6 - 47.2)		(39.6 - 54.4)	
Age-adjusted percentage	35.6		27.0		36.7	
95% C.I.	(29.1 - 42.6)		(20.7 - 34.3)		(29.3 - 44.7)	
GOAL (%)	14	14	14	14	14	14

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-9/ SUPPLEMENT 10

**Percent of adults, aged 20+, who have High Blood Pressure
Honolulu county, Hawaii, 2001-2006**

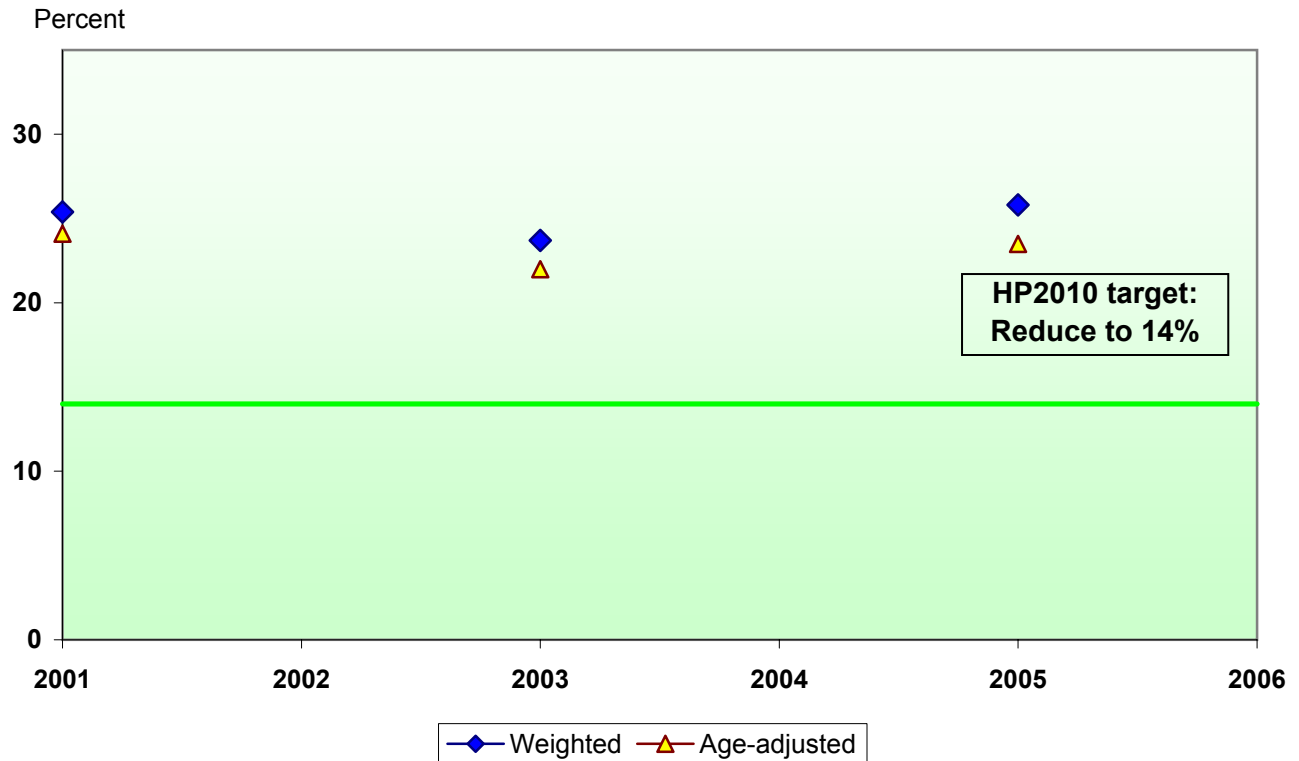


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1880	N/A	2197	N/A	2933	N/A
Have High Blood Pressure	451		529		785	
Weight percentage	24.6		24.0		24.8	
95% C.I.	(22.4 - 27.0)		(21.9 - 26.1)		(23.0 - 26.8)	
Age-adjusted percentage	24.6		23.1		23.9	
95% C.I.	(22.6 - 26.7)		(21.3 - 25.0)		(22.2 - 25.7)	
GOAL (%)	14	14	14	14	14	14

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-9/ SUPPLEMENT 11

**Percent of adults, aged 20+, who have High Blood Pressure
Hawaii county, Hawaii, 2001-2006**

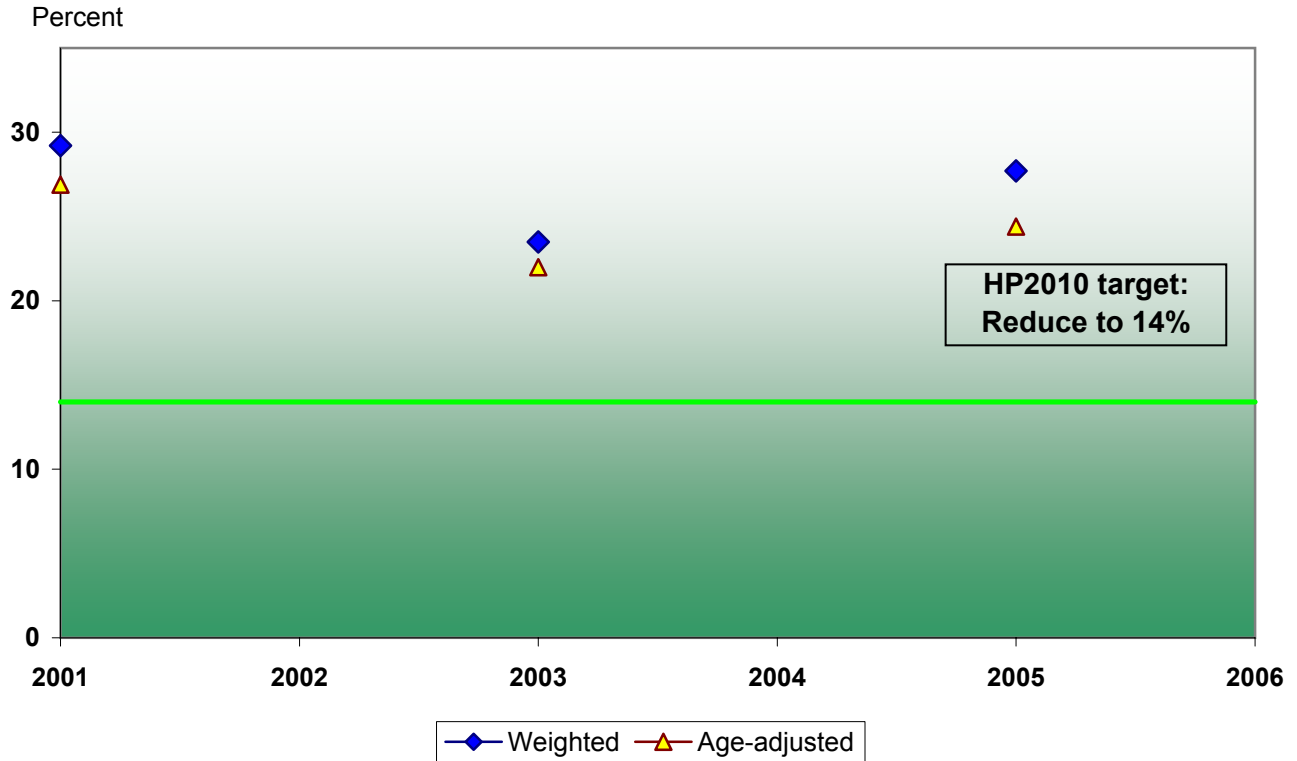


YEAR	2001	2002	2003	2004	2005	2006
Sample size	997	N/A	960	N/A	1642	N/A
Have High Blood Pressure	254		232		453	
Weight percentage	25.4		23.7		25.8	
95% C.I.	(22.5 - 28.6)		(20.7 - 27.0)		(23.3 - 28.4)	
Age-adjusted percentage	24.1		22.0		23.5	
95% C.I.	(21.5 - 26.9)		(19.1 - 25.1)		(21.4 - 25.8)	
GOAL (%)	14	14	14	14	14	14

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-9/ SUPPLEMENT 12

**Percent of adults, aged 20+, who have High Blood Pressure
Kauai county, Hawaii, 2001-2006**

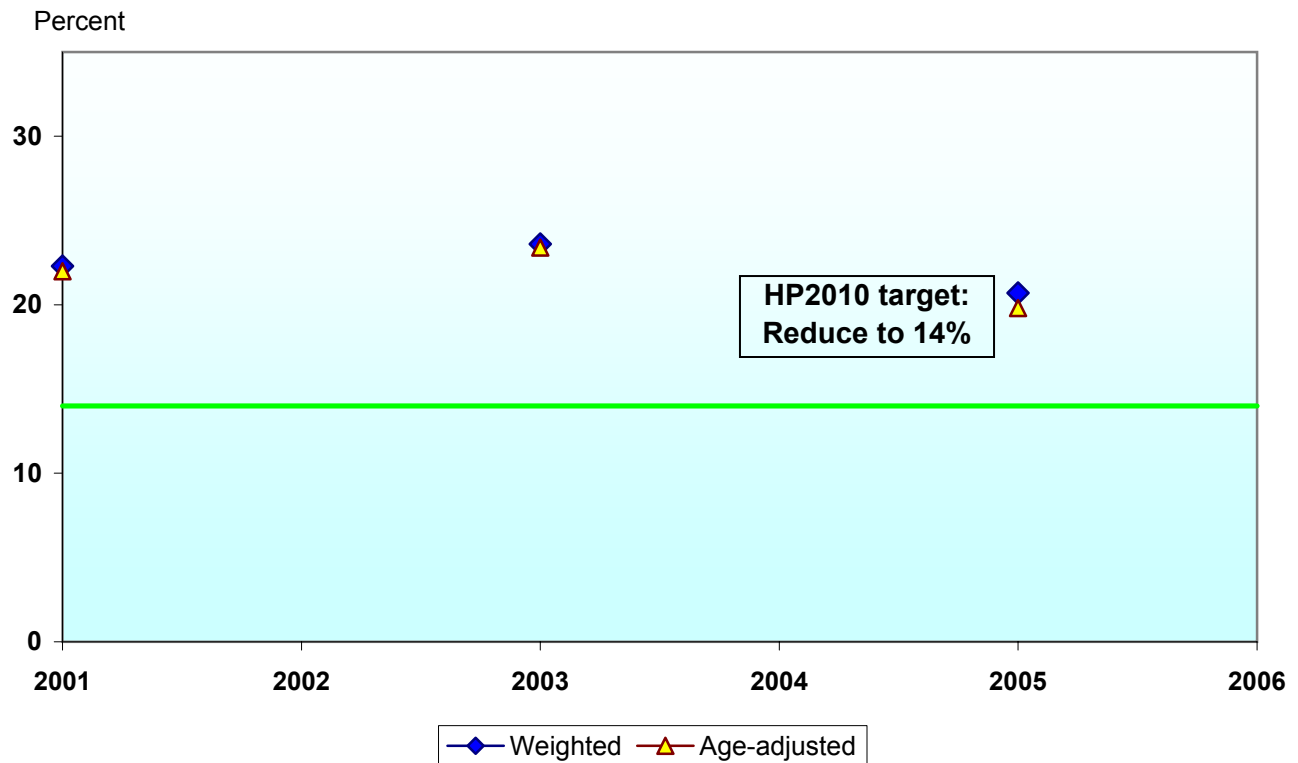


YEAR	2001	2002	2003	2004	2005	2006
Sample size	542	N/A	409	N/A	581	N/A
Have High Blood Pressure	150		103		167	
Weight percentage	29.2		23.5		27.7	
95% C.I.	(24.6 - 34.3)		(19.3 - 28.4)		(23.3 - 32.5)	
Age-adjusted percentage	26.9		22.0		24.4	
95% C.I.	(23.4 - 30.7)		(18.0 - 26.6)		(20.5 - 28.6)	
GOAL (%)	14	14	14	14	14	14

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-9/ SUPPLEMENT 13

**Percent of adults , aged 20+, who have High Blood Pressure
Maui county, Hawaii, 2001-2006**

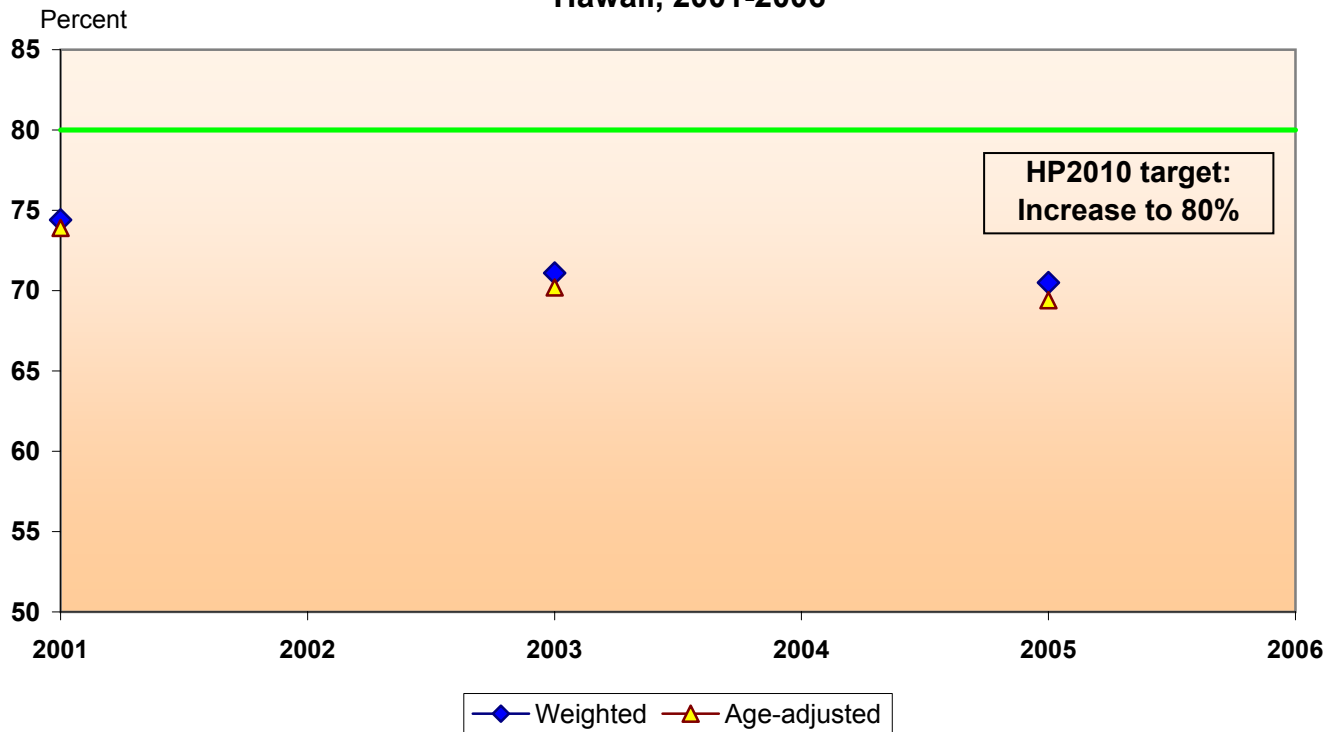


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1000	N/A	689	N/A	1173	N/A
Have High Blood Pressure	227		179		284	
Weight percentage	22.3		23.6		20.7	
95% C.I.	(19.3 - 25.7)		(20.1 - 27.5)		(18.0 - 23.8)	
Age-adjusted percentage	22.0		23.4		19.8	
95% C.I.	(19.2 - 25.2)		(20.2 - 26.9)		(17.5 - 22.4)	
GOAL (%)	14	14	14	14	14	14

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-15

**Percent of adults who had a blood cholesterol checked within the past 5 years
Hawaii, 2001-2006**

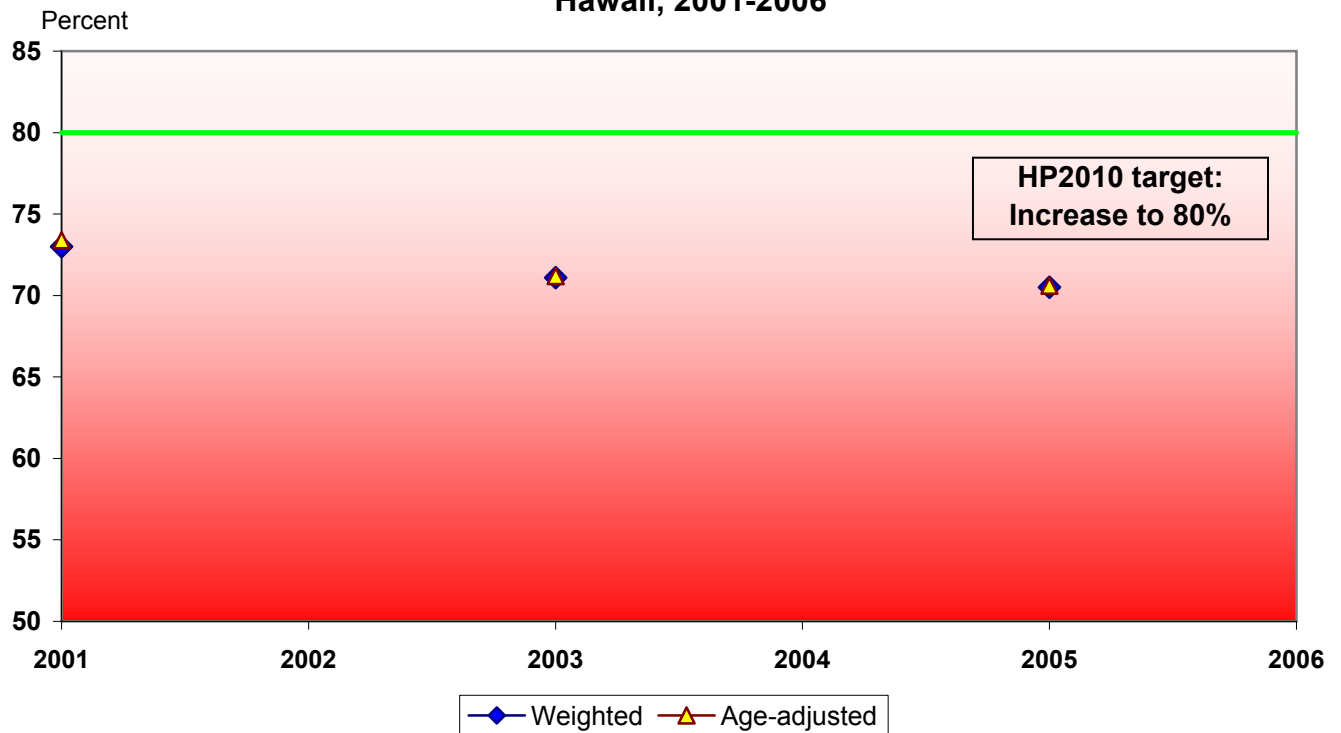


YEAR	2001	2002	2003	2004	2005	2006
Sample size	4500	N/A	4339	N/A	6416	N/A
Blood cholesterol checked within the past 5 years	3365		3205		4820	
Weight percentage 95% C.I.	74.4 (72.6 - 76.1)		71.1 (69.3 - 72.9)		70.5 (68.8 - 72.1)	
Age-adjusted percentage 95% C.I.	73.9 (72.2 - 75.6)		70.2 (68.5 - 71.9)		69.4 (67.9 - 70.9)	
GOAL (%)	80	80	80	80	80	80

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-15/ SUPPLEMENT 1

**Percent of men who had a blood cholesterol checked
within the past 5 years
Hawaii, 2001-2006**

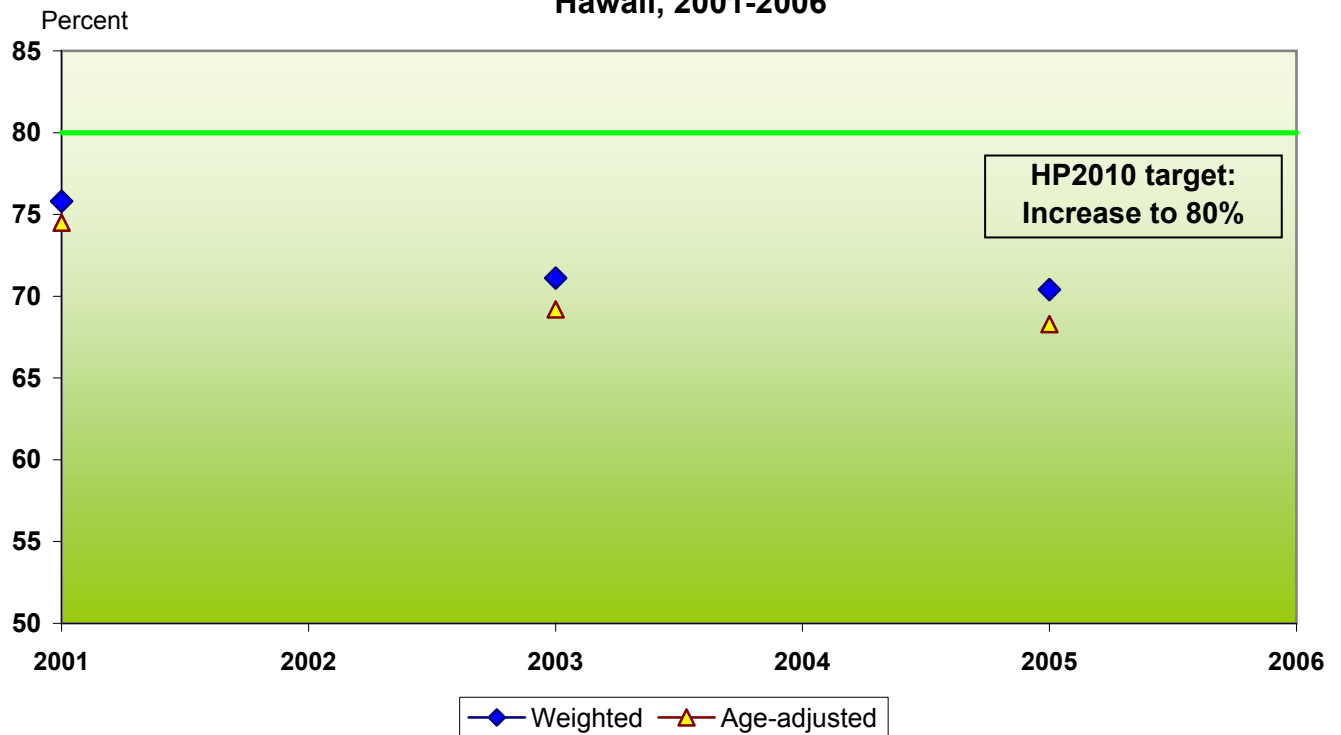


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1937	N/A	1761	N/A	2577	N/A
Blood cholesterol checked within the past 5 years	1412		1290		1931	
Weight percentage 95% C.I.	73.0 (70.3 - 75.6)		71.1 (68.3 - 73.8)		70.5 (67.9 - 73.1)	
Age-adjusted percentage 95% C.I.	73.4 (70.9 - 75.8)		71.2 (68.7 - 73.7)		70.6 (68.2 - 72.8)	
GOAL (%)	80	80	80	80	80	80

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-15/ SUPPLEMENT 2

**Percent of women who had a blood cholesterol checked
within the past 5 years
Hawaii, 2001-2006**

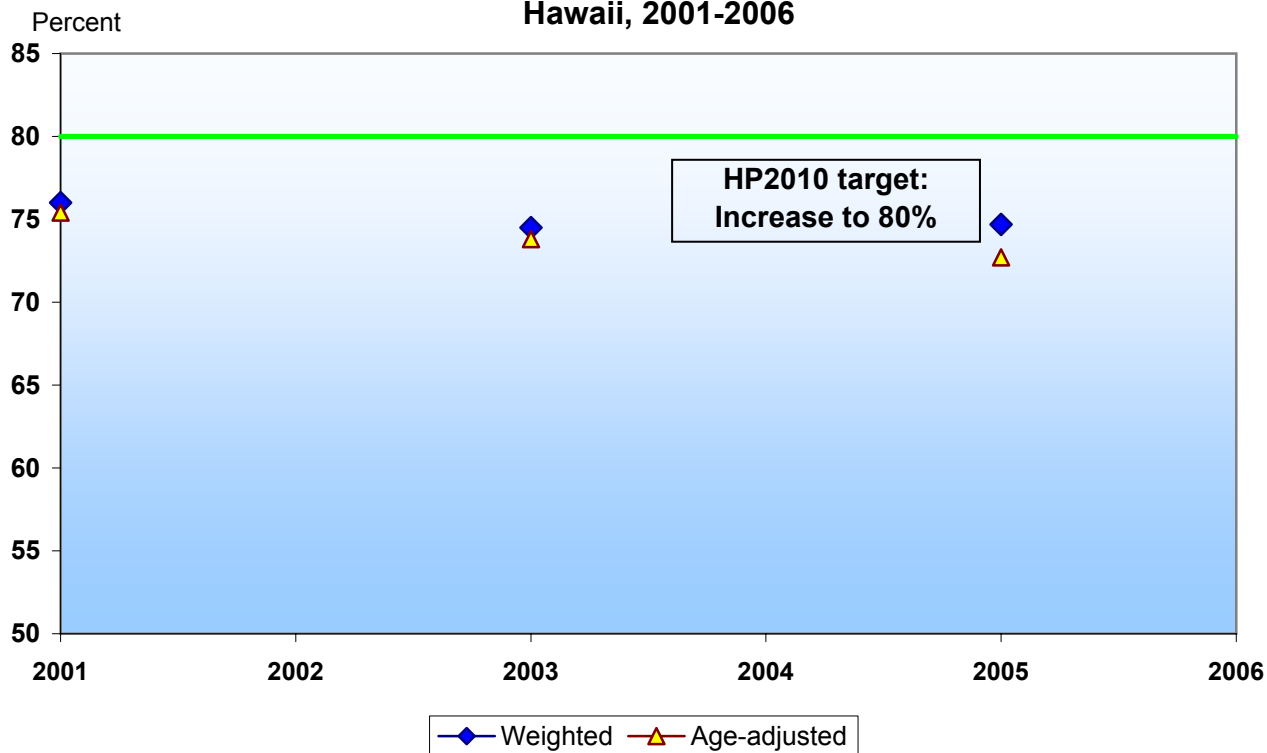


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2563	N/A	2578	N/A	3839	N/A
Blood cholesterol checked within the past 5 years	1953		1915		2889	
Weight percentage 95% C.I.	75.8 (73.4 - 78.0)		71.1 (68.8 - 73.3)		70.4 (68.3 - 72.4)	
Age-adjusted percentage 95% C.I.	74.5 (72.2 - 76.7)		69.2 (67.0 - 71.4)		68.3 (66.3 - 70.2)	
GOAL (%)	80	80	80	80	80	80

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-15/ SUPPLEMENT 3

**Percent of White adults who had a blood cholesterol checked within the past 5 years
Hawaii, 2001-2006**

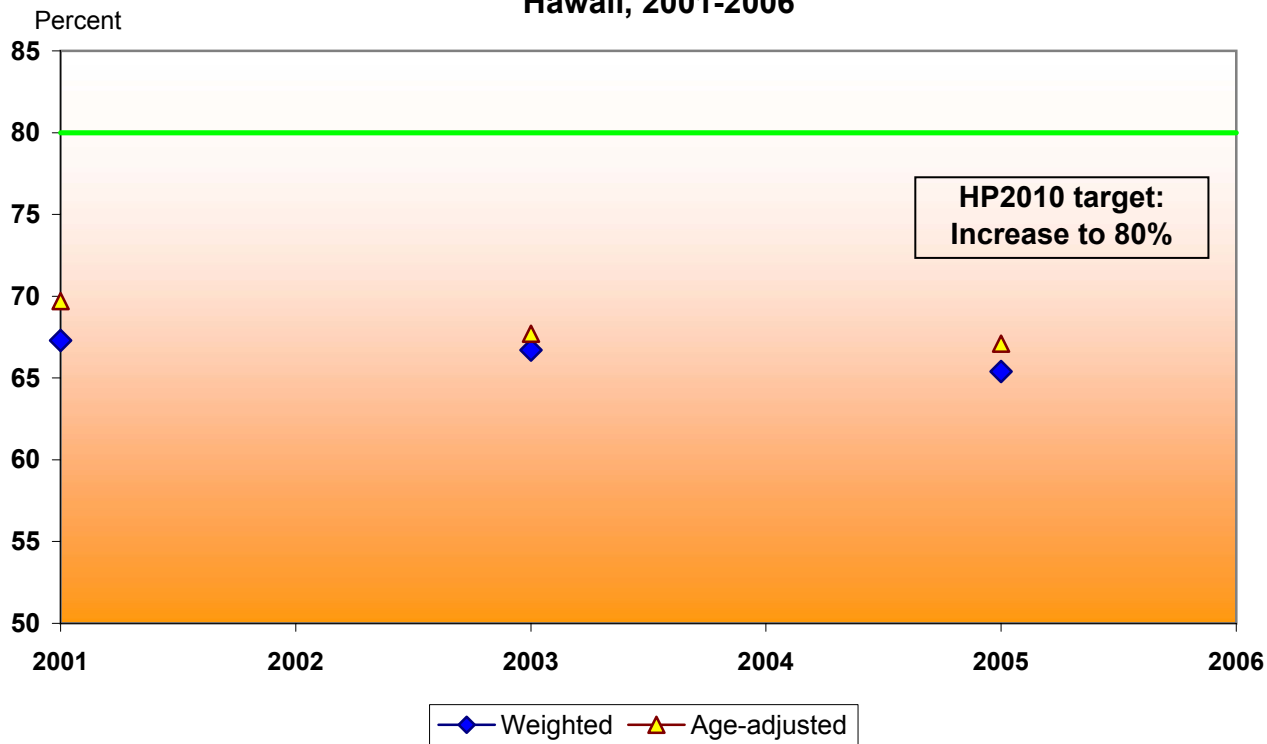


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1857	N/A	1666	N/A	2700	N/A
Blood cholesterol checked within the past 5 years	1398		1280		2084	
Weight percentage 95% C.I.	76.0 (73.2 - 78.5)		74.5 (71.7 - 77.1)		74.7 (72.3 - 77.0)	
Age-adjusted percentage 95% C.I.	75.4 (72.7 - 78.0)		73.8 (71.0 - 76.4)		72.7 (70.2 - 75.1)	
GOAL (%)	80	80	80	80	80	80

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-15/ SUPPLEMENT 4

**Percent of Hawaiians who had a blood cholesterol checked
within the past 5 years
Hawaii, 2001-2006**

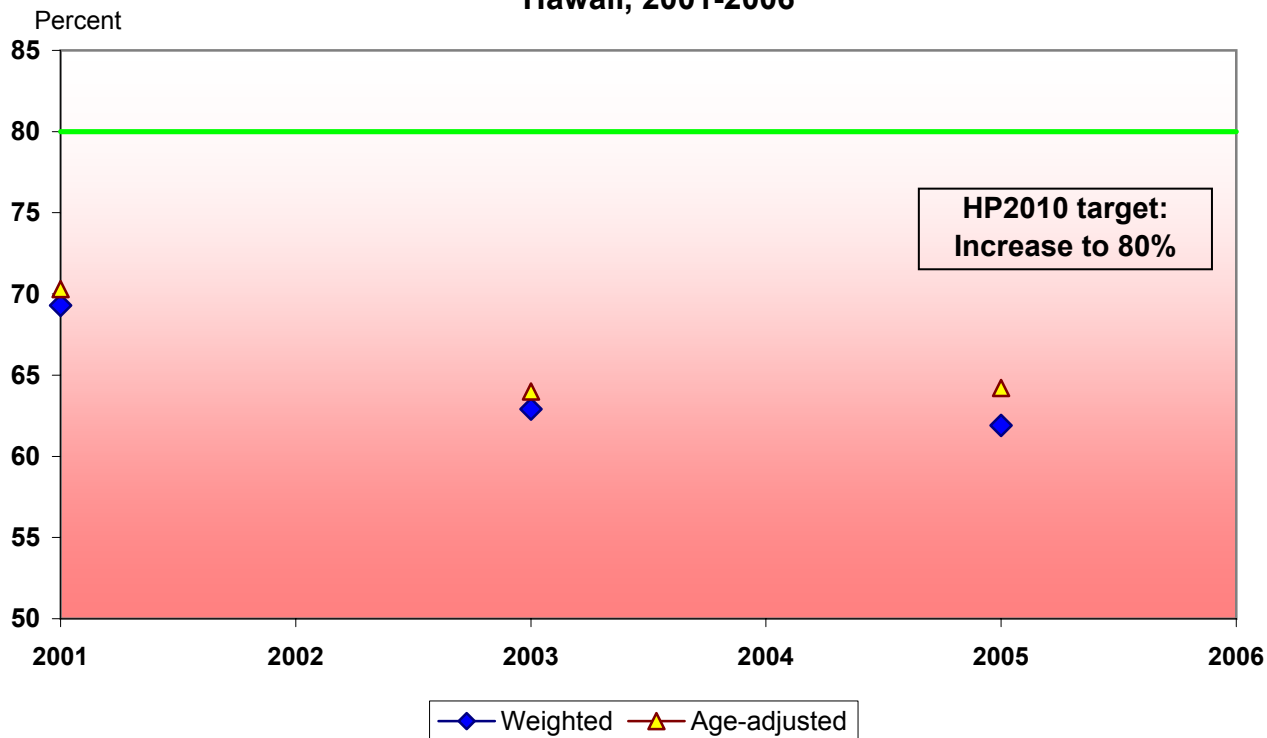


YEAR	2001	2002	2003	2004	2005	2006
Sample size	585	N/A	612	N/A	783	N/A
Blood cholesterol checked within the past 5 years	403		427		549	
Weight percentage 95% C.I.	67.3 (62.0 - 72.3)		66.7 (61.7 - 71.3)		65.4 (60.5 - 70.0)	
Age-adjusted percentage 95% C.I.	69.7 (65.0 - 74.1)		67.7 (63.2 - 71.9)		67.1 (63.0 - 71.0)	
GOAL (%)	80	80	80	80	80	80

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-15/ SUPPLEMENT 5

**Percent of Filipinos who had a blood cholesterol checked within the past 5 years
Hawaii, 2001-2006**

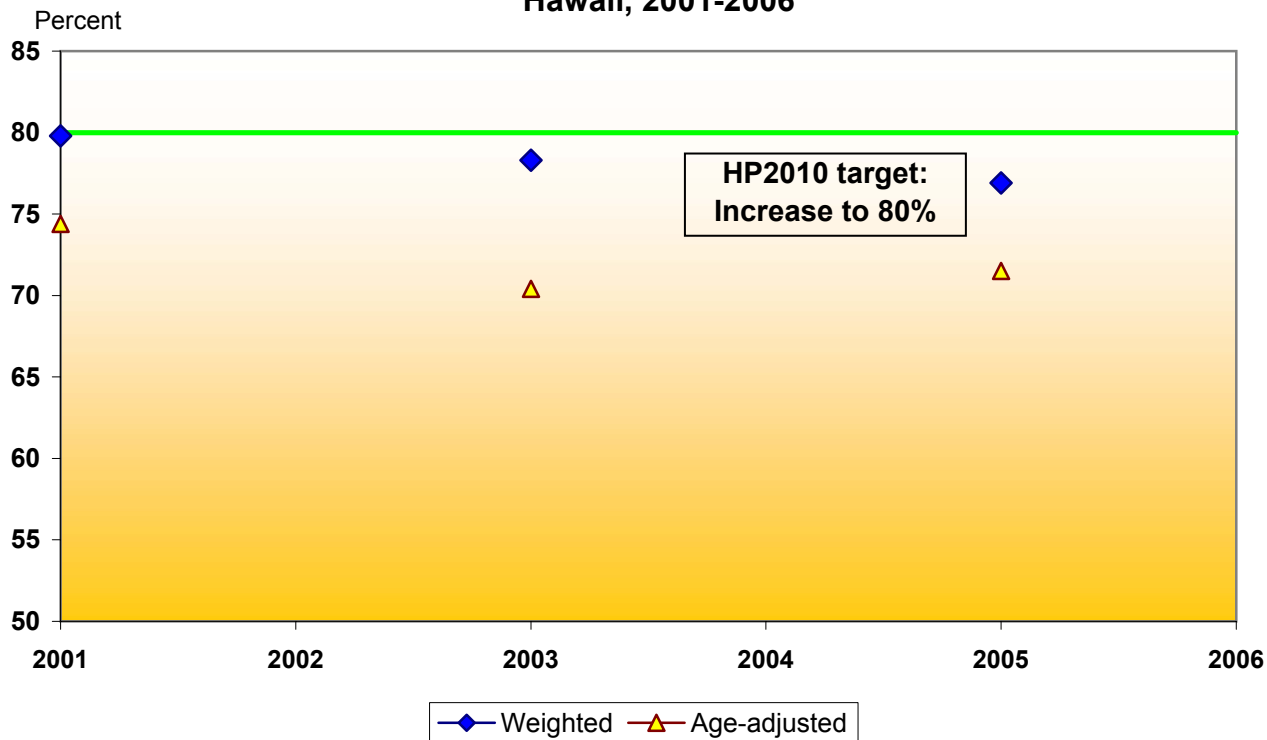


YEAR	2001	2002	2003	2004	2005	2006
Sample size	548	N/A	504	N/A	800	N/A
Blood cholesterol checked within the past 5 years	388		328		546	
Weight percentage 95% C.I.	69.3 (63.5 - 74.5)		62.9 (57.2 - 68.2)		61.9 (56.7 - 66.8)	
Age-adjusted percentage 95% C.I.	70.3 (64.7 - 75.3)		64.0 (59.0 - 68.8)		64.2 (59.9 - 68.3)	
GOAL (%)	80	80	80	80	80	80

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-15/ SUPPLEMENT 6

**Percent of Japanese who had a blood cholesterol checked within the past 5 years
Hawaii, 2001-2006**

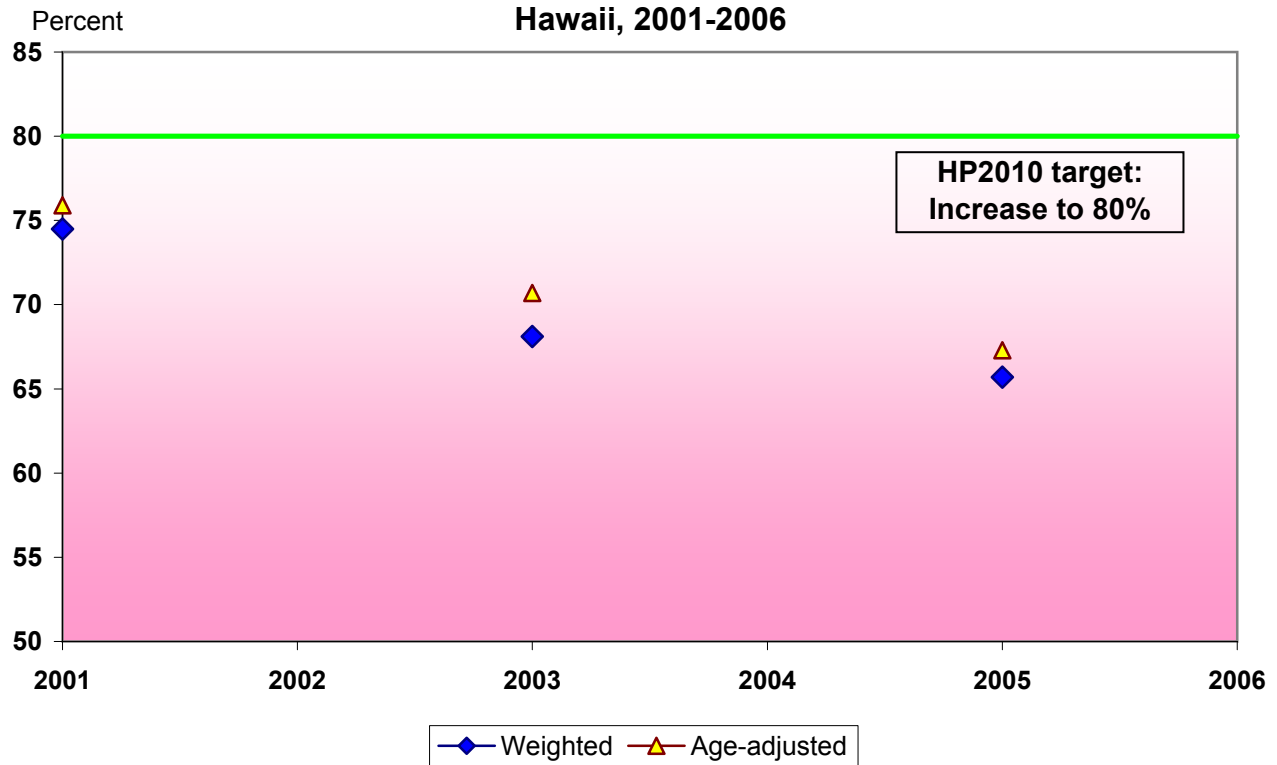


YEAR	2001	2002	2003	2004	2005	2006
Sample size	871	N/A	781	N/A	1290	N/A
Blood cholesterol checked within the past 5 years	694		631		1050	
Weight percentage 95% C.I.	79.8 (76.0 - 83.1)		78.3 (74.1 - 82.0)		76.9 (73.4 - 80.0)	
Age-adjusted percentage 95% C.I.	74.4 (70.3 - 78.1)		70.4 (66.2 - 74.3)		71.5 (67.9 - 74.9)	
GOAL (%)	80	80	80	80	80	80

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-15/ SUPPLEMENT 7

**Percent of adults of other races
who had a blood cholesterol checked within the past 5 years
Hawaii, 2001-2006**

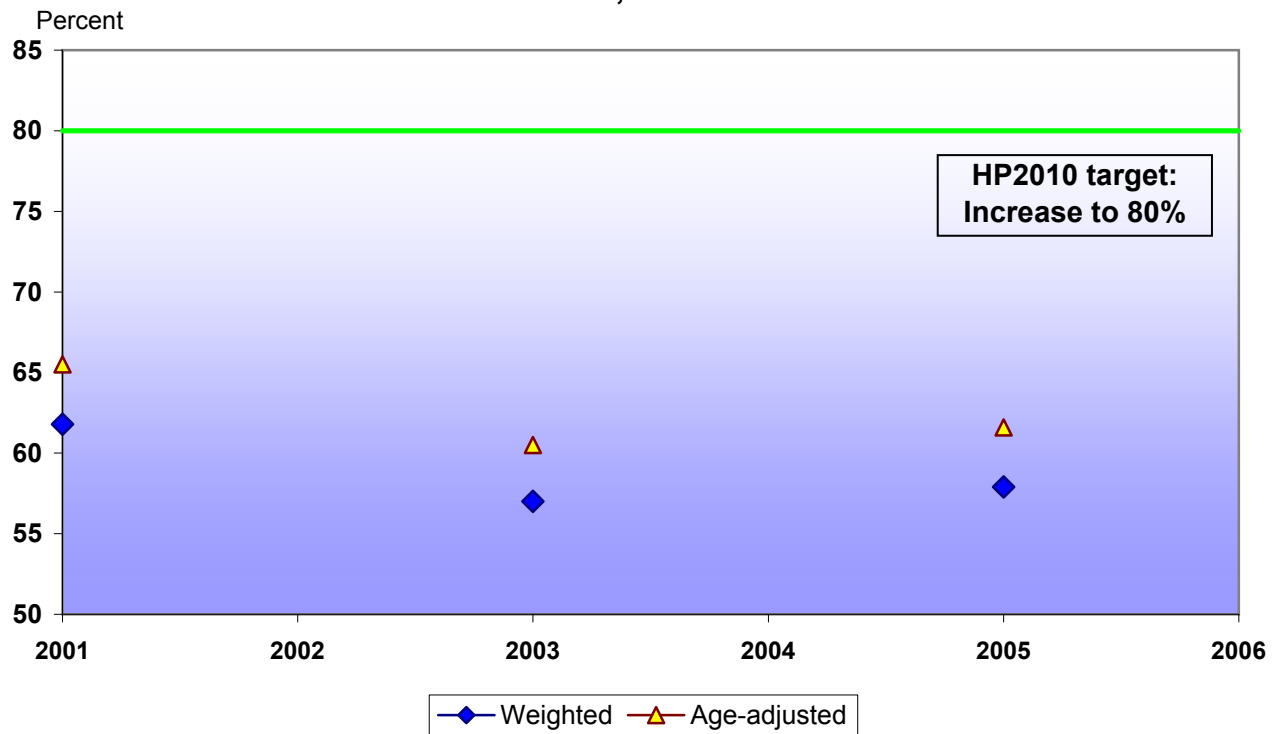


YEAR	2001	2002	2003	2004	2005	2006
Sample size	639	N/A	776	N/A	843	N/A
Blood cholesterol checked within the past 5 years	482		539		591	
Weight percentage 95% C.I.	74.5 (69.7 - 78.8)		68.1 (63.9 - 72.0)		65.7 (61.2 - 70.0)	
Age-adjusted percentage 95% C.I.	75.9 (71.9 - 79.5)		70.7 (67.0 - 74.1)		67.3 (63.2 - 71.2)	
GOAL (%)	80	80	80	80	80	80

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-15/ SUPPLEMENT 8

**Percent of adults, in low income households,
who had a blood cholesterol checked within the past 5 years
Hawaii, 2001-2006**

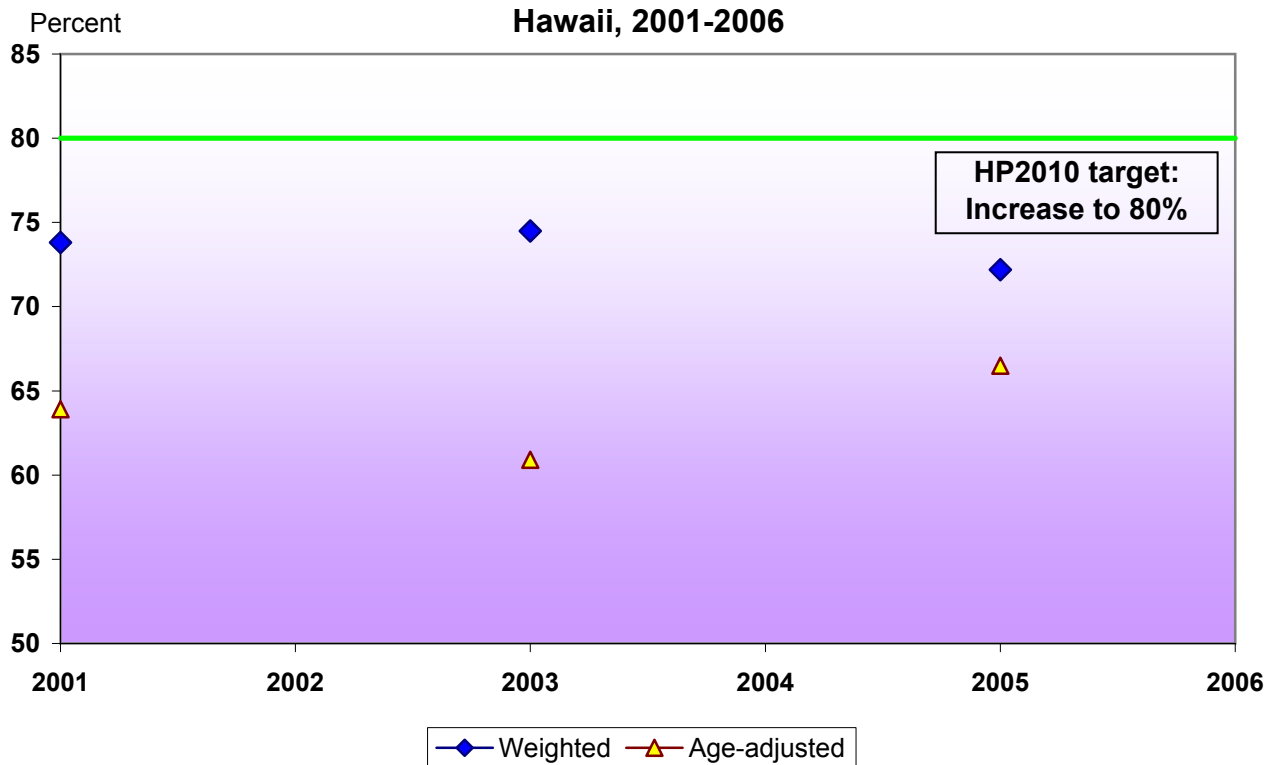


YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	N/A	601	N/A	677	N/A
Blood cholesterol checked within the past 5 years	338		362		422	
Weight percentage 95% C.I.	61.8 (55.6 - 67.7)		57.0 (51.7 - 62.1)		57.9 (52.3 - 63.4)	
Age-adjusted percentage 95% C.I.	65.5 (60.1 - 70.6)		60.5 (55.8 - 64.9)		61.6 (57.0 - 66.0)	
GOAL (%)	80	80	80	80	80	80

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-15/ SUPPLEMENT 9

**Percent of adults, with less education,
who had a blood cholesterol checked within the past 5 years**

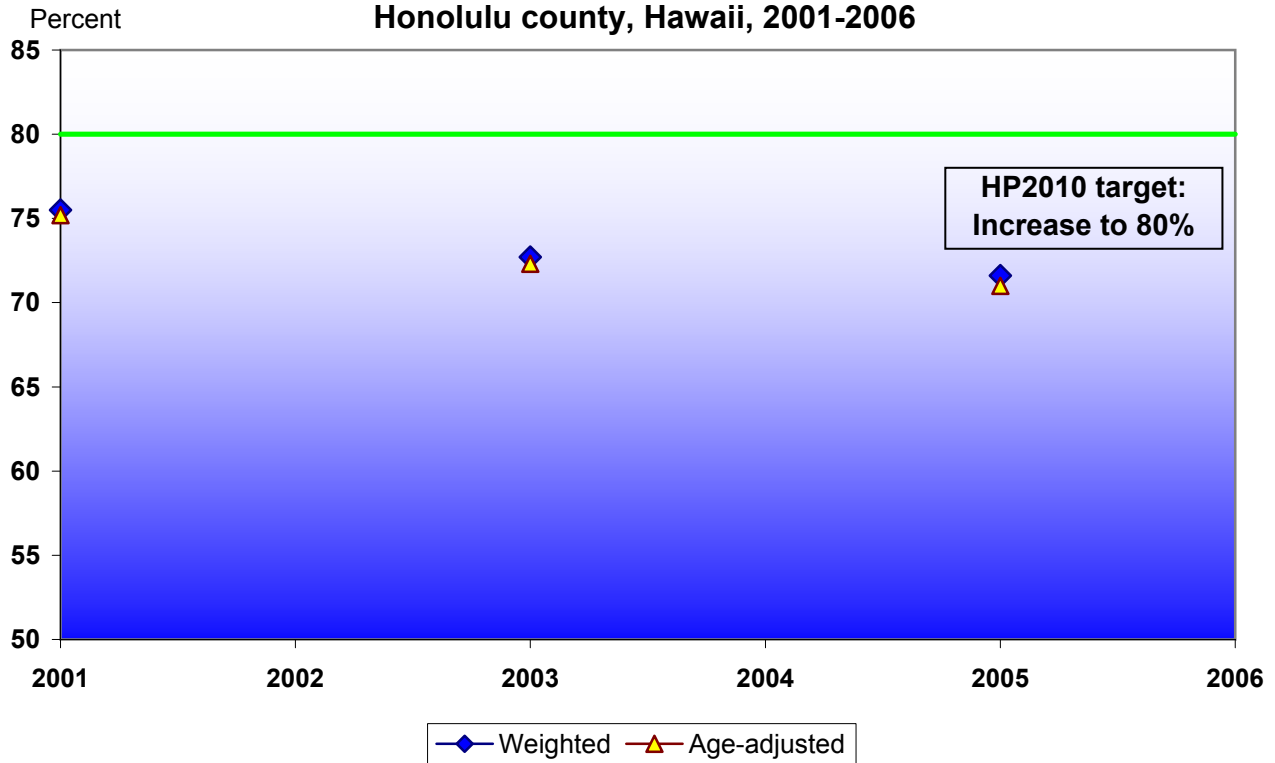


YEAR	2001	2002	2003	2004	2005	2006
Sample size	284	N/A	239	N/A	358	N/A
Blood cholesterol checked within the past 5 years	210		183		262	
Weight percentage 95% C.I.	73.8 (66.0 - 80.4)		74.5 (66.5 - 81.1)		72.2 (64.7 - 78.6)	
Age-adjusted percentage 95% C.I.	63.9 (55.1 - 71.8)		60.9 (51.3 - 69.8)		66.5 (57.6 - 74.4)	
GOAL (%)	80	80	80	80	80	80

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-15/ SUPPLEMENT 10

Percent of adults who had a blood cholesterol checked within the past 5 years

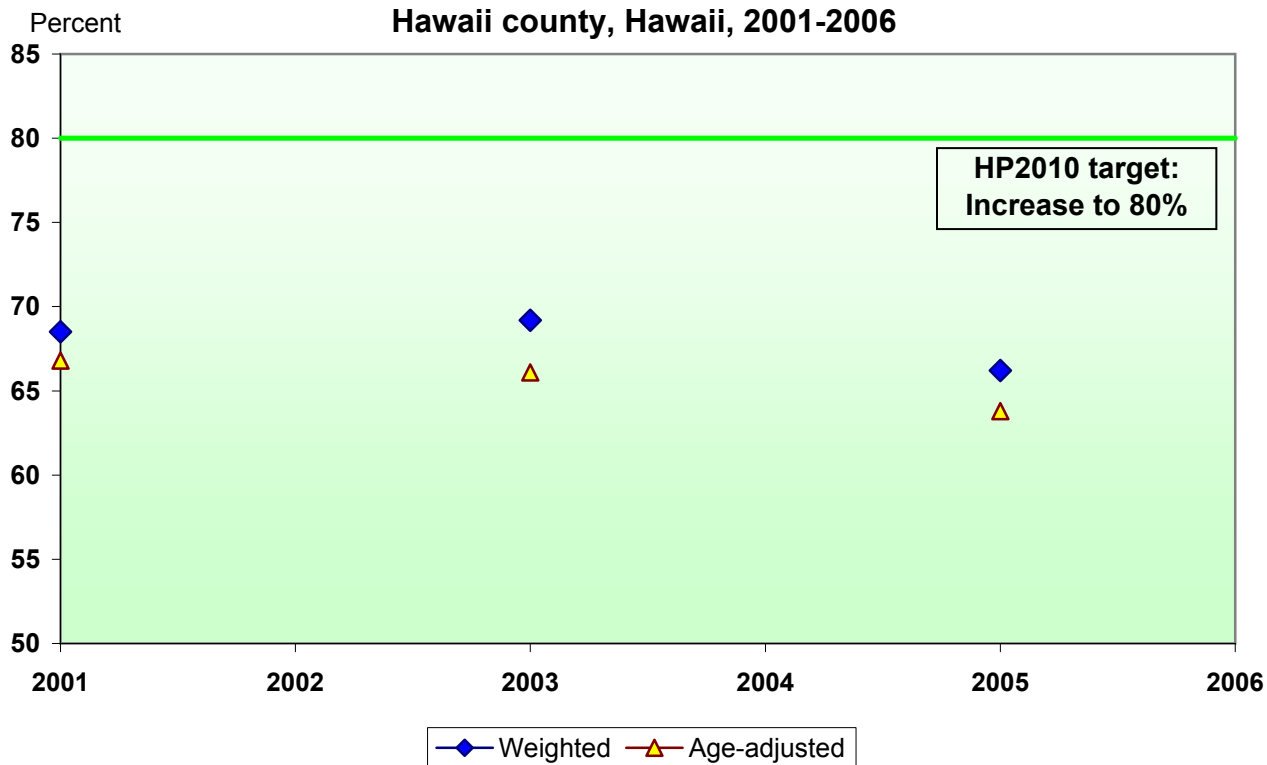


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1920	N/A	2246	N/A	2969	N/A
Blood cholesterol checked within the past 5 years	1465		1685		2274	
Weight percentage 95% C.I.	75.5 (73.1 - 77.7)		72.7 (70.4 - 74.9)		71.6 (69.4 - 73.6)	
Age-adjusted percentage 95% C.I.	75.2 (73.0 - 77.3)		72.3 (70.1 - 74.3)		71.0 (69.0 - 72.9)	
GOAL (%)	80	80	80	80	80	80

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-15/ SUPPLEMENT 11

Percent of adults who had a blood cholesterol checked within the past 5 years

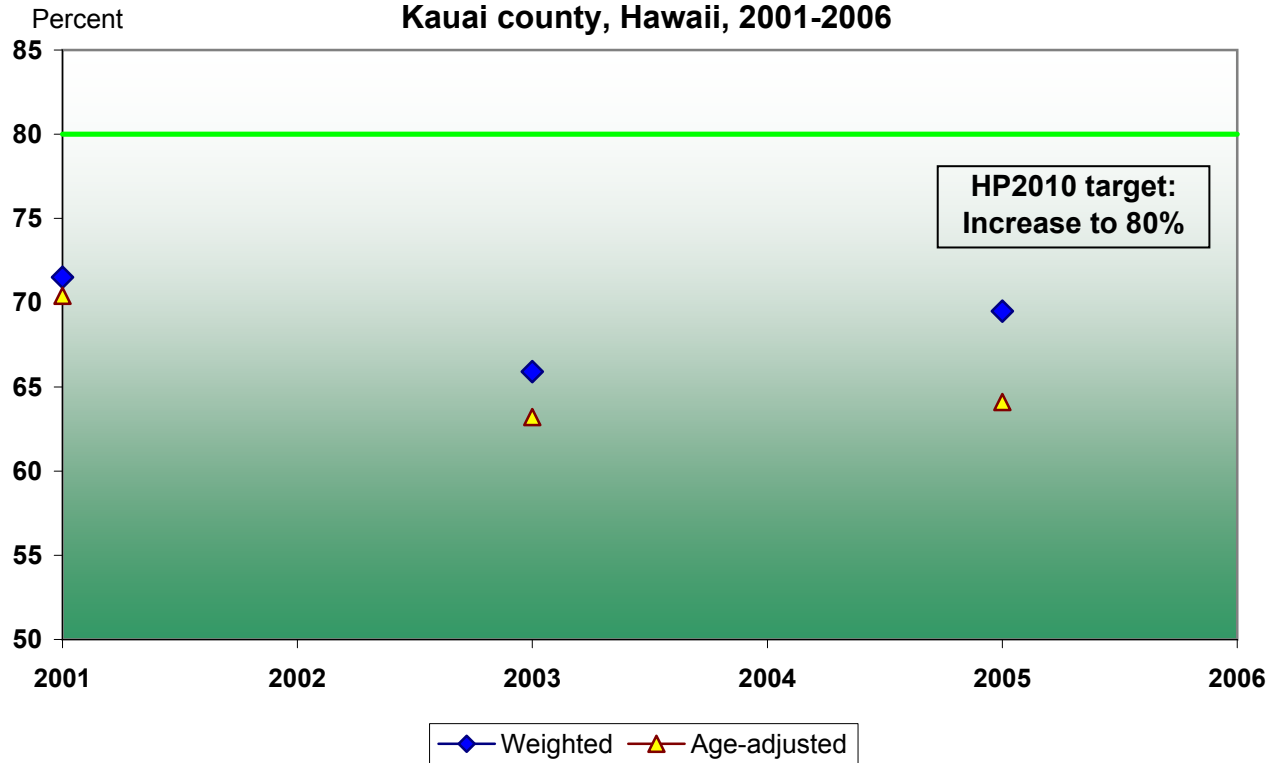


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1020	N/A	972	N/A	1659	N/A
Blood cholesterol checked within the past 5 years	733		714		1229	
Weight percentage 95% C.I.	68.5 (64.8 - 72.0)		69.2 (65.4 - 72.8)		66.2 (62.9 - 69.3)	
Age-adjusted percentage 95% C.I.	66.8 (63.4 - 70.1)		66.1 (62.5 - 69.6)		63.8 (61.0 - 66.5)	
GOAL (%)	80	80	80	80	80	80

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-15/ SUPPLEMENT 12

Percent of adults who had a blood cholesterol checked within the past 5 years

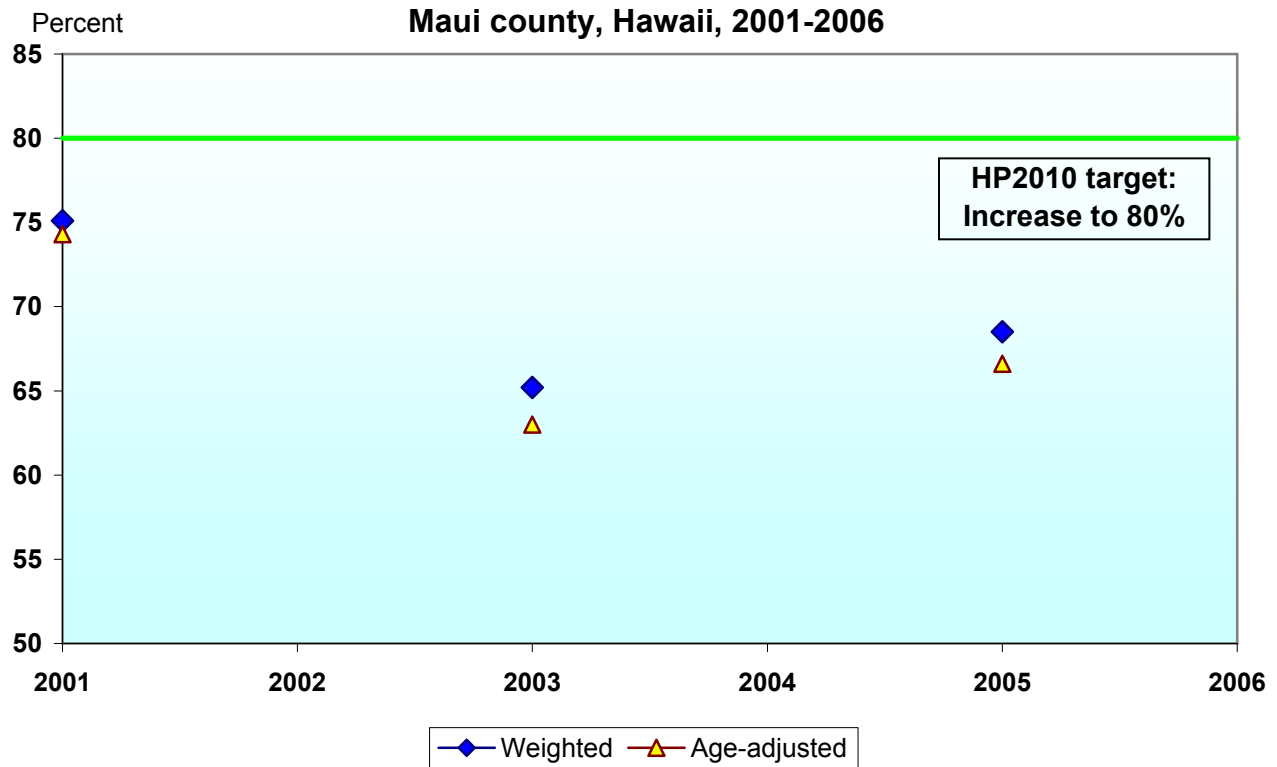


YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	N/A	421	N/A	589	N/A
Blood cholesterol checked within the past 5 years	400		296		439	
Weight percentage 95% C.I.	71.5 (66.7 - 75.8)		65.9 (60.4 - 71.1)		69.5 (64.3 - 74.3)	
Age-adjusted percentage 95% C.I.	70.4 (65.8 - 74.6)		63.2 (57.7 - 68.3)		64.1 (59.2 - 68.8)	
GOAL (%)	80	80	80	80	80	80

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-15/ SUPPLEMENT 13

Percent of adults who had a blood cholesterol checked within the past 5 years

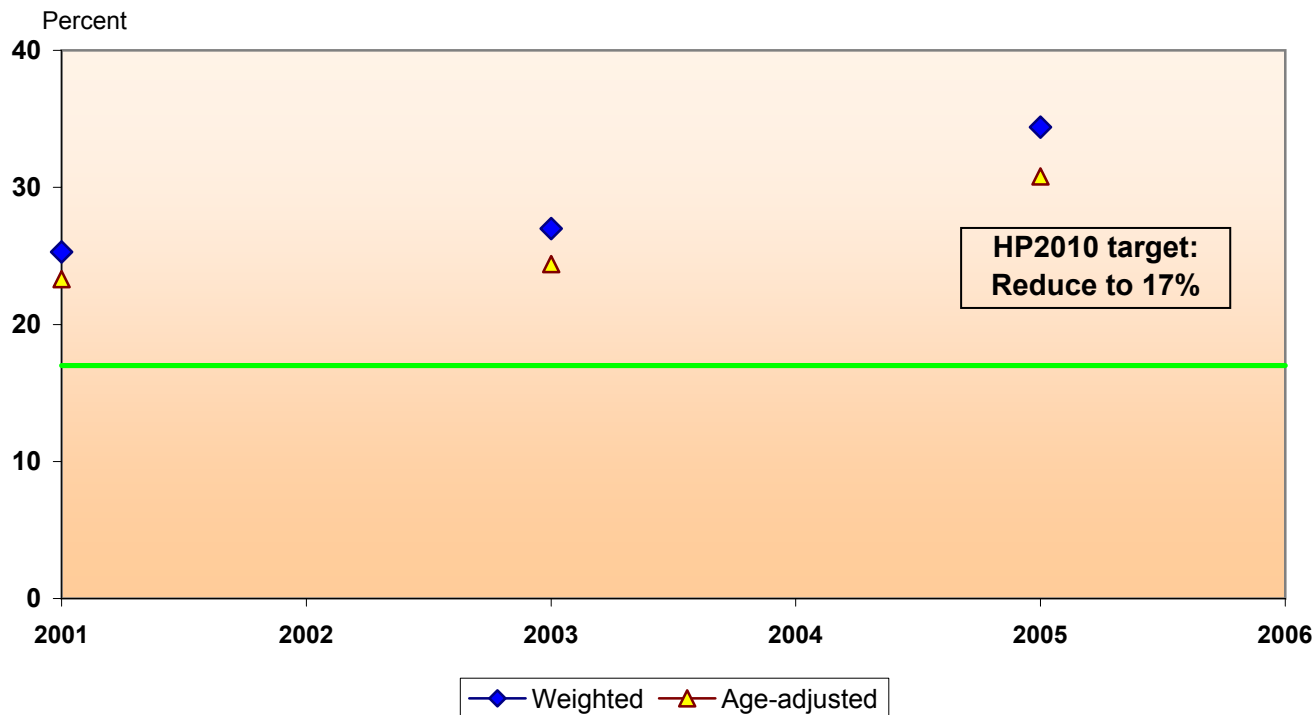


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1011	N/A	700	N/A	1199	N/A
Blood cholesterol checked within the past 5 years	767		510		878	
Weight percentage	75.1		65.2		68.5	
95% C.I.	(71.5 - 78.4)		(60.3 - 69.7)		(64.5 - 72.2)	
Age-adjusted percentage	74.3		63.0		66.6	
95% C.I.	(70.8 - 77.5)		(58.8 - 67.0)		(63.2 - 69.9)	
GOAL (%)	80	80	80	80	80	80

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-14

**Percent of adults, aged 20+,
who have high total blood cholesterol levels
Hawaii, 2001-2006**

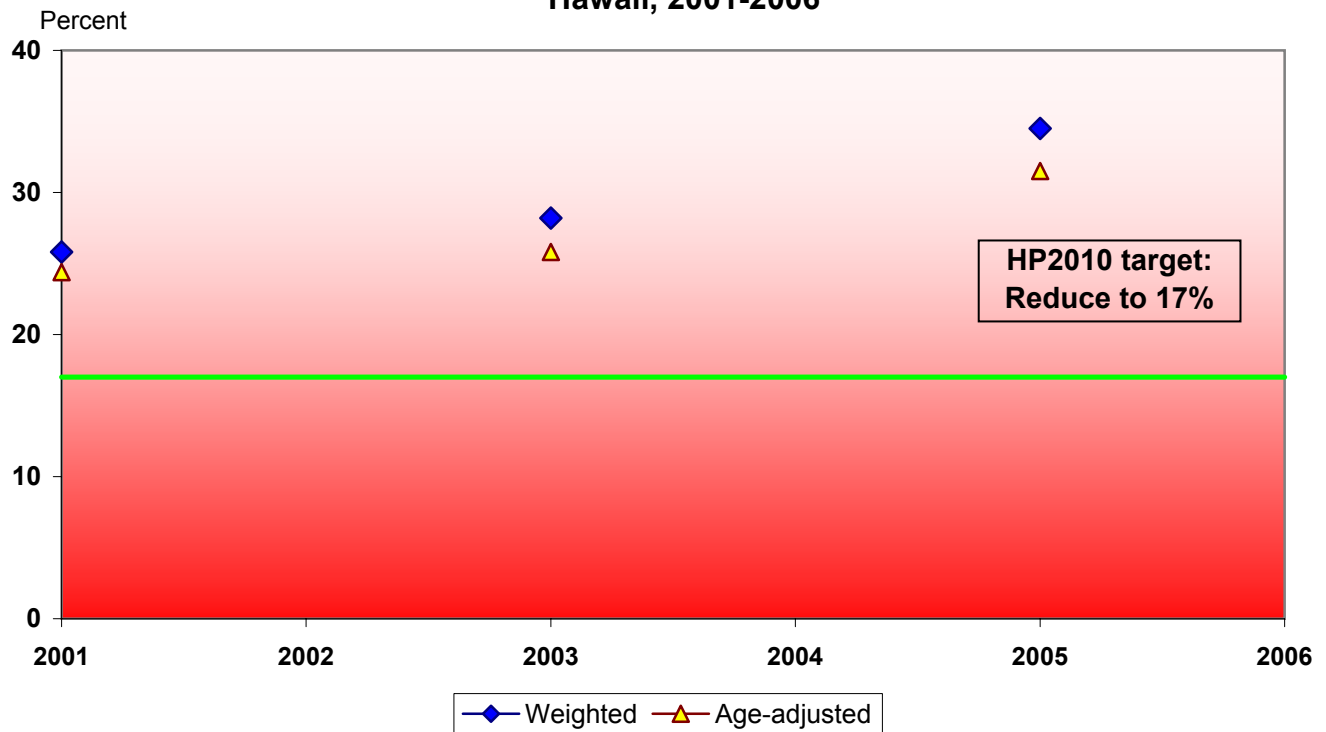


YEAR	2001	2002	2003	2004	2005	2006
Sample size	3491	N/A	3320	N/A	5119	N/A
Have high total blood cholesterol levels	883		953		1867	
Weight percentage	25.3		27.0		34.4	
95% C.I.	(23.4 - 27.3)		(25.2 - 29.0)		(32.6 - 36.1)	
Age-adjusted percentage	23.3		24.4		30.8	
95% C.I.	(21.5 - 25.2)		(22.7 - 26.3)		(29.1 - 32.6)	
GOAL (%)	17	17	17	17	17	17

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-14/ SUPPLEMENT 1

**Percent of men, aged 20+,
who have high total blood cholesterol levels
Hawaii, 2001-2006**

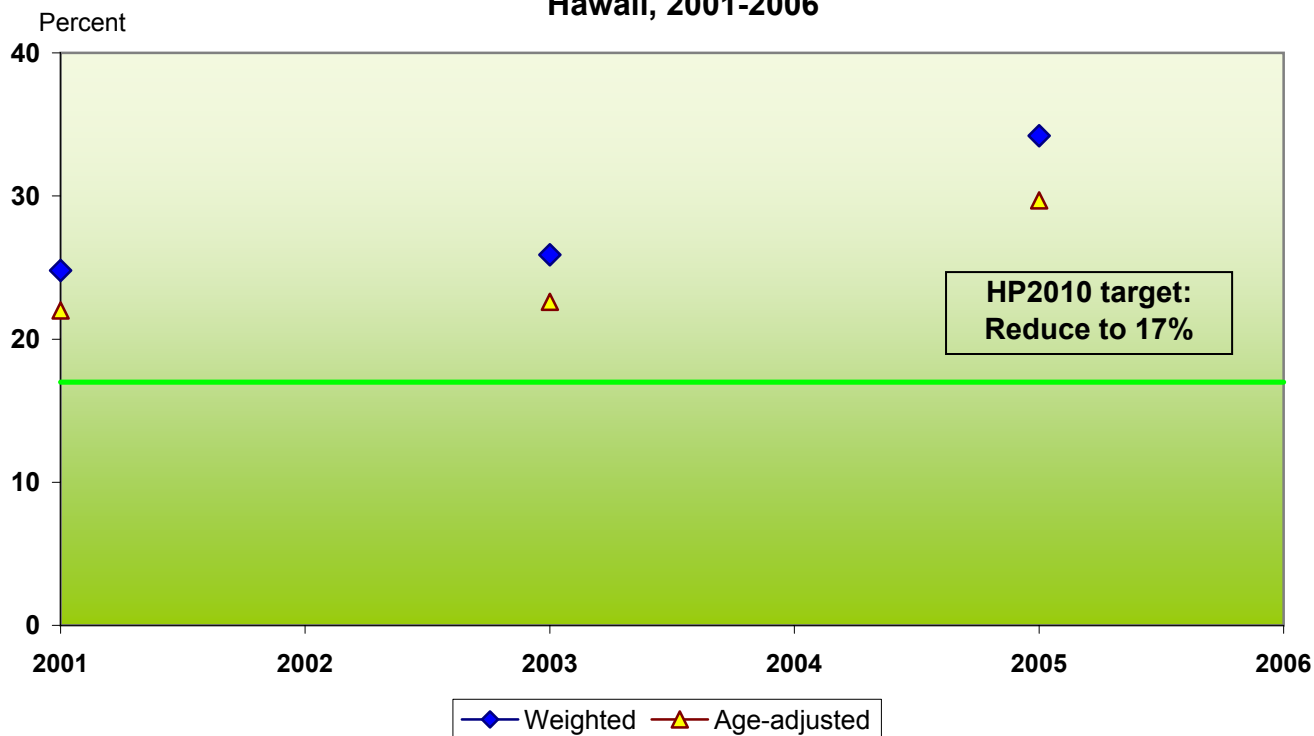


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1480	N/A	1343	N/A	2058	N/A
Have high total blood cholesterol levels	378		422		766	
Weight percentage	25.8		28.2		34.5	
95% C.I.	(22.9 - 28.9)		(25.3 - 31.2)		(31.9 - 37.3)	
Age-adjusted percentage	24.4		25.8		31.5	
95% C.I.	(21.7 - 27.3)		(23.2 - 28.6)		(28.9 - 34.2)	
GOAL (%)	17	17	17	17	17	17

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-14/ SUPPLEMENT 2

**Percent of women, aged 20+,
who have high total blood cholesterol levels
Hawaii, 2001-2006**

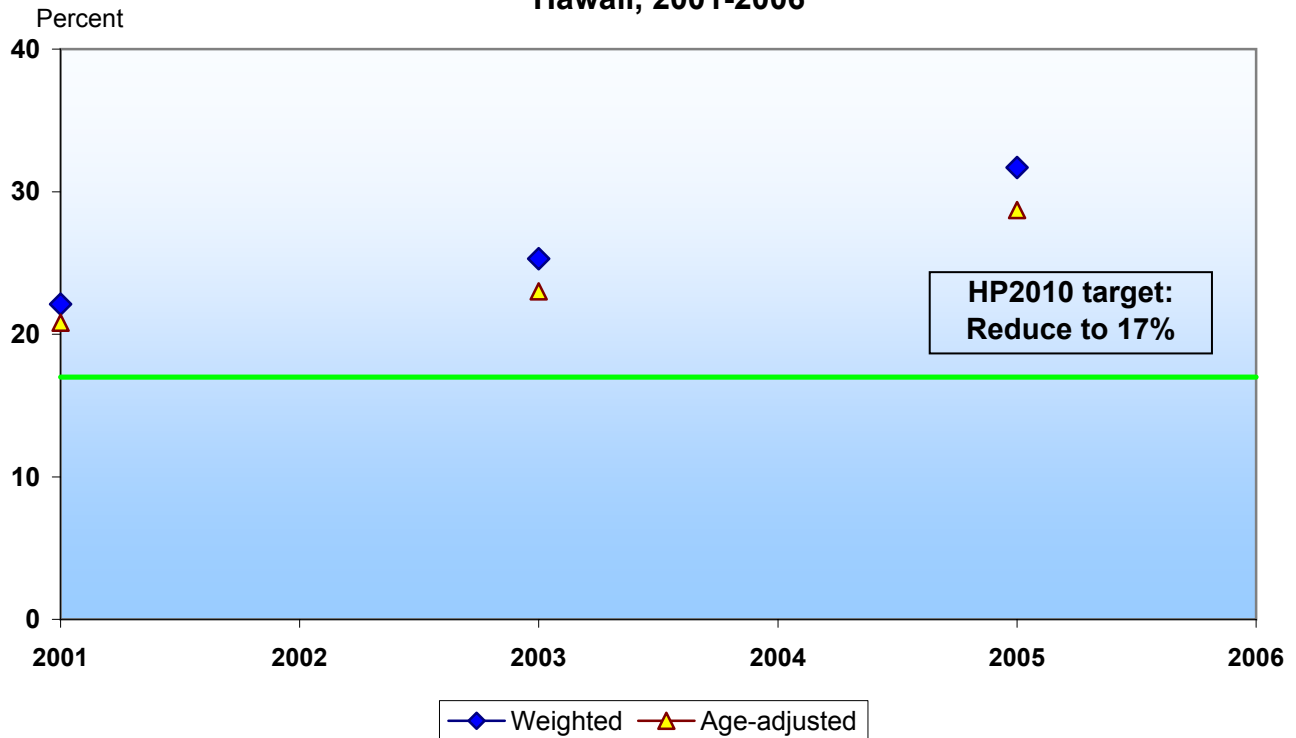


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2011	N/A	1977	N/A	3061	N/A
Have high total blood cholesterol levels	505		531		1101	
Weight percentage	24.8		25.9		34.2	
95% C.I.	(22.3 - 27.4)		(23.6 - 28.3)		(32.0 - 36.4)	
Age-adjusted percentage	22.0		22.6		29.7	
95% C.I.	(19.7 - 24.5)		(20.4 - 24.9)		(27.5 - 32.0)	
GOAL (%)	17	17	17	17	17	17

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-14/ SUPPLEMENT 3

**Percent of White adults, aged 20+,
who have high total blood cholesterol levels
Hawaii, 2001-2006**

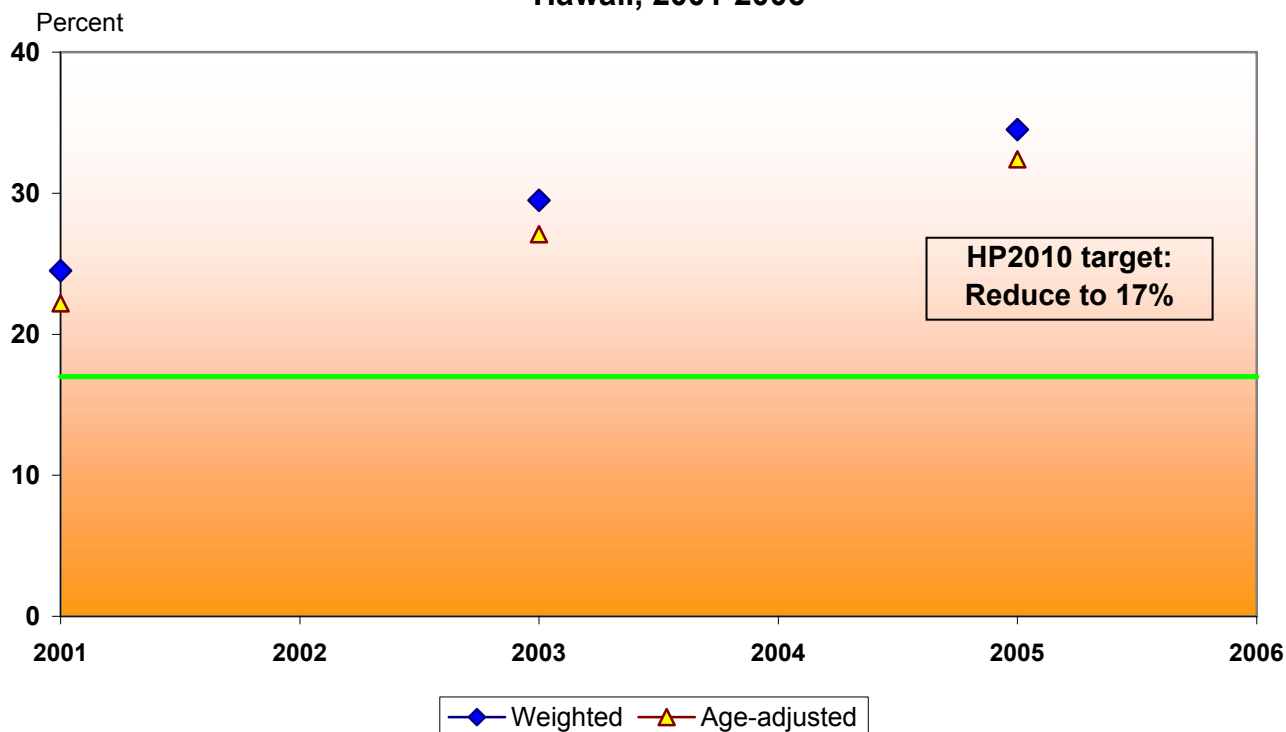


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1476	N/A	1337	N/A	2245	N/A
Have high total blood cholesterol levels	346		375		774	
Weight percentage	22.1		25.3		31.7	
95% C.I.	(19.4 - 24.9)		(22.6 - 28.3)		(29.2 - 34.3)	
Age-adjusted percentage	20.8		23.0		28.7	
95% C.I.	(18.2 - 23.7)		(20.5 - 25.8)		(26.1 - 31.4)	
GOAL (%)	17	17	17	17	17	17

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-14/ SUPPLEMENT 4

**Percent of Hawaiians, aged 20+,
who have high total blood cholesterol levels
Hawaii, 2001-2006**

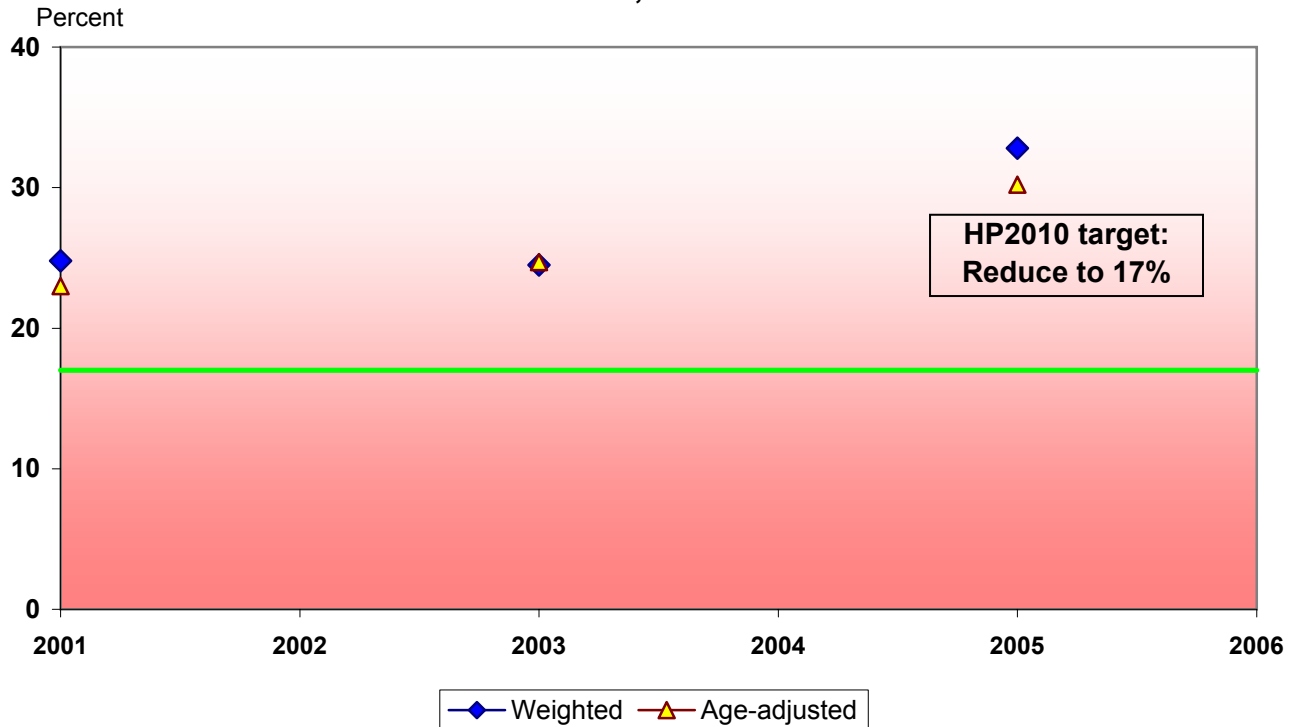


YEAR	2001	2002	2003	2004	2005	2006
Sample size	407	N/A	446	N/A	578	N/A
Have high total blood cholesterol levels	98		131		209	
Weight percentage	24.5		29.5		34.5	
95% C.I.	(19.2 - 30.8)		(24.5 - 35.1)		(29.3 - 40.1)	
Age-adjusted percentage	22.2		27.1		32.4	
95% C.I.	(17.7 - 27.5)		(22.5 - 32.3)		(27.6 - 37.6)	
GOAL (%)	17	17	17	17	17	17

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-14/ SUPPLEMENT 5

**Percent of Filipinos, aged 20+,
who have high total blood cholesterol levels
Hawaii, 2001-2006**

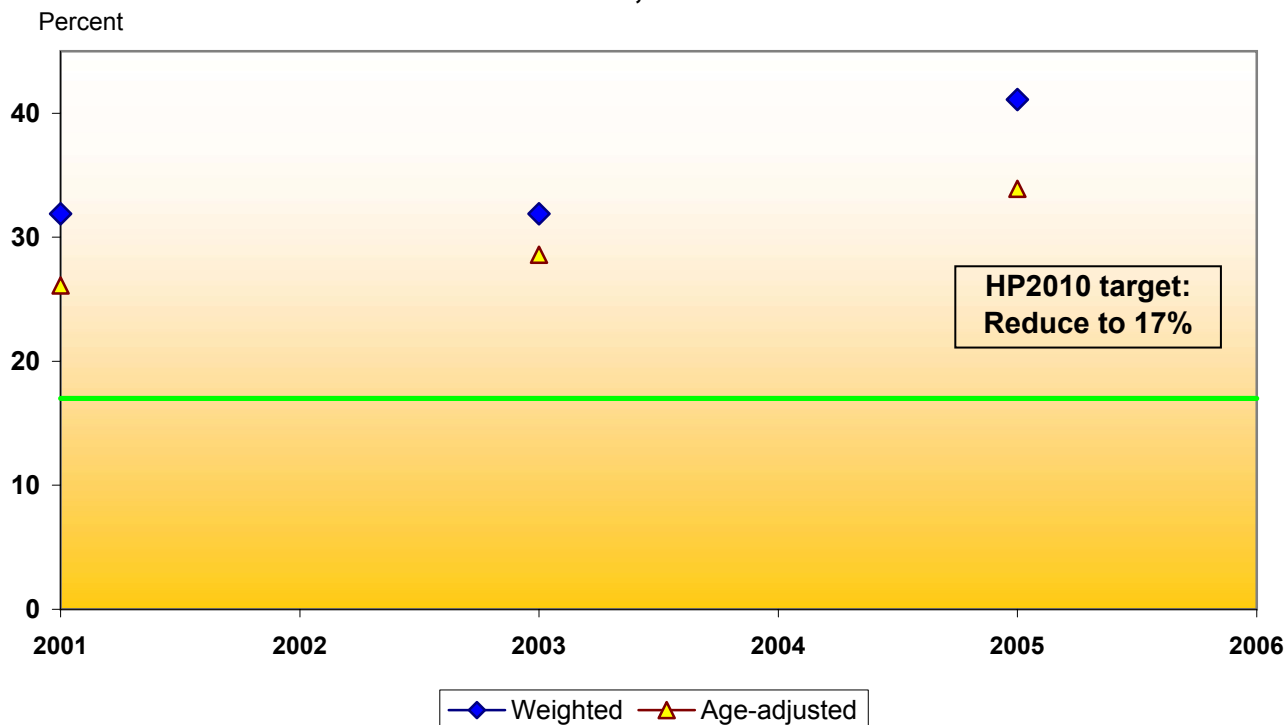


YEAR	2001	2002	2003	2004	2005	2006
Sample size	398	N/A	336	N/A	570	N/A
Have high total blood cholesterol levels	94		89		202	
Weight percentage	24.8		24.5		32.8	
95% C.I.	(18.9 - 31.8)		(19.2 - 30.7)		(27.6 - 38.5)	
Age-adjusted percentage	23.0		24.7		30.2	
95% C.I.	(17.7 - 29.4)		(19.4 - 30.9)		(24.8 - 36.1)	
GOAL (%)	17	17	17	17	17	17

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-14/ SUPPLEMENT 6

**Percent of Japanese, aged 20+,
who have high total blood cholesterol levels
Hawaii, 2001-2006**

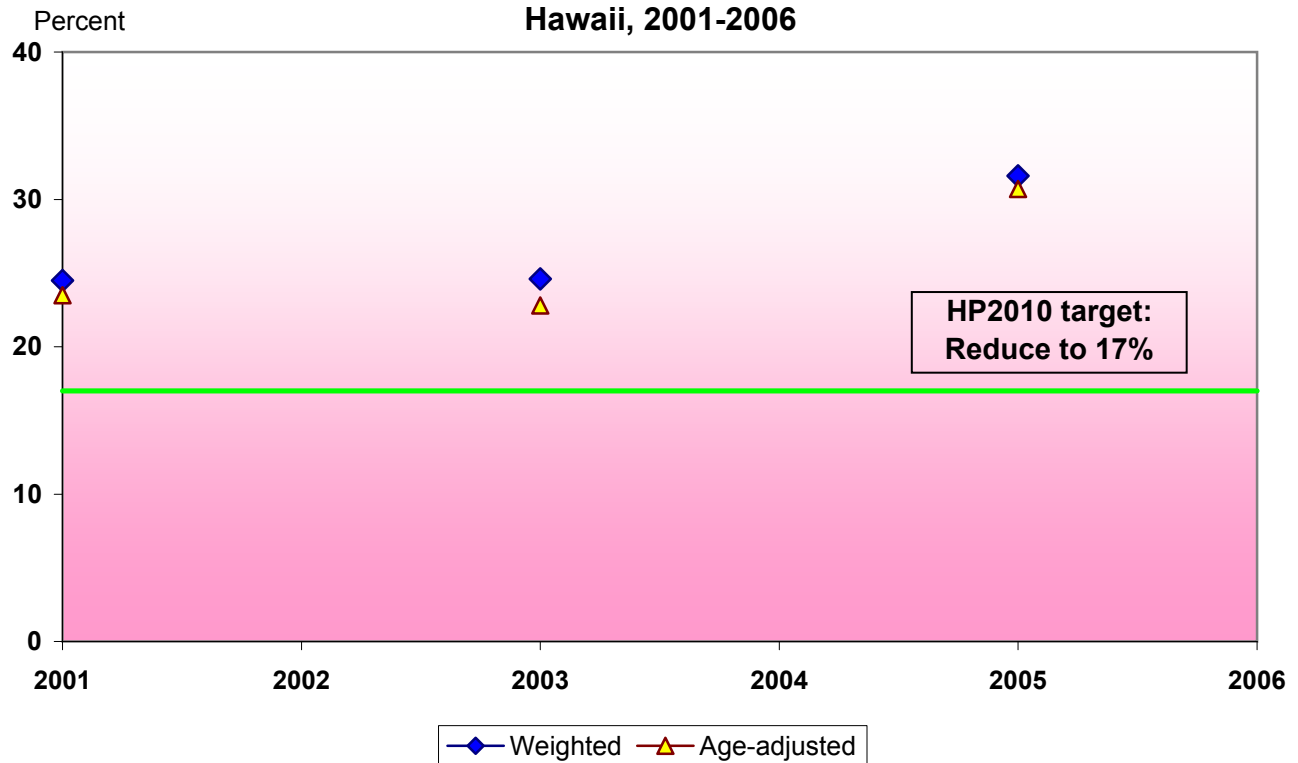


YEAR	2001	2002	2003	2004	2005	2006
Sample size	719	N/A	649	N/A	1103	N/A
Have high total blood cholesterol levels	228		216		477	
Weight percentage	31.9		31.9		41.1	
95% C.I.	(27.6 - 36.4)		(27.6 - 36.5)		(37.6 - 44.8)	
Age-adjusted percentage	26.1		28.6		33.9	
95% C.I.	(22.3 - 30.3)		(23.6 - 34.1)		(29.9 - 38.2)	
GOAL (%)	17	17	17	17	17	17

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-14/ SUPPLEMENT 7

**Percent of adults of other races, aged 20+,
who have high total blood cholesterol levels
Hawaii, 2001-2006**

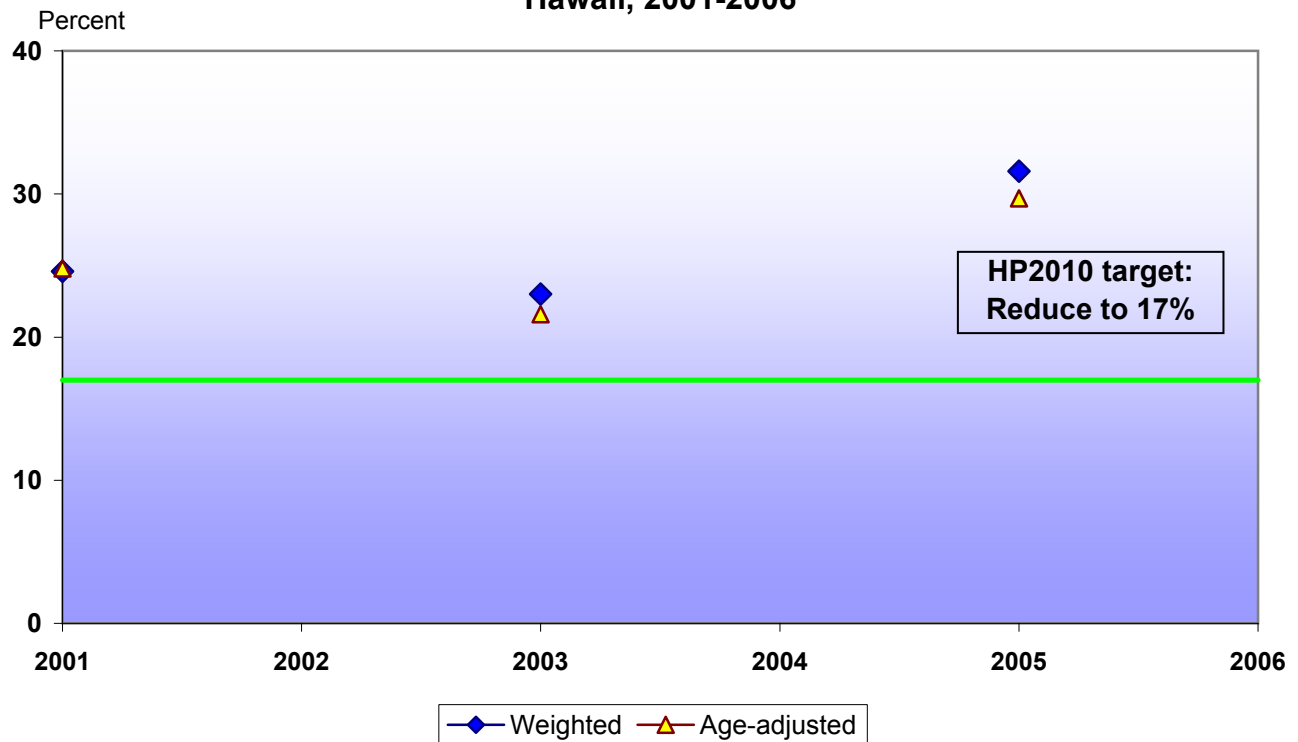


YEAR	2001	2002	2003	2004	2005	2006
Sample size	491	N/A	552	N/A	623	N/A
Have high total blood cholesterol levels	117		142		205	
Weight percentage	24.5		24.6		31.6	
95% C.I.	(19.8 - 29.8)		(20.6 - 29.1)		(27.3 - 36.2)	
Age-adjusted percentage	23.5		22.8		30.7	
95% C.I.	(19.4 - 28.2)		(19.1 - 26.8)		(26.5 - 35.2)	
GOAL (%)	17	17	17	17	17	17

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-14/ SUPPLEMENT 8

**Percent of adults, aged 20+, in low income households,
who have high total blood cholesterol levels
Hawaii, 2001-2006**

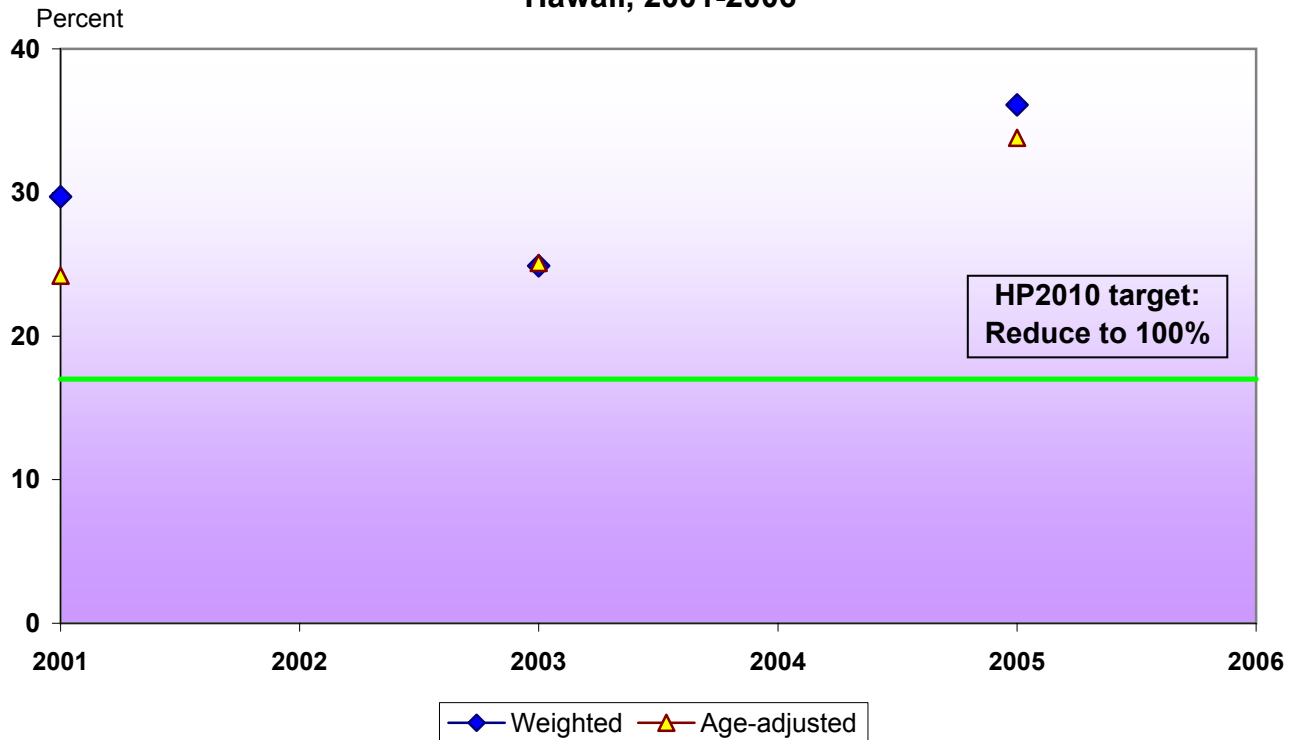


YEAR	2001	2002	2003	2004	2005	2006
Sample size	345	N/A	372	N/A	442	N/A
Have high total blood cholesterol levels	91		104		162	
Weight percentage	24.6		23.0		31.6	
95% C.I.	(18.7 - 31.5)		(18.2 - 28.6)		(25.9 - 38.0)	
Age-adjusted percentage	24.8		21.6		29.7	
95% C.I.	(19.0 - 31.7)		(17.2 - 26.7)		(23.8 - 36.3)	
GOAL (%)	17	17	17	17	17	17

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-14/ SUPPLEMENT 9

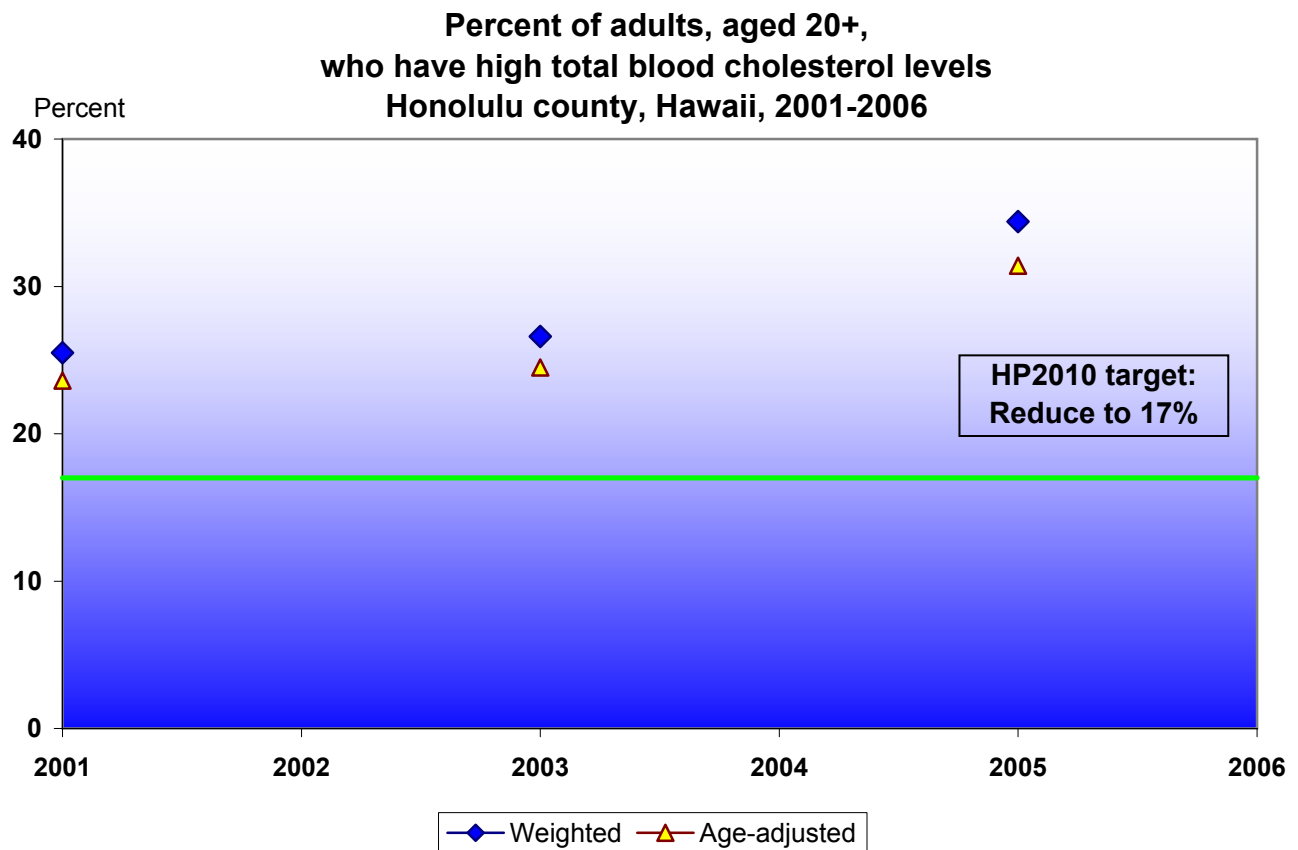
**Percent of adults with less education
who have high total blood cholesterol levels
Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	222	N/A	185	N/A	276	N/A
Have high total blood cholesterol levels	71		50		113	
Weight percentage	29.7		24.9		36.1	
95% C.I.	(22.2 - 38.6)		(18.0 - 33.4)		(28.4 - 44.5)	
Age-adjusted percentage	24.2		25.1		33.8	
95% C.I.	(16.7 - 33.6)		(16.8 - 35.8)		(24.3 - 44.7)	
GOAL (%)	17	17	17	17	17	17

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

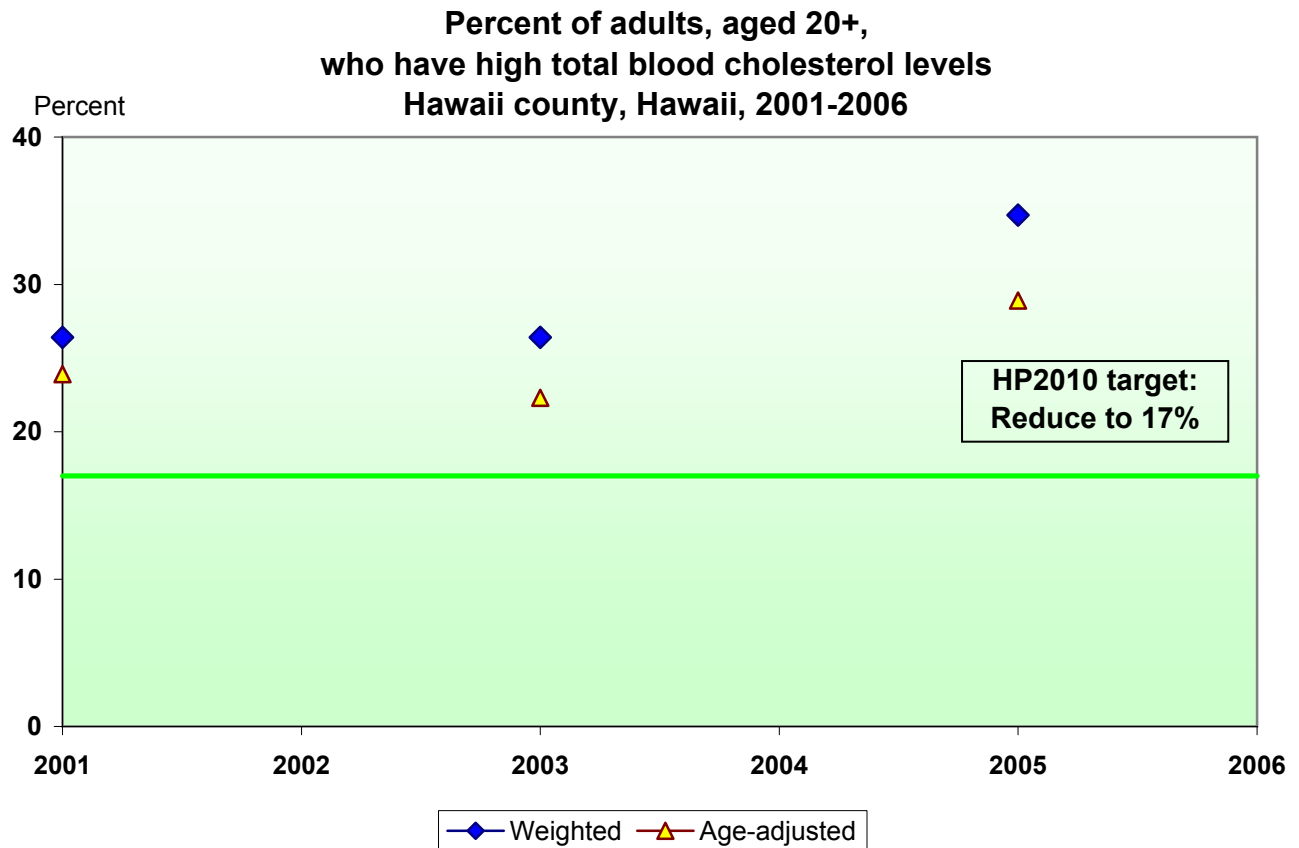
OBJECTIVE 12-14/ SUPPLEMENT 10



YEAR	2001	2002	2003	2004	2005	2006
Sample size	1512	N/A	1727	N/A	2403	N/A
Have high total blood cholesterol levels	380		475		884	
Weight percentage	25.5		26.6		34.4	
95% C.I.	(23.0 - 28.1)		(24.3 - 29.0)		(32.2 - 36.7)	
Age-adjusted percentage	23.6		24.5		31.4	
95% C.I.	(21.3 - 26.1)		(22.3 - 26.9)		(29.3 - 33.7)	
GOAL (%)	17	17	17	17	17	17

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-14/ SUPPLEMENT 11

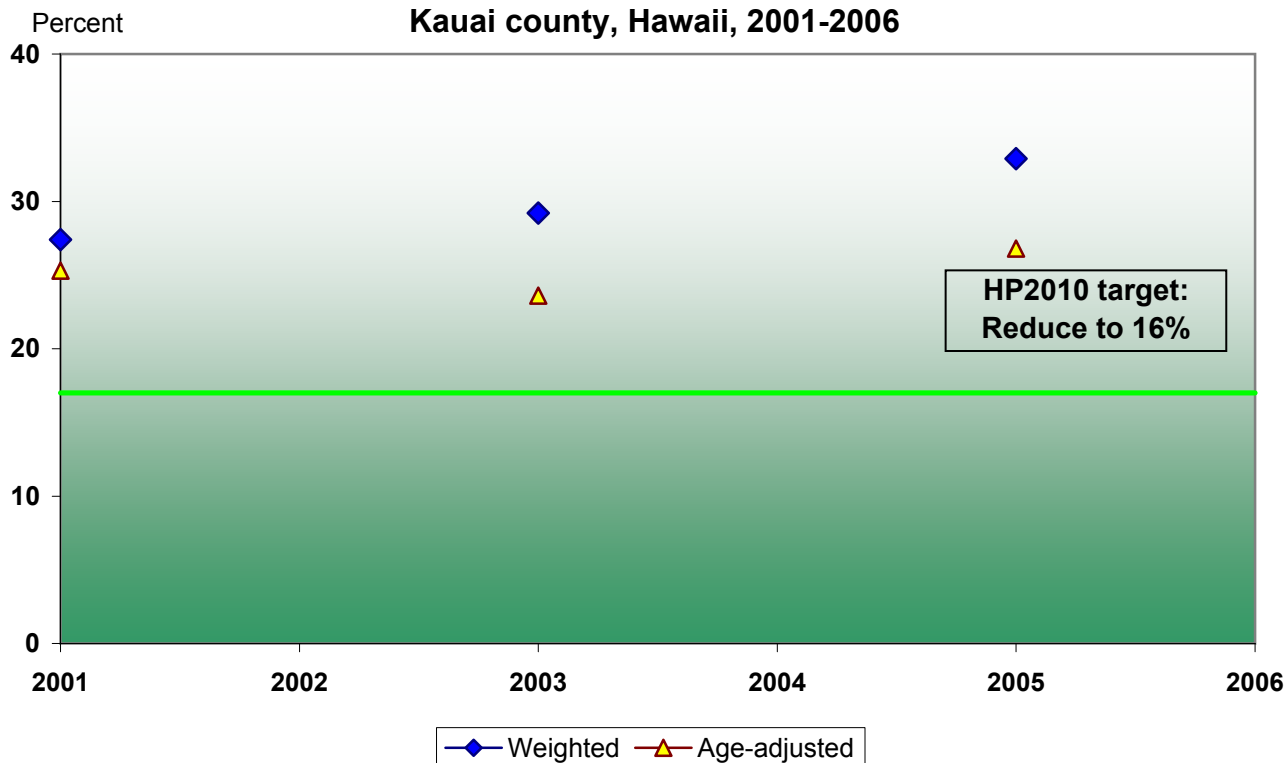


YEAR	2001	2002	2003	2004	2005	2006
Sample size	773	N/A	751	N/A	1317	N/A
Have high total blood cholesterol levels	205		217		471	
Weight percentage	26.4		26.4		34.7	
95% C.I.	(23.1 - 30.0)		(23.0 - 30.1)		(31.7 - 37.8)	
Age-adjusted percentage	23.9		22.3		28.9	
95% C.I.	(20.6 - 27.5)		(19.1 - 25.8)		(26.1 - 31.9)	
GOAL (%)	17	17	17	17	17	17

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-14/ SUPPLEMENT 12

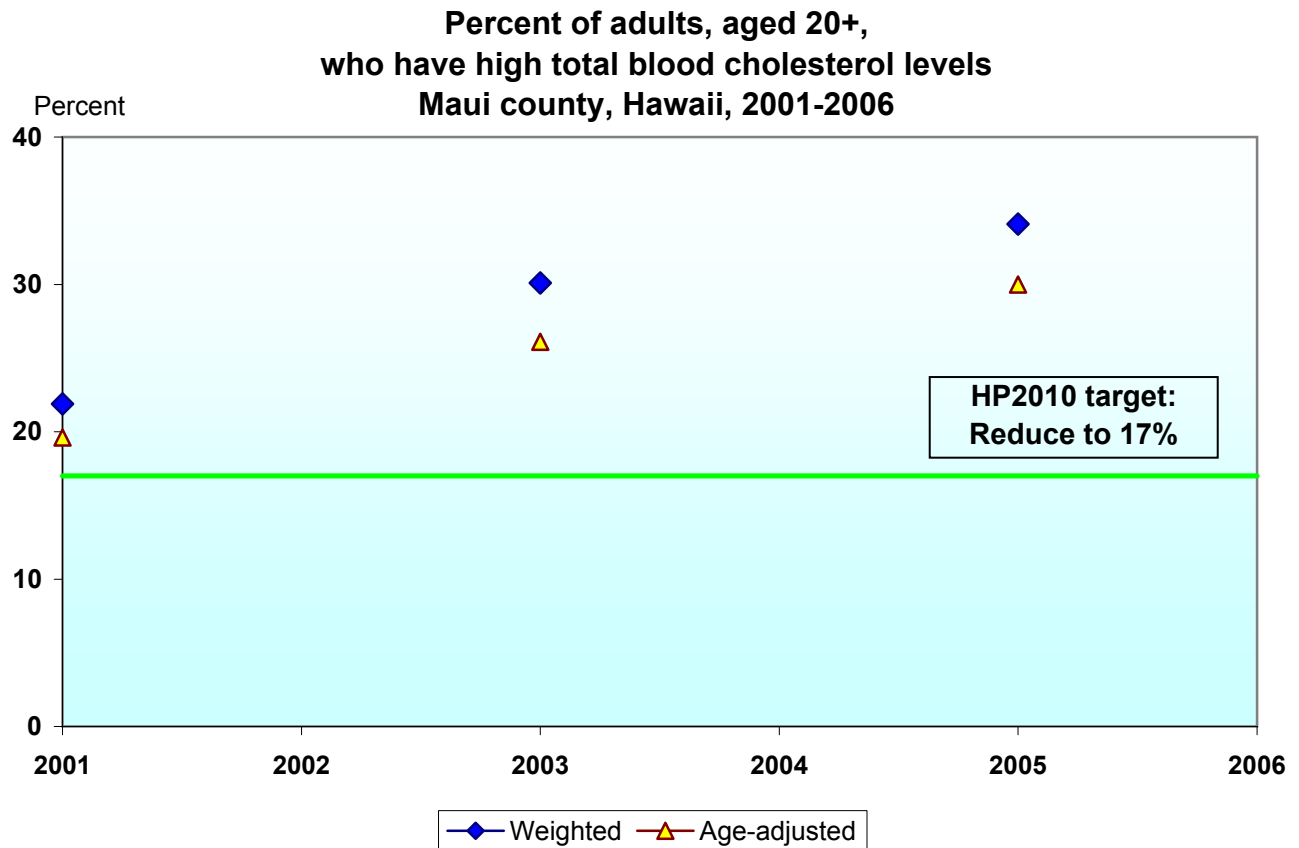
**Percent of adults, aged 20+,
who have high total blood cholesterol levels
Kauai county, Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	417	N/A	314	N/A	465	N/A
Have high total blood cholesterol levels	114		96		175	
Weight percentage	27.4		29.2		32.9	
95% C.I.	(22.6 - 32.8)		(23.8 - 35.3)		(28.1 - 38.2)	
Age-adjusted percentage	25.3		23.6		26.8	
95% C.I.	(20.1 - 31.4)		(18.5 - 29.7)		(22.2 - 32.0)	
GOAL (%)	17	17	17	17	17	17

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 12-14/ SUPPLEMENT 13



YEAR	2001	2002	2003	2004	2005	2006
Sample size	789	N/A	528	N/A	934	N/A
Have high total blood cholesterol levels	184		165		337	
Weight percentage	21.9		30.1		34.1	
95% C.I.	(18.8 - 25.4)		(25.6 - 35.0)		(30.2 - 38.2)	
Age-adjusted percentage	19.6		26.1		30.0	
95% C.I.	(16.8 - 22.7)		(21.9 - 30.8)		(25.9 - 34.5)	
GOAL (%)	17	17	17	17	17	17

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

IMMUNIZATION

Objective 14-29a & 14-29b: Increase the proportion of adults aged 65 years and older who are vaccinated annually against influenza and ever vaccinated against pneumococcal disease to **90%**

Objective 14-29c & 14-29d: Increase the proportion of adults aged 18 to 64 who are vaccinated annually against influenza and ever vaccinated against pneumococcal disease to **60%**
Age-adjusted by distribution #22

Questions used to obtain the data for these objectives:

*During the past 12 months have you had a flu shot?
Have you ever had a pneumonia shot?*

HBRFSS data from 2001 to 2006 show that:

- The percentage of pneumonia shot for adults aged 65 years or older and adults younger than 65 years gradually rose between 2001 and 2006. In contrast, for the same groups of adults, the percentages who had flu shot gradually declined for the same time period (Figure 14a).
Vaccination rates for both flu and pneumococcal disease are very low in the state of Hawaii. In 2006 among senior citizens, 74.8% received a flu shot within the last 12 months, and 64.8% already had a pneumonia shot. These percentages are much lower than the HP2010 goal of 90%. Also in 2006, among adults younger than 65, 30.9% got a flu shot within the last 12 months and 13.2% had a pneumonia shot. These percentages are slightly improved over the 1998 national baseline of 26% for flu shot and 13% for pneumonia shot.

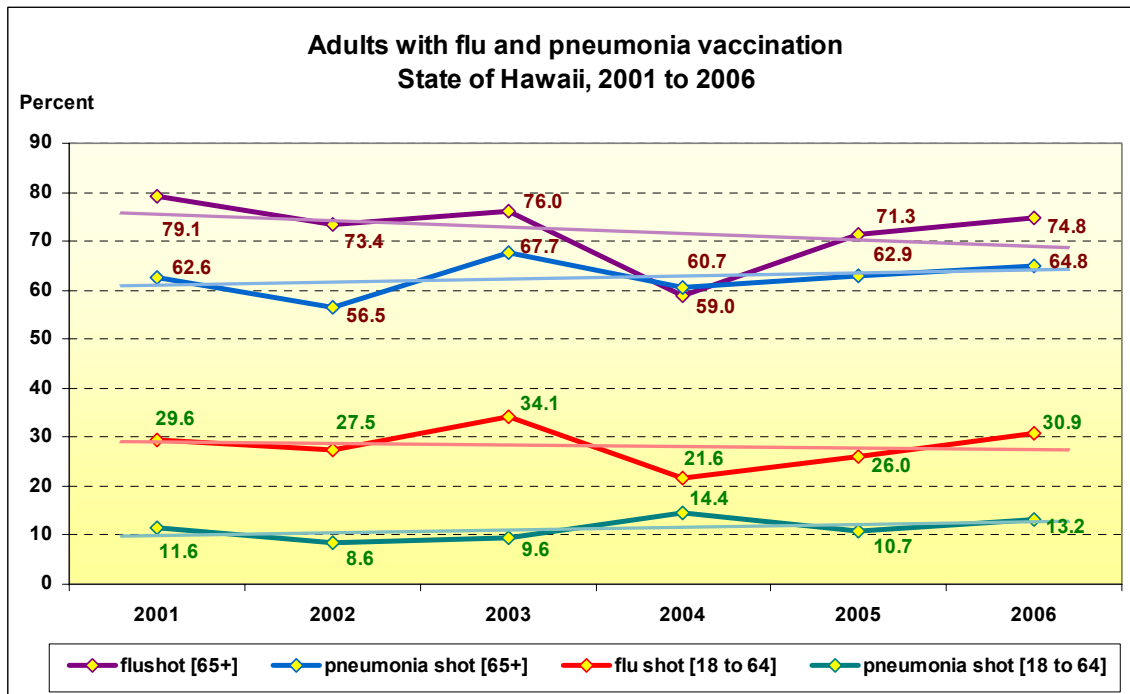


Fig. 14a

- There are gender differences in pneumonia immunization depending on the age group.
Among adults aged 18 to 64, men had higher percentage of having a pneumonia shot compared to women (Figure 14b).

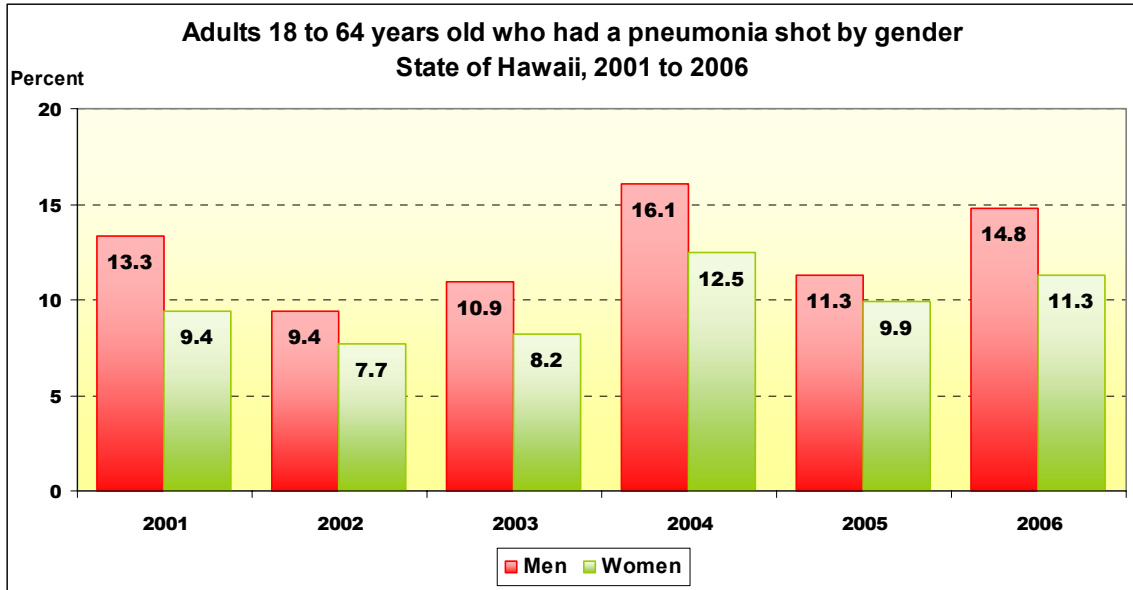


Fig. 14b

In contrast, among adults aged 65 years old and older, women had a higher rate of having a pneumonia vaccination compared to men (Figure 14c).

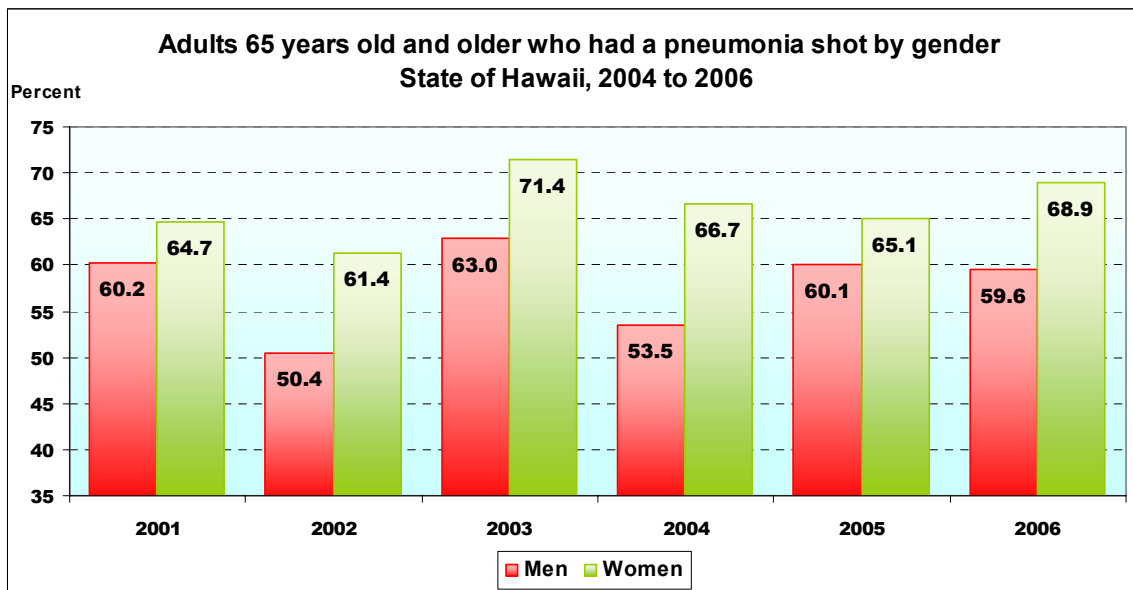


Fig. 14c

- By county, Honolulu has a definitely higher rate for adults aged 18 to 64 who yearly have a flu shot compared to neighboring counties (Figure 14d).

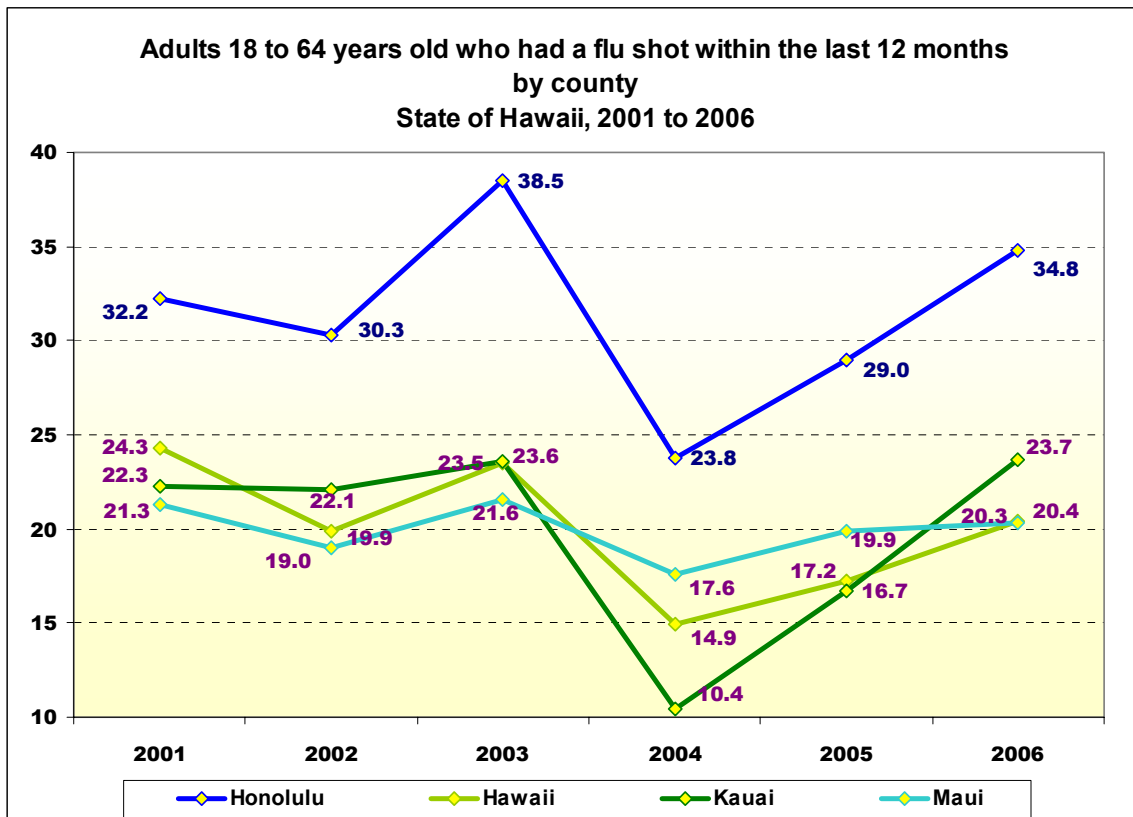
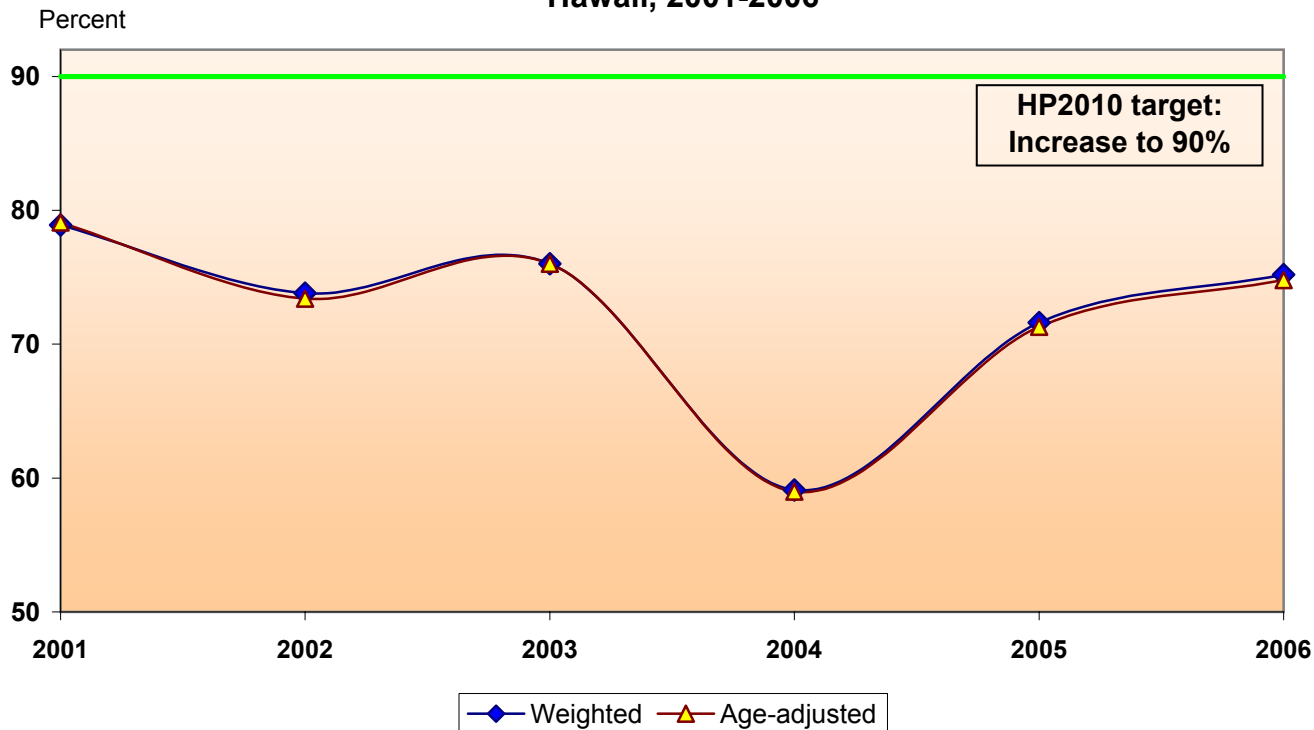


Fig. 14d

OBJECTIVE 14-29a

**Percent of adults, aged 65+, who had a flu shot
within the past 12 months
Hawaii, 2001-2006**

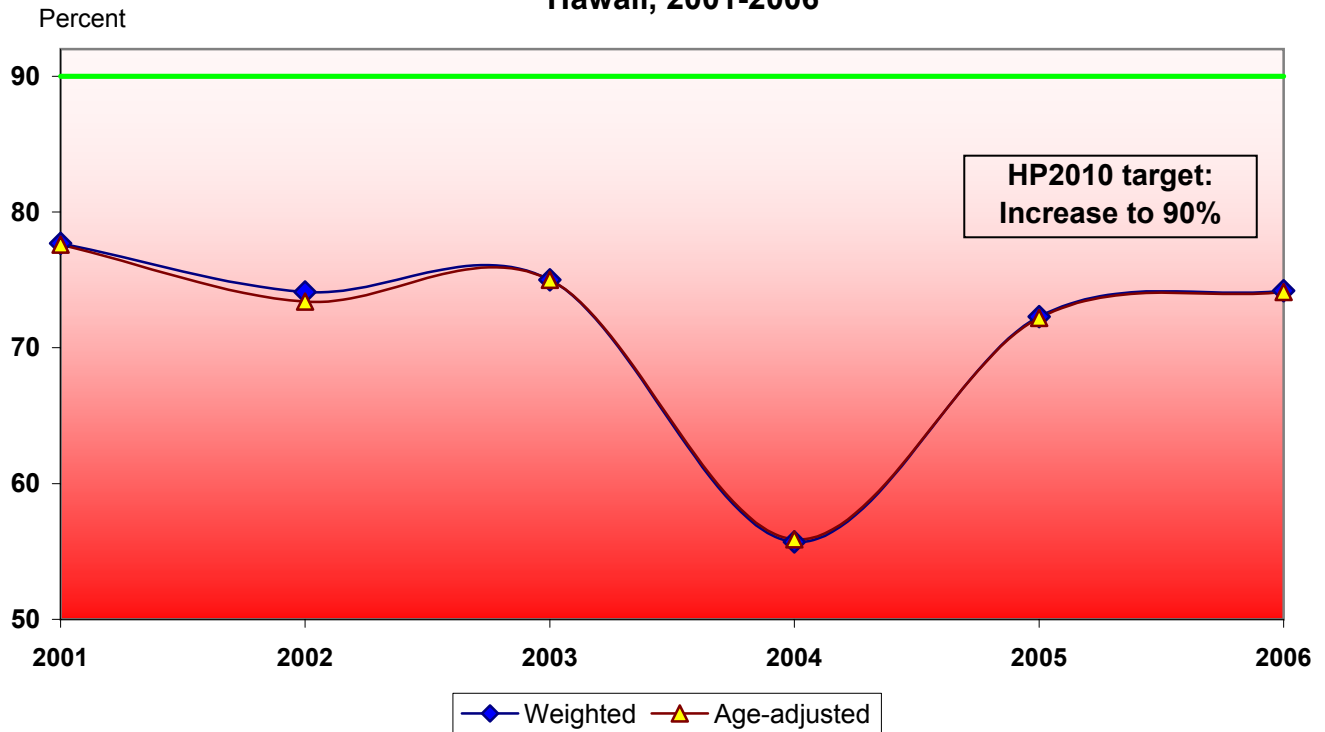


YEAR	2001	2002	2003	2004	2005	2006
Sample size	819	1249	883	460	1471	1499
Had a flu shot in the past 12 months	614	896	655	279	1028	1097
Weight percentage	78.9	73.8	76.0	59.1	71.6	75.2
95% C.I.	(75.2 - 82.2)	(70.5 - 76.8)	(72.2 - 79.4)	(52.7 - 65.2)	(68.5 - 74.5)	(72.4 - 77.8)
Age-adjusted percentage	79.1	73.4	76.0	59.0	71.3	74.8
95% C.I.	(75.4 - 82.5)	(70.2 - 76.4)	(72.2 - 79.4)	(52.6 - 65.2)	(68.3 - 74.2)	(72.0 - 77.5)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29a/ SUPPLEMENT 1

Percent of men, aged 65+, who had a flu shot
within the past 12 months
Hawaii, 2001-2006

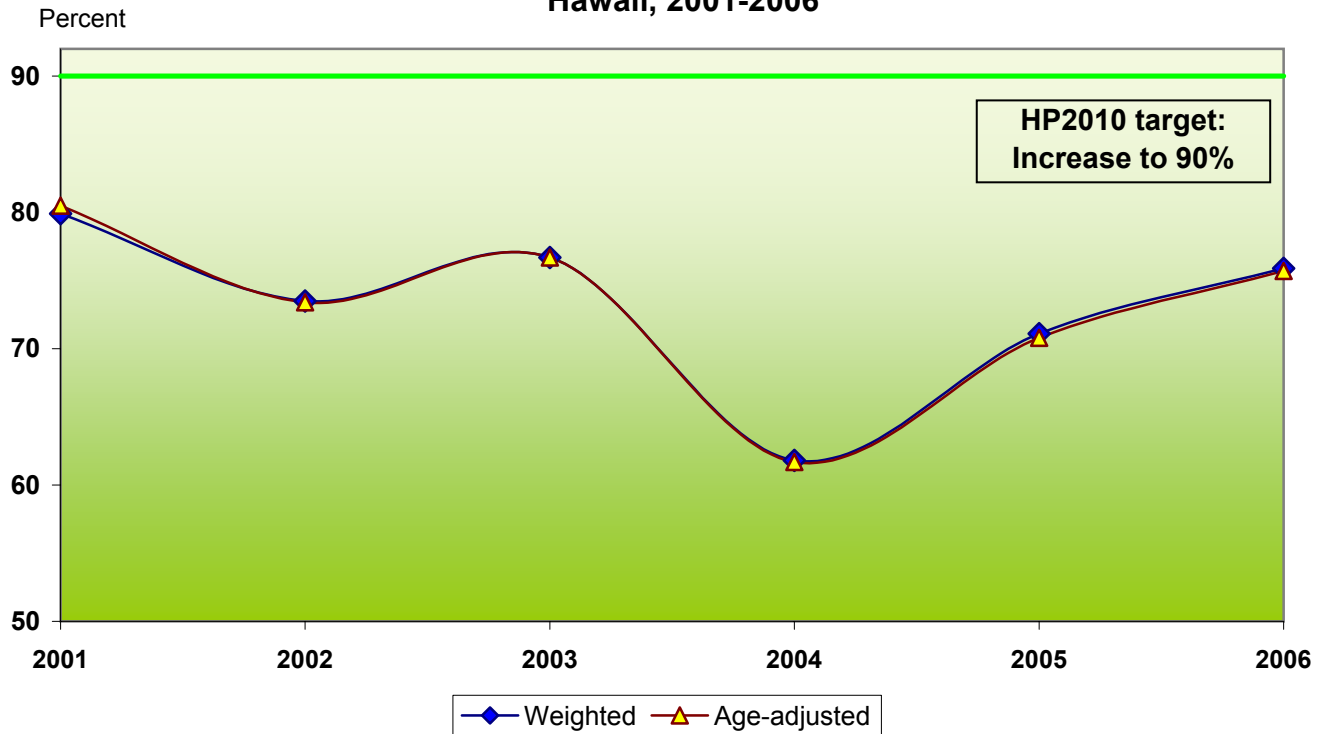


YEAR	2001	2002	2003	2004	2005	2006
Sample size	311	485	325	157	555	598
Had a flu shot in the past 12 months	230	345	237	84	389	425
Weight percentage	77.7	74.1	75.0	55.7	72.3	74.2
95% C.I.	(71.7 - 82.6)	(68.9 - 78.7)	(68.5 - 80.6)	(45.6 - 65.4)	(67.2 - 76.8)	(69.7 - 78.3)
Age-adjusted percentage	77.6	73.4	75.0	55.9	72.2	74.1
95% C.I.	(71.6 - 82.6)	(68.3 - 78.0)	(68.6 - 80.5)	(45.8 - 65.4)	(67.2 - 76.7)	(69.6 - 78.1)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29a/ SUPPLEMENT 2

**Percent of women, aged 65+, who had a flu shot
within the past 12 months
Hawaii, 2001-2006**

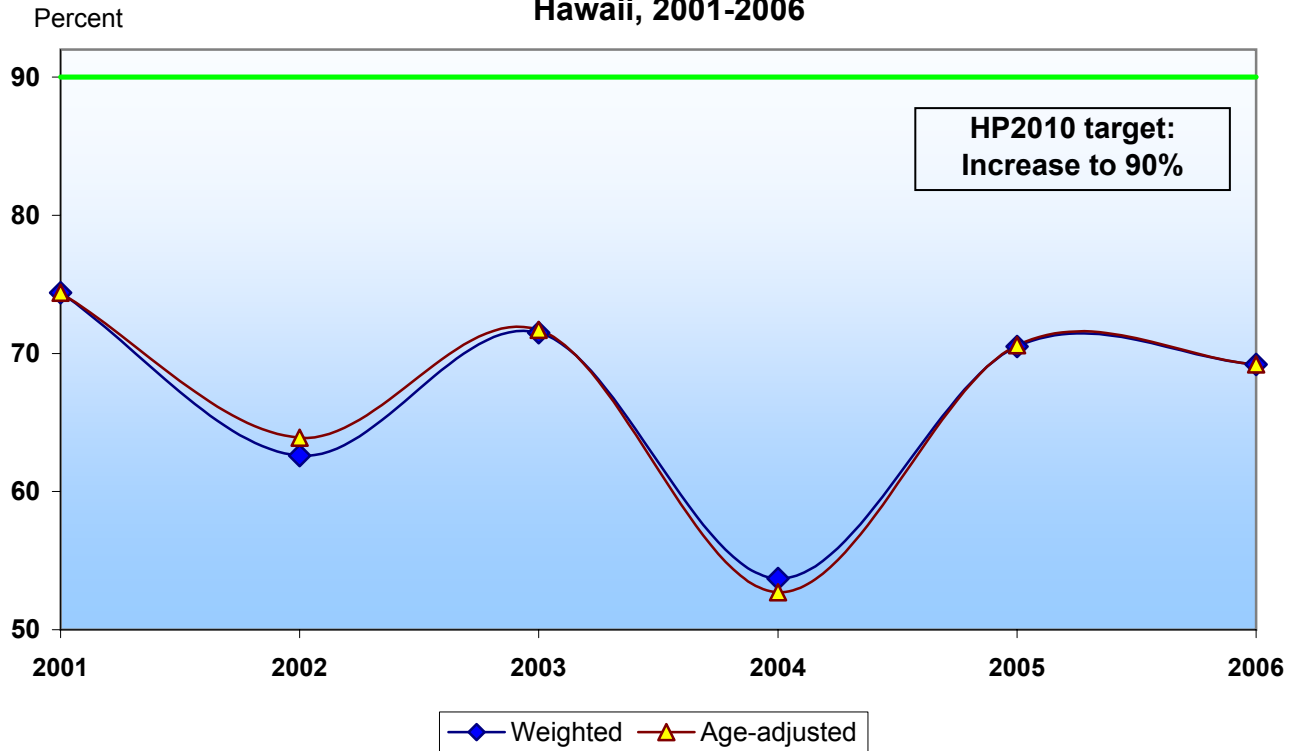


YEAR	2001	2002	2003	2004	2005	2006
Sample size	508	764	558	303	916	901
Had a flu shot in the past 12 months	384	551	418	195	639	672
Weight percentage	79.9	73.5	76.7	61.8	71.1	75.9
95% C.I.	(75.0 - 84.1)	(69.2 - 77.4)	(72.2 - 80.7)	(53.4 - 69.5)	(67.1 - 74.7)	(72.2 - 79.2)
Age-adjusted percentage	80.5	73.4	76.7	61.7	70.8	75.7
95% C.I.	(75.5 - 84.7)	(69.2 - 77.2)	(72.1 - 80.6)	(53.4 - 69.4)	(66.8 - 74.5)	(71.9 - 79.0)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29a/ SUPPLEMENT 3

**Percent of White adults, aged 65+, who had a flu shot
within the past 12 months
Hawaii, 2001-2006**



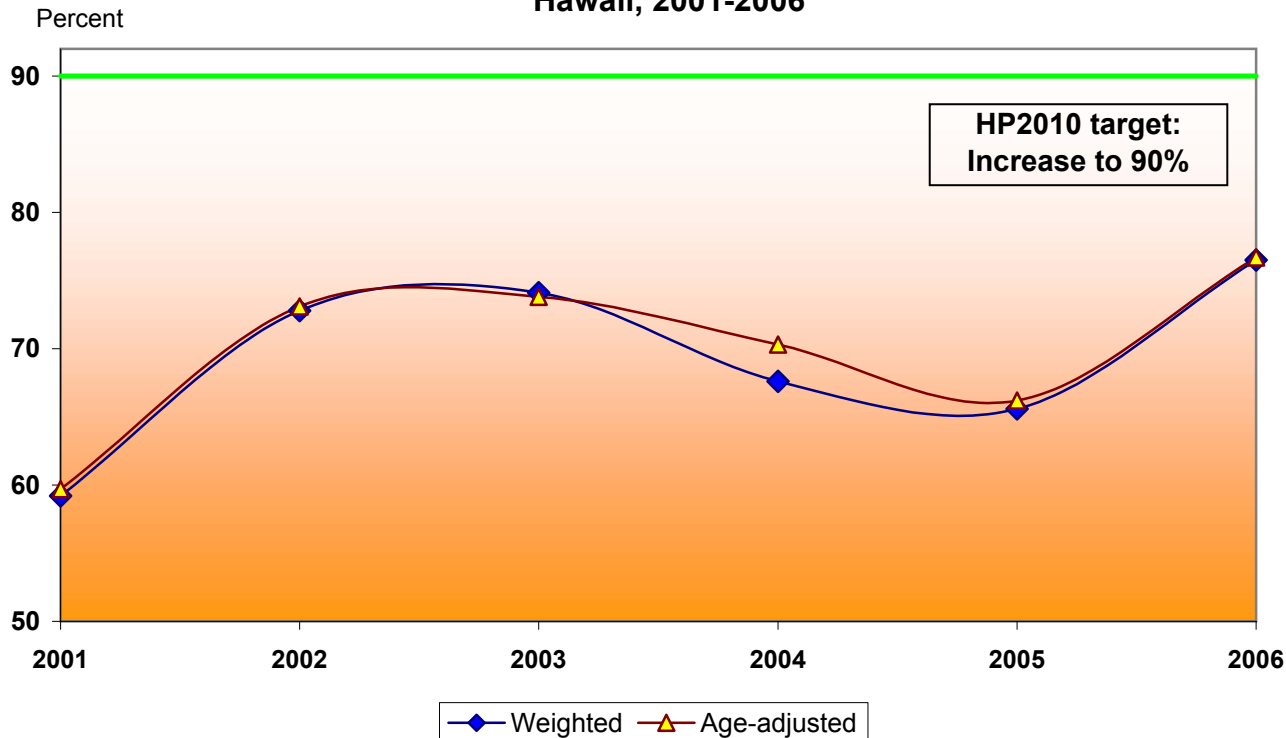
YEAR	2001	2002	2003	2004	2005	2006
Sample size	290	443	321	168	556	585
Had a flu shot in the past 12 months	197	270	220	97	371	401
Weight percentage	74.4	62.6	71.5	53.7	70.5	69.2
95% C.I.	(67.9 - 80.0)	(56.5 - 68.2)	(65.4 - 77.0)	(43.7 - 63.5)	(65.7 - 74.9)	(64.4 - 73.7)
Age-adjusted percentage	74.4	63.9	71.7	52.7	70.6	69.2
95% C.I.	(67.8 - 80.1)	(58.5 - 69.1)	(65.6 - 77.0)	(43.7 - 61.6)	(65.8 - 75.0)	(64.4 - 73.7)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29a/ SUPPLEMENT 4

**Percent of Hawaiians, aged 65+, who had a flu shot
within the past 12 months**

Hawaii, 2001-2006

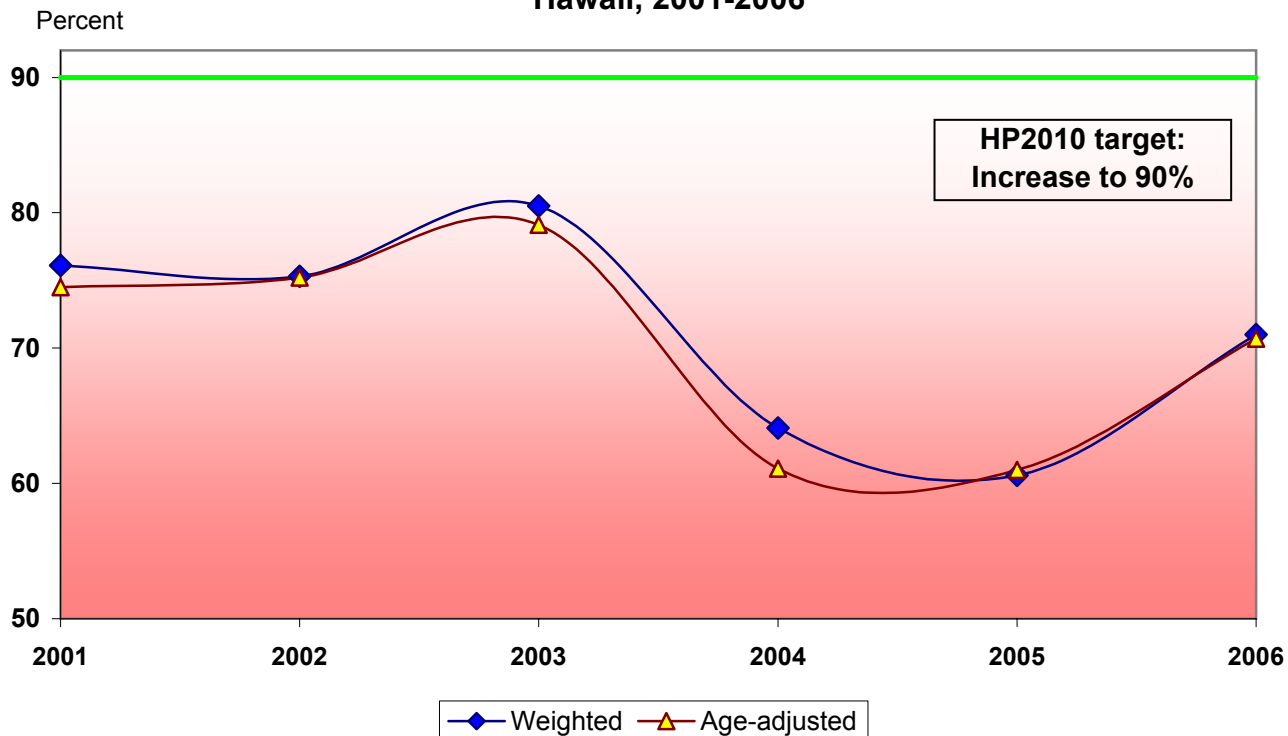


YEAR	2001	2002	2003	2004	2005	2006
Sample size	77	111	93	50	142	154
Had a flu shot in the past 12 months	46	78	67	34	94	110
Weight percentage	59.2	72.8	74.1	67.6	65.6	76.5
95% C.I.	(44.7 - 72.2)	(60.4 - 82.5)	(61.6 - 83.6)	(47.3 - 82.9)	(54.9 - 74.9)	(67.5 - 83.6)
Age-adjusted percentage	59.7	73.1	73.8	70.3	66.2	76.7
95% C.I.	(45.3 - 72.7)	(61.7 - 82.1)	(61.2 - 83.5)	(52.3 - 83.6)	(55.4 - 75.5)	(67.7 - 83.8)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29a/ SUPPLEMENT 5

**Percent of Filipinos, aged 65+, who had a flu shot
within the past 12 months
Hawaii, 2001-2006**

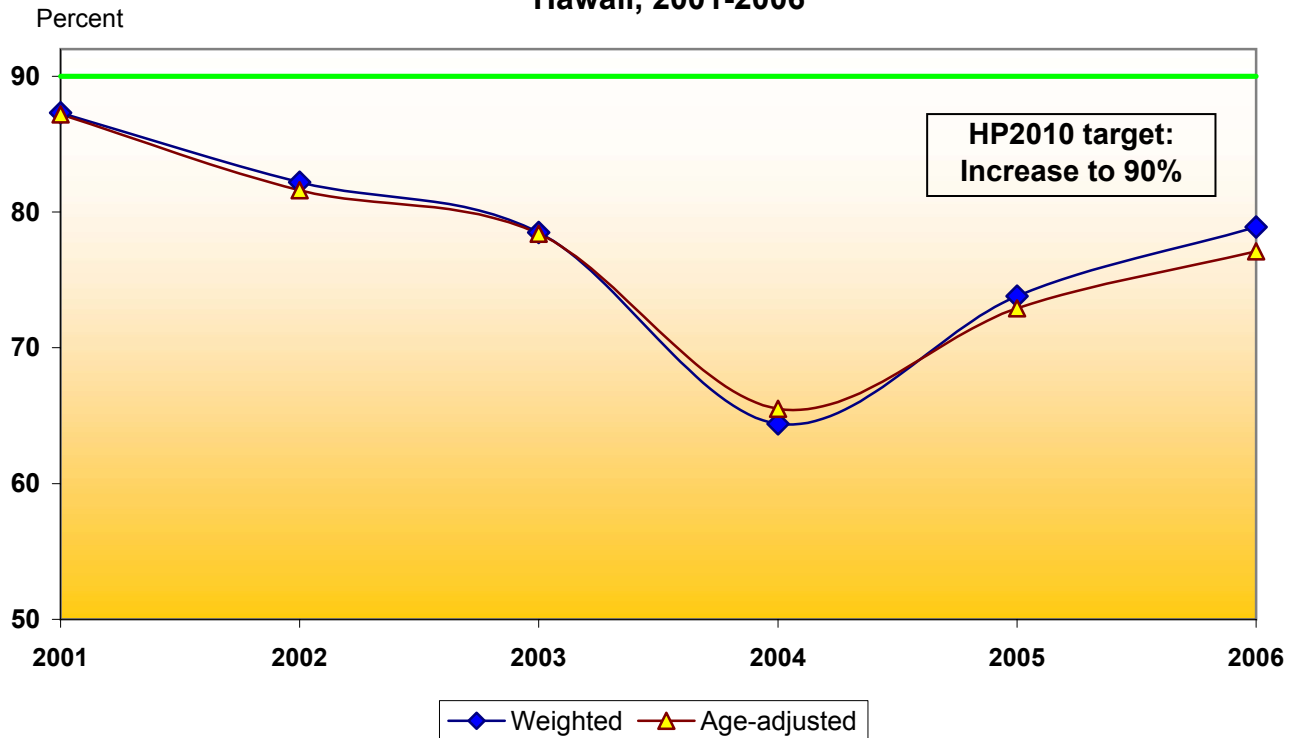


YEAR	2001	2002	2003	2004	2005	2006
Sample size	81	135	81	51	137	111
Had a flu shot in the past 12 months	64	100	62	31	95	82
Weight percentage	76.1	75.3	80.5	64.1	60.6	71.0
95% C.I.	(59.5 - 87.3)	(64.0 - 83.9)	(68.5 - 88.7)	(44.5 - 79.9)	(47.7 - 72.1)	(57.7 - 81.4)
Age-adjusted percentage	74.5	75.2	79.1	61.1	61.0	70.7
95% C.I.	(56.4 - 86.8)	(63.8 - 83.9)	(66.6 - 87.8)	(38.6 - 79.7)	(48.2 - 72.5)	(56.6 - 81.8)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29a/ SUPPLEMENT 6

**Percent of Japanese, aged 65+, who had a flu shot
within the past 12 months
Hawaii, 2001-2006**

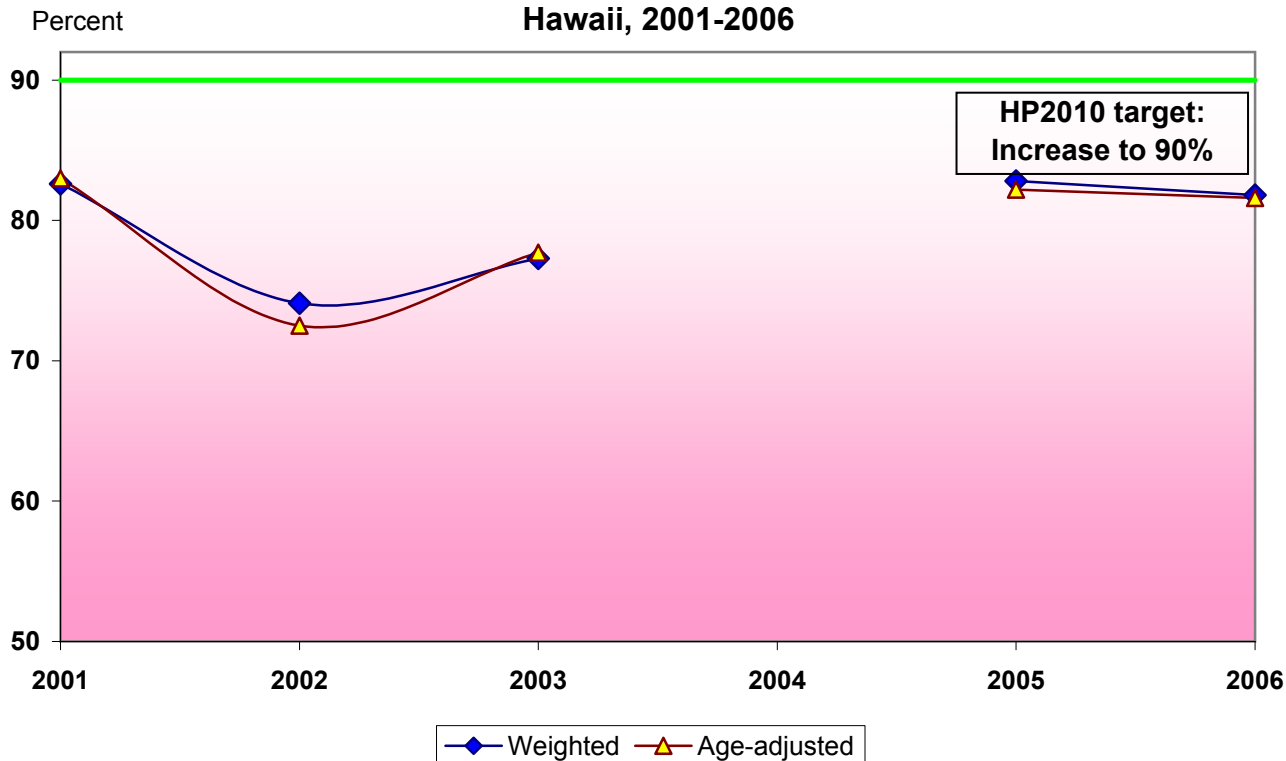


YEAR	2001	2002	2003	2004	2005	2006
Sample size	281	430	280	145	492	479
Had a flu shot in the past 12 months	234	358	221	94	360	373
Weight percentage	87.3	82.2	78.5	64.4	73.8	78.9
95% C.I.	(82.6 - 90.9)	(76.8 - 86.6)	(71.9 - 83.8)	(52.9 - 74.5)	(68.9 - 78.1)	(74.1 - 83.0)
Age-adjusted percentage	87.2	81.6	78.4	65.5	72.9	77.1
95% C.I.	(82.6 - 90.8)	(76.0 - 86.1)	(71.5 - 84.0)	(54.2 - 75.2)	(67.8 - 77.5)	(71.9 - 81.6)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29a/ SUPPLEMENT 7

**Percent of adults of other races, aged 65+, who had a flu shot within the past 12 months
Hawaii, 2001-2006**

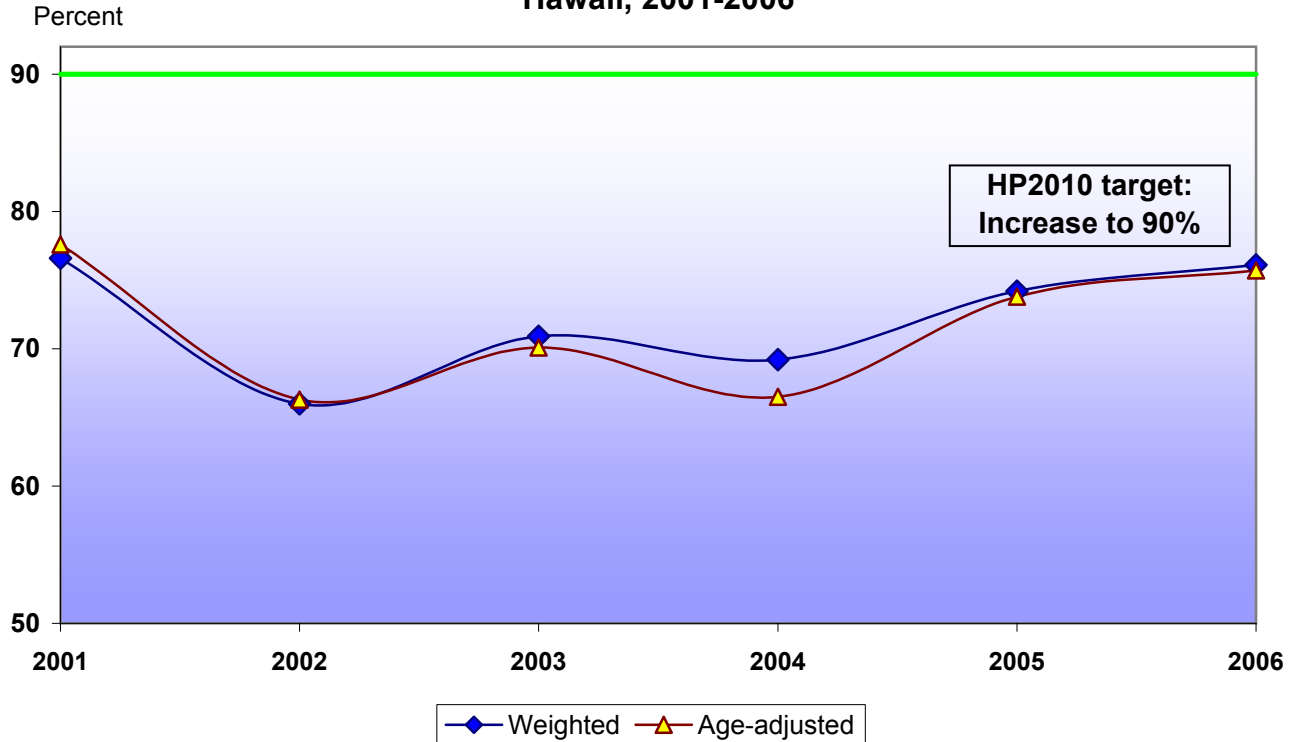


YEAR	2001	2002	2003	2004	2005	2006
Sample size	90	130	108	<i>less than 50</i>	144	170
Had a flu shot in the past 12 months	73	90	85		108	131
Weight percentage	82.6	74.1	77.3		82.8	81.8
95% C.I.	(71.7 - 89.9)	(64.7 - 81.7)	(63.1 - 87.1)		(75.2 - 88.5)	(74.4 - 87.4)
Age-adjusted percentage	83.0	72.5	77.7		82.2	81.6
95% C.I.	(71.9 - 90.4)	(63.5 - 80.0)	(65.0 - 86.8)		(74.5 - 87.9)	(74.3 - 87.3)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29a/ SUPPLEMENT

**Percent of adults, in low income households, aged 65+,
who had a flu shot within the past 12 months
Hawaii, 2001-2006**

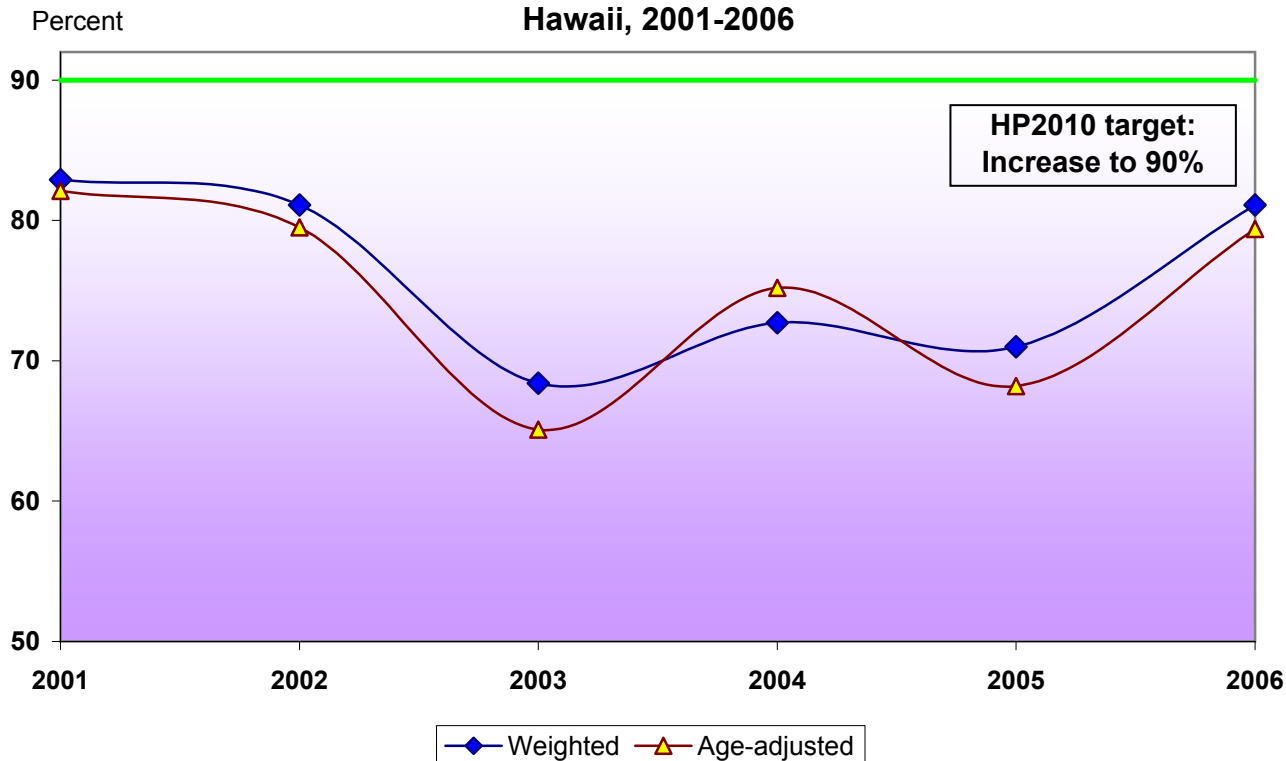


YEAR	2001	2002	2003	2004	2005	2006
Sample size	102	132	134	53	131	128
Had a flu shot in the past 12 months	72	87	99	36	94	89
Weight percentage	76.6	66.0	70.9	69.2	74.2	76.1
95% C.I.	(64.0 - 85.8)	(54.4 - 75.9)	(59.9 - 79.8)	(49.8 - 83.6)	(63.0 - 83.0)	(65.4 - 84.4)
Age-adjusted percentage	77.6	66.3	70.1	66.5	73.8	75.7
95% C.I.	(65.0 - 86.5)	(55.0 - 76.0)	(58.8 - 79.3)	(49.1 - 80.4)	(62.9 - 82.4)	(64.9 - 84.0)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29a/ SUPPLEMENT 8

**Percent of adults, aged 65+, with less education,
who had a flu shot within the past 12 months
Hawaii, 2001-2006**

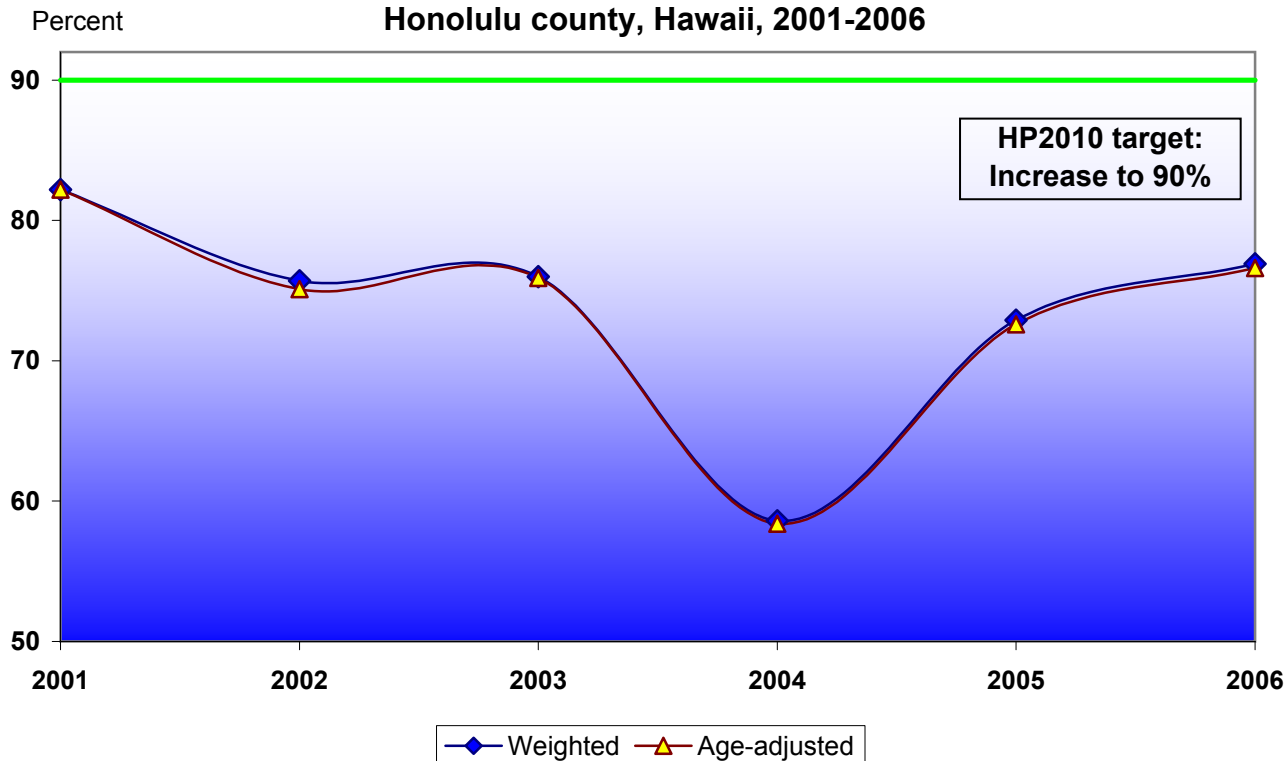


YEAR	2001	2002	2003	2004	2005	2006
Sample size	160	220	130	69	186	191
Had a flu shot in the past 12 months	124	170	91	47	131	142
Weight percentage	82.9	81.1	68.4	72.7	71.0	81.1
95% C.I.	(74.7 - 88.9)	(73.6 - 86.9)	(55.4 - 79.0)	(55.8 - 84.8)	(60.9 - 79.4)	(73.2 - 87.1)
Age-adjusted percentage	82.1	79.5	65.1	75.2	68.2	79.4
95% C.I.	(72.6 - 88.9)	(69.9 - 86.6)	(52.6 - 75.8)	(61.3 - 85.3)	(56.3 - 78.1)	(69.8 - 86.5)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29a/ SUPPLEMENT 9

**Percent of adults, aged 65+, who had a flu shot
within the past 12 months
Honolulu county, Hawaii, 2001-2006**

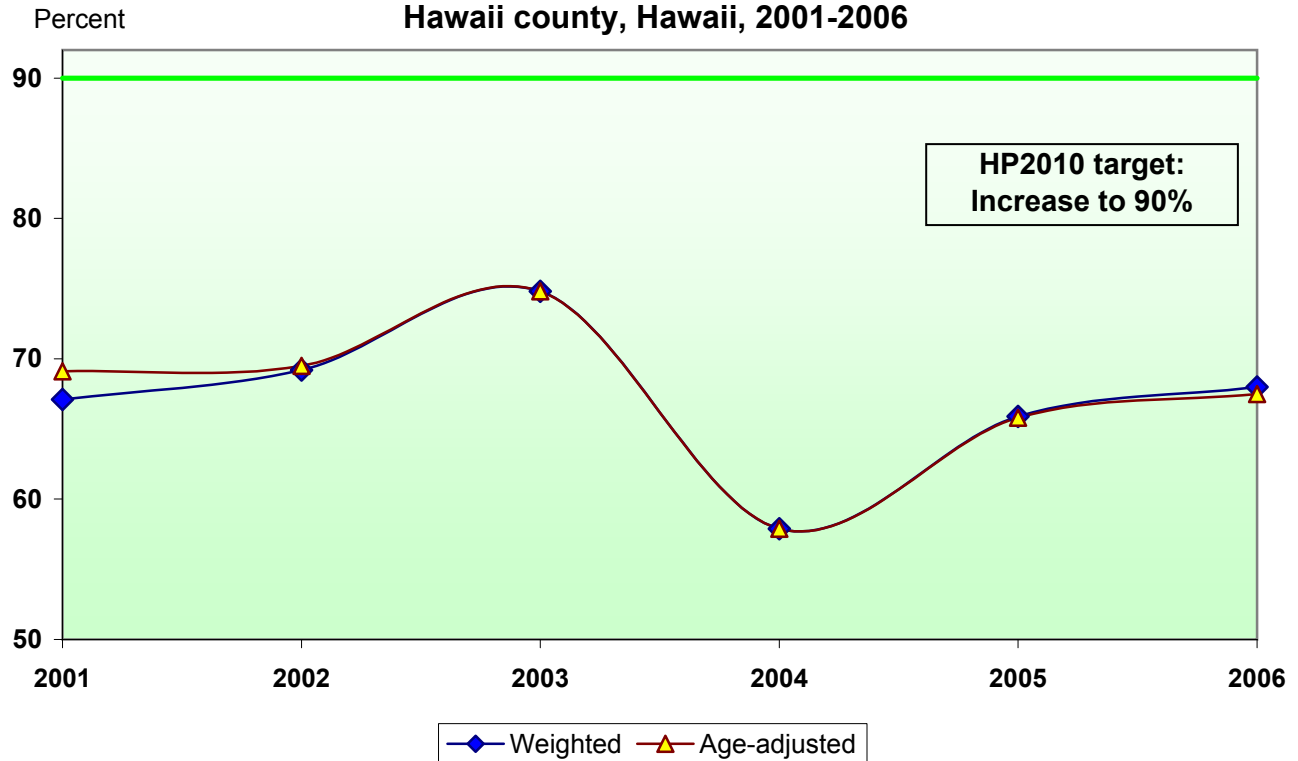


YEAR	2001	2002	2003	2004	2005	2006
Sample size	361	592	470	197	726	736
Had a flu shot in the past 12 months	293	441	355	120	525	562
Weight percentage	82.2	75.7	76.0	58.6	72.9	76.9
95% C.I.	(77.3 - 86.3)	(71.5 - 79.5)	(71.1 - 80.2)	(50.3 - 66.5)	(68.9 - 76.5)	(73.2 - 80.1)
Age-adjusted percentage	82.2	75.1	75.9	58.4	72.6	76.6
95% C.I.	(77.2 - 86.3)	(71.0 - 78.9)	(71.0 - 80.2)	(50.1 - 66.3)	(68.6 - 76.2)	(72.9 - 79.9)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29a/ SUPPLEMENT 10

**Percent of adults, aged 65+, who had a flu shot
within the past 12 months
Hawaii county, Hawaii, 2001-2006**

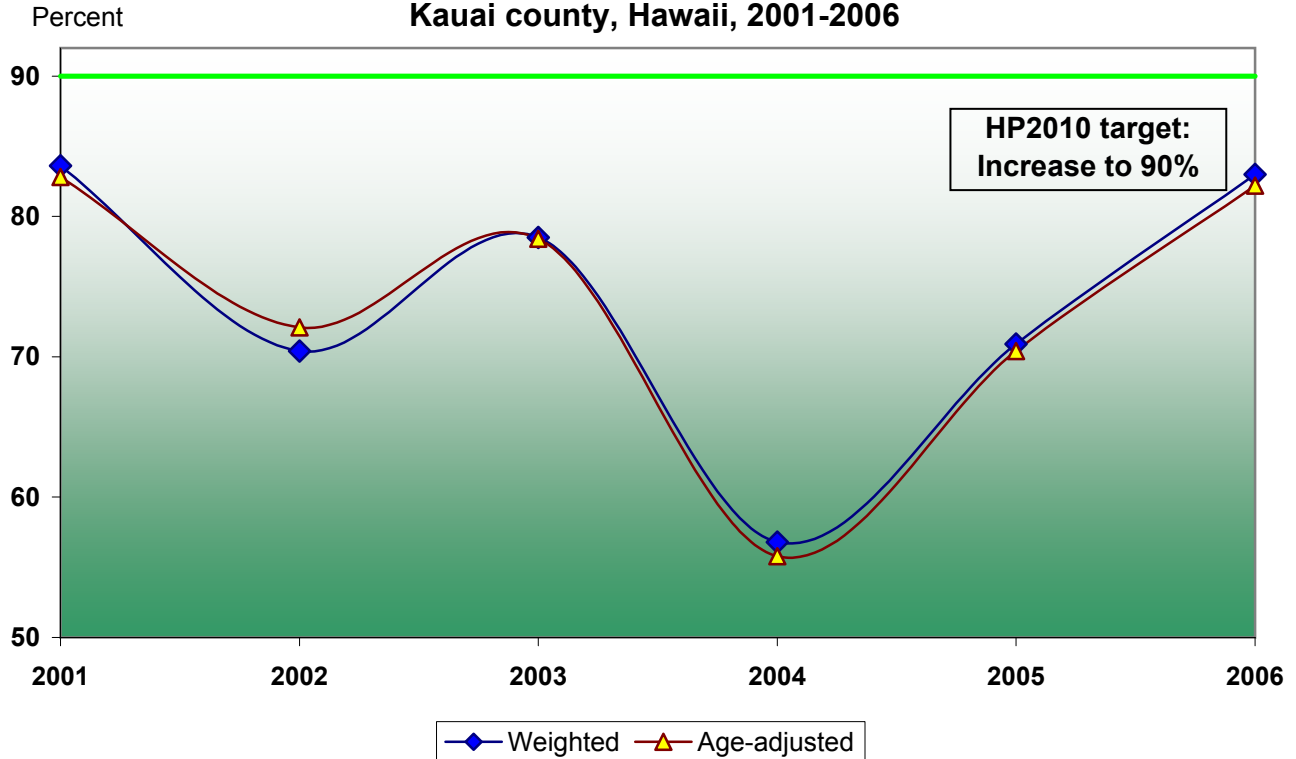


YEAR	2001	2002	2003	2004	2005	2006
Sample size	204	325	219	124	381	331
Had a flu shot in the past 12 months	138	222	160	66	249	221
Weight percentage	67.1	69.2	74.8	57.9	65.9	68.0
95% C.I.	(59.5 - 73.9)	(63.5 - 74.4)	(67.9 - 80.7)	(47.8 - 67.4)	(60.1 - 71.2)	(62.1 - 73.3)
Age-adjusted percentage	69.1	69.5	74.8	57.9	65.8	67.5
95% C.I.	(62.0 - 75.4)	(63.9 - 74.6)	(68.0 - 80.6)	(47.8 - 67.3)	(60.0 - 71.2)	(61.8 - 72.8)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29a/ SUPPLEMENT 11

Percent of adults, aged 65+, who had a flu shot
within the past 12 months
Kauai county, Hawaii, 2001-2006

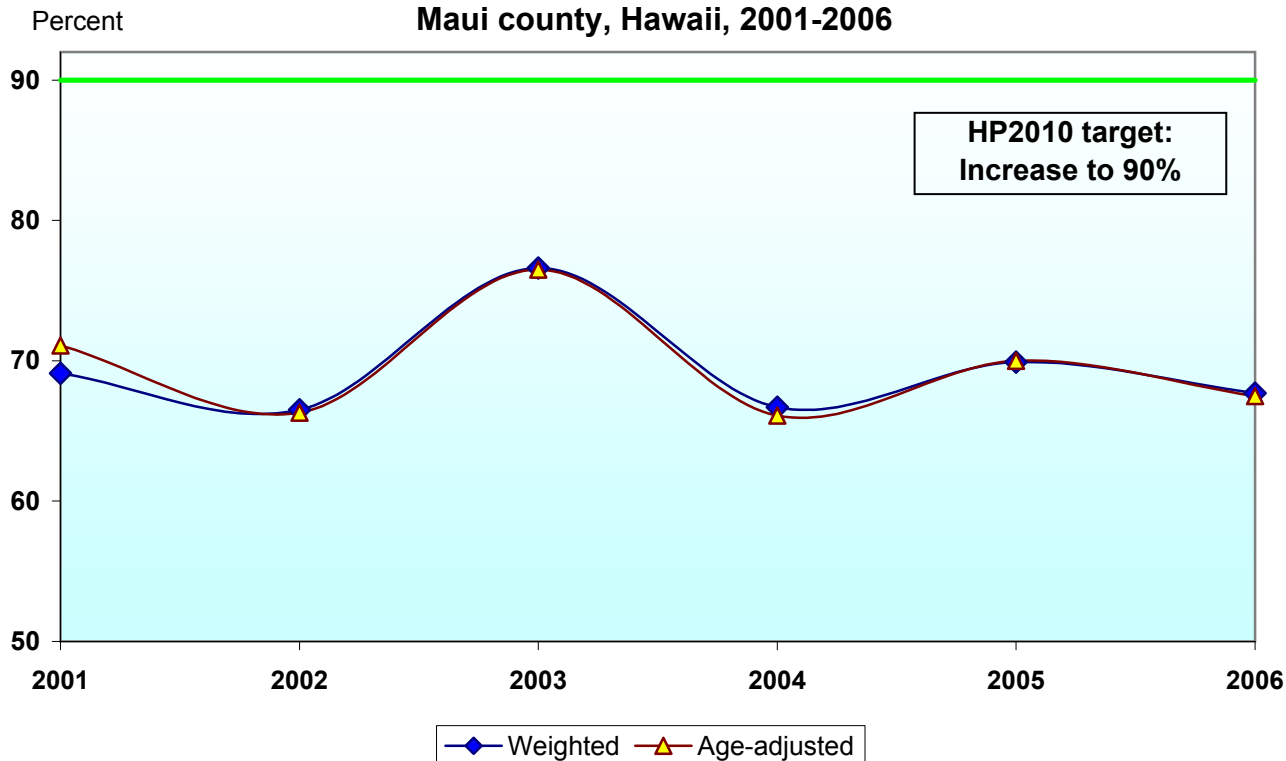


YEAR	2001	2002	2003	2004	2005	2006
Sample size	94	125	78	63	134	144
Had a flu shot in the past 12 months	75	90	58	39	92	118
Weight percentage	83.6	70.4	78.5	56.8	70.9	83.0
95% C.I.	(74.2 - 90.1)	(59.0 - 79.8)	(67.4 - 86.6)	(42.0 - 70.6)	(61.9 - 78.6)	(74.3 - 89.2)
Age-adjusted percentage	82.8	72.1	78.4	55.8	70.4	82.2
95% C.I.	(72.7 - 89.6)	(60.0 - 81.7)	(67.1 - 86.6)	(41.1 - 69.5)	(61.5 - 78.0)	(73.6 - 88.4)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29a/ SUPPLEMENT 12

**Percent of adults, aged 65+, who had a flu shot
within the past 12 months
Maui county, Hawaii, 2001-2006**

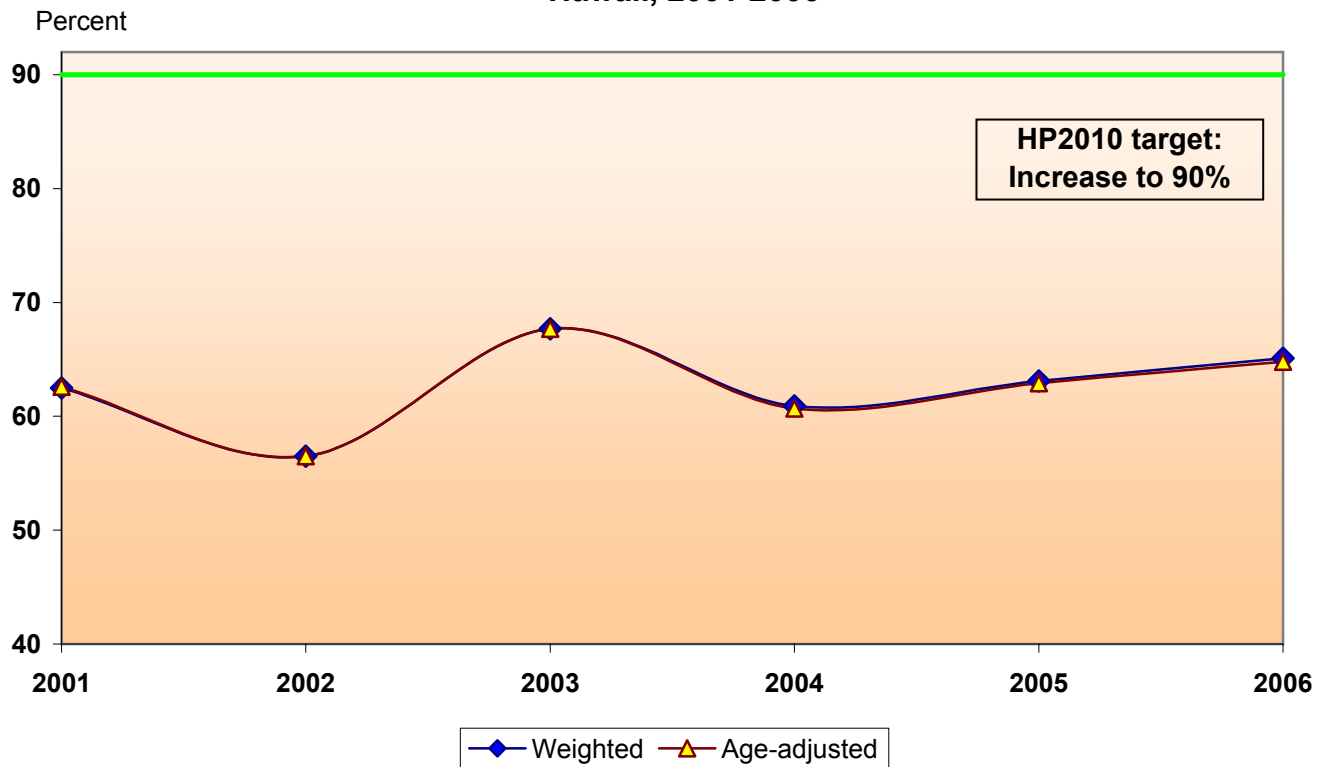


YEAR	2001	2002	2003	2004	2005	2006
Sample size	160	207	116	76	230	288
Had a flu shot in the past 12 months	108	143	82	54	162	196
Weight percentage	69.1	66.5	76.6	66.7	69.9	67.7
95% C.I.	(60.3 - 76.7)	(58.0 - 74.1)	(67.1 - 84.0)	(52.6 - 78.4)	(61.7 - 77.0)	(60.4 - 74.2)
Age-adjusted percentage	71.1	66.3	76.5	66.1	70.0	67.5
95% C.I.	(63.1 - 78.0)	(57.8 - 73.8)	(67.1 - 83.9)	(51.9 - 77.9)	(62.1 - 76.8)	(60.3 - 74.0)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29b

**Percent of adults, aged 65+, who had a pneumonia shot
Hawaii, 2001-2006**

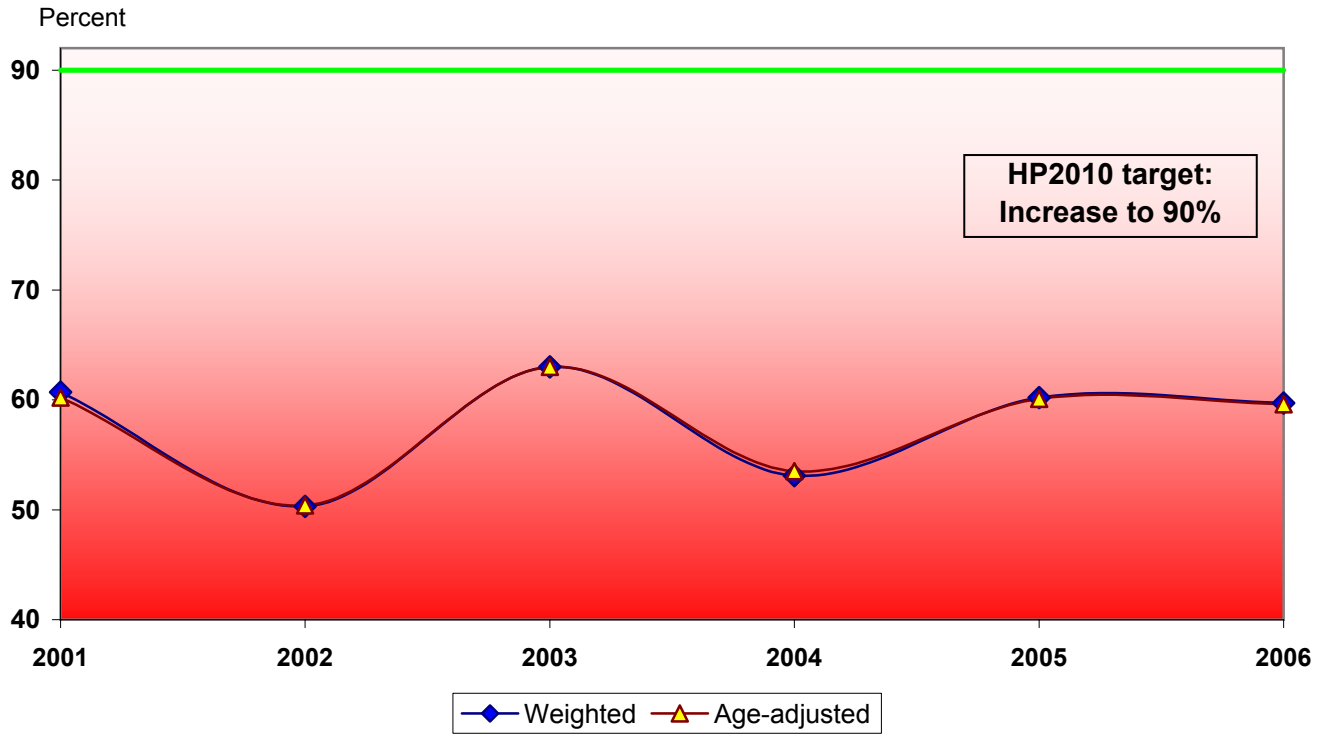


YEAR	2001	2002	2003	2004	2005	2006
Sample size	819	1249	883	460	1471	1496
Had a pneumonia shot	505	709	588	294	939	962
Weight percentage	62.5	56.5	67.7	60.9	63.1	65.1
95% C.I.	(57.9 - 66.8)	(52.9 - 60.1)	(63.7 - 71.5)	(54.5 - 67.0)	(59.8 - 66.3)	(62.0 - 68.1)
Age-adjusted percentage	62.6	56.5	67.7	60.7	62.9	64.8
95% C.I.	(58.0 - 66.9)	(52.8 - 60.0)	(63.7 - 71.5)	(54.6 - 66.6)	(59.7 - 66.1)	(61.7 - 67.8)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29b/ SUPPLEMENT 1

Percent of men, aged 65+, who had a pneumonia shot
Hawaii, 2001-2006

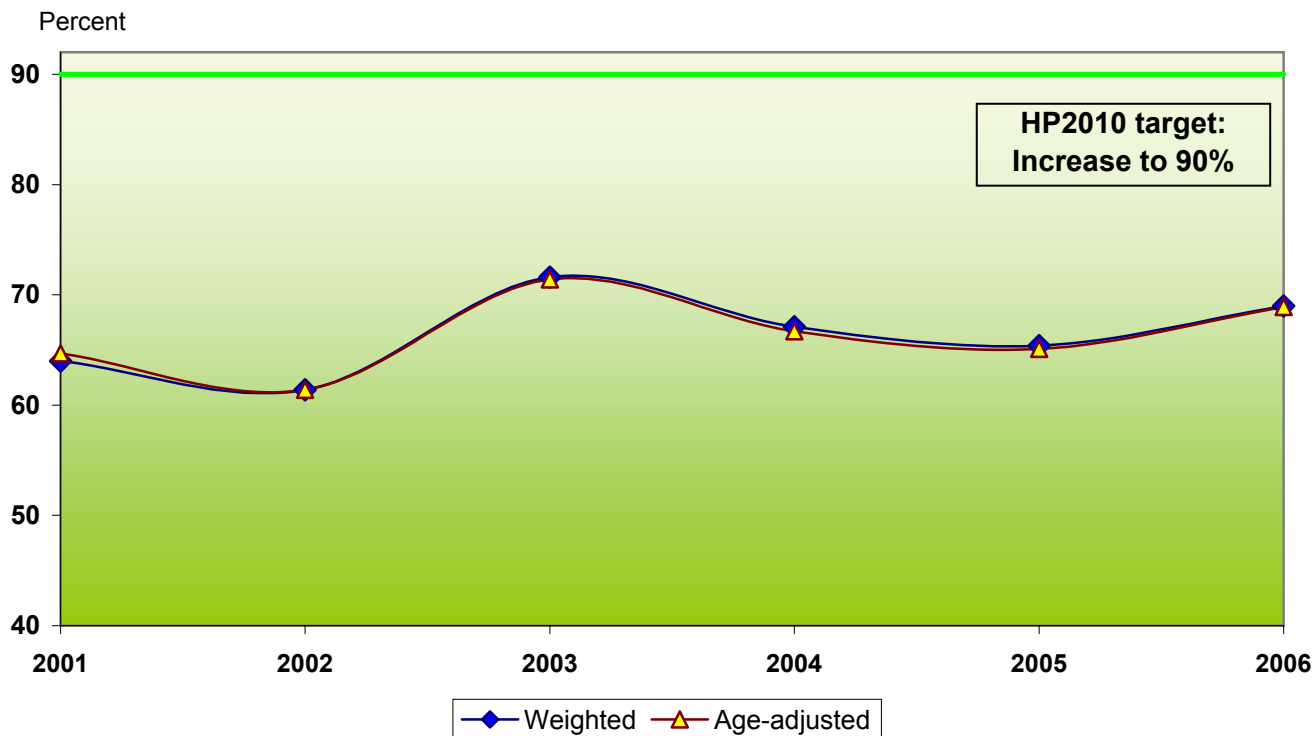


YEAR	2001	2002	2003	2004	2005	2006
Sample size	311	485	325	157	555	596
Had a pneumonia shot	179	240	201	86	322	346
Weight percentage	60.7	50.3	63.0	53.1	60.2	59.7
95% C.I.	(53.8 - 67.1)	(44.8 - 55.9)	(56.1 - 69.3)	(42.9 - 63.0)	(54.8 - 65.3)	(54.8 - 64.5)
Age-adjusted percentage	60.2	50.4	63.0	53.5	60.1	59.6
95% C.I.	(53.4 - 66.7)	(44.9 - 55.9)	(56.2 - 69.4)	(44.3 - 62.5)	(54.8 - 65.2)	(54.7 - 64.3)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29b/ SUPPLEMENT 2

**Percent of women, aged 65+, who had a pneumonia shot
Hawaii, 2001-2006**

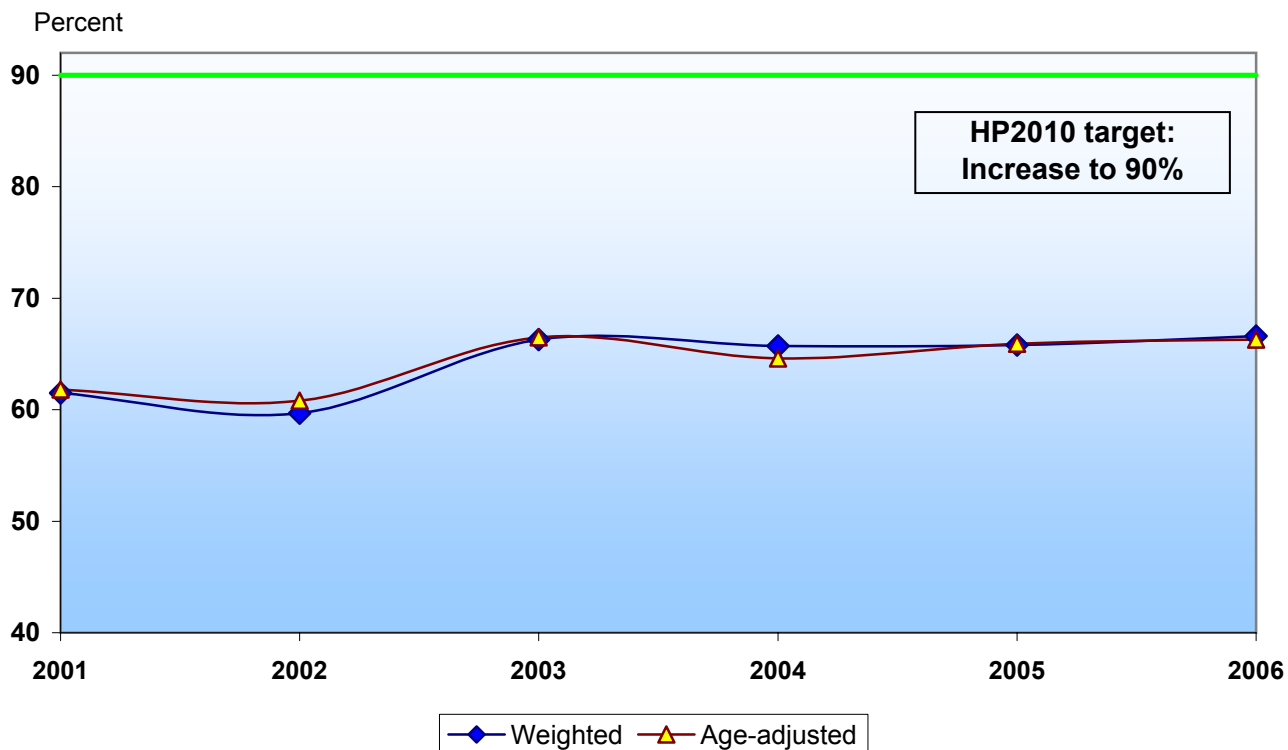


YEAR	2001	2002	2003	2004	2005	2006
Sample size	508	764	558	303	916	900
Had a pneumonia shot	326	469	387	208	617	616
Weight percentage	64.0	61.4	71.6	67.1	65.4	69.0
95% C.I.	(57.9 - 69.7)	(56.7 - 65.9)	(66.8 - 75.9)	(59.0 - 74.3)	(61.2 - 69.3)	(65.0 - 72.8)
Age-adjusted percentage	64.7	61.4	71.4	66.7	65.1	68.9
95% C.I.	(58.6 - 70.3)	(56.7 - 65.9)	(66.6 - 75.7)	(58.6 - 73.9)	(60.9 - 69.1)	(64.8 - 72.8)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29b/ SUPPLEMENT 3

**Percent of White adults, aged 65+, who had a pneumonia shot
Hawaii, 2001-2006**

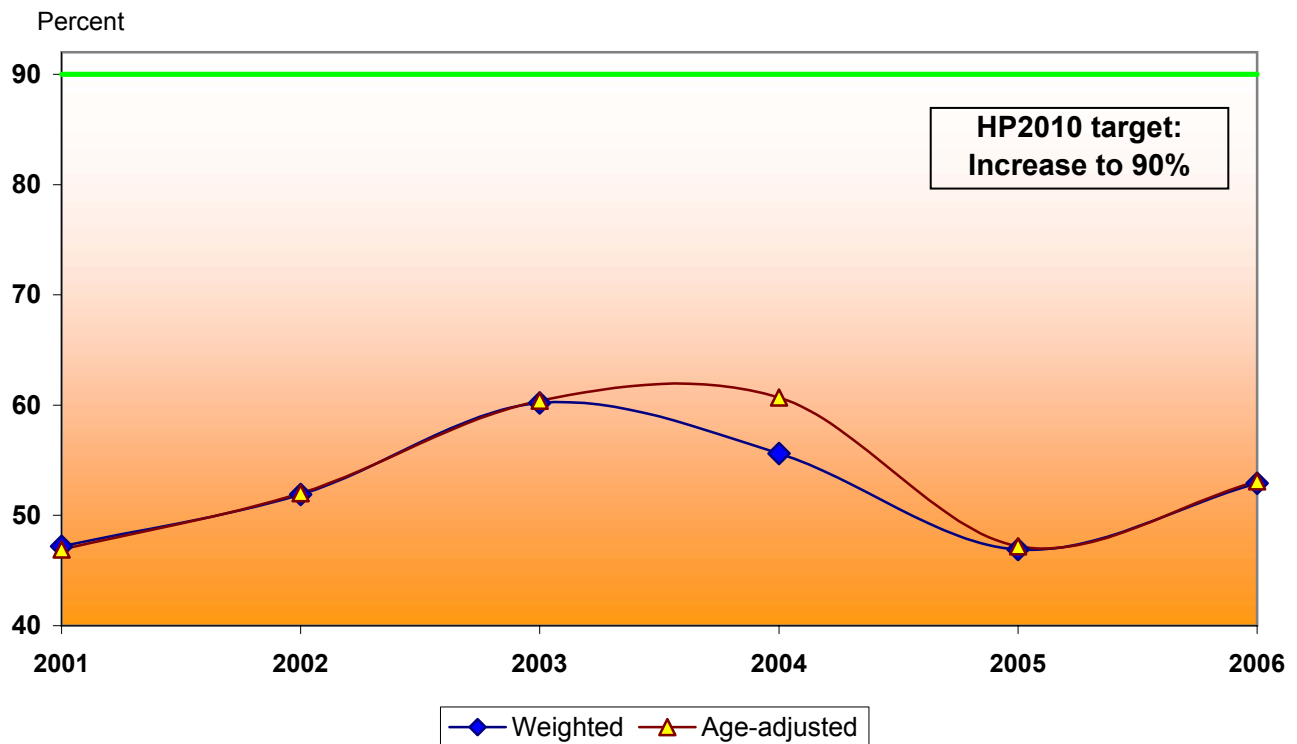


YEAR	2001	2002	2003	2004	2005	2006
Sample size	290	443	321	168	556	584
Had a pneumonia shot	171	262	205	110	363	373
Weight percentage	61.5	59.7	66.3	65.7	65.8	66.6
95% C.I.	(53.7 - 68.8)	(53.6 - 65.5)	(59.9 - 72.1)	(56.0 - 74.3)	(60.7 - 70.5)	(61.8 - 71.1)
Age-adjusted percentage	61.8	60.8	66.5	64.6	65.9	66.3
95% C.I.	(54.0 - 69.1)	(54.9 - 66.4)	(60.2 - 72.3)	(56.0 - 72.5)	(60.8 - 70.7)	(61.5 - 70.8)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29b/ SUPPLEMENT 4

**Percent of Hawaiians, aged 65+, who had a pneumonia shot
Hawaii, 2001-2006**

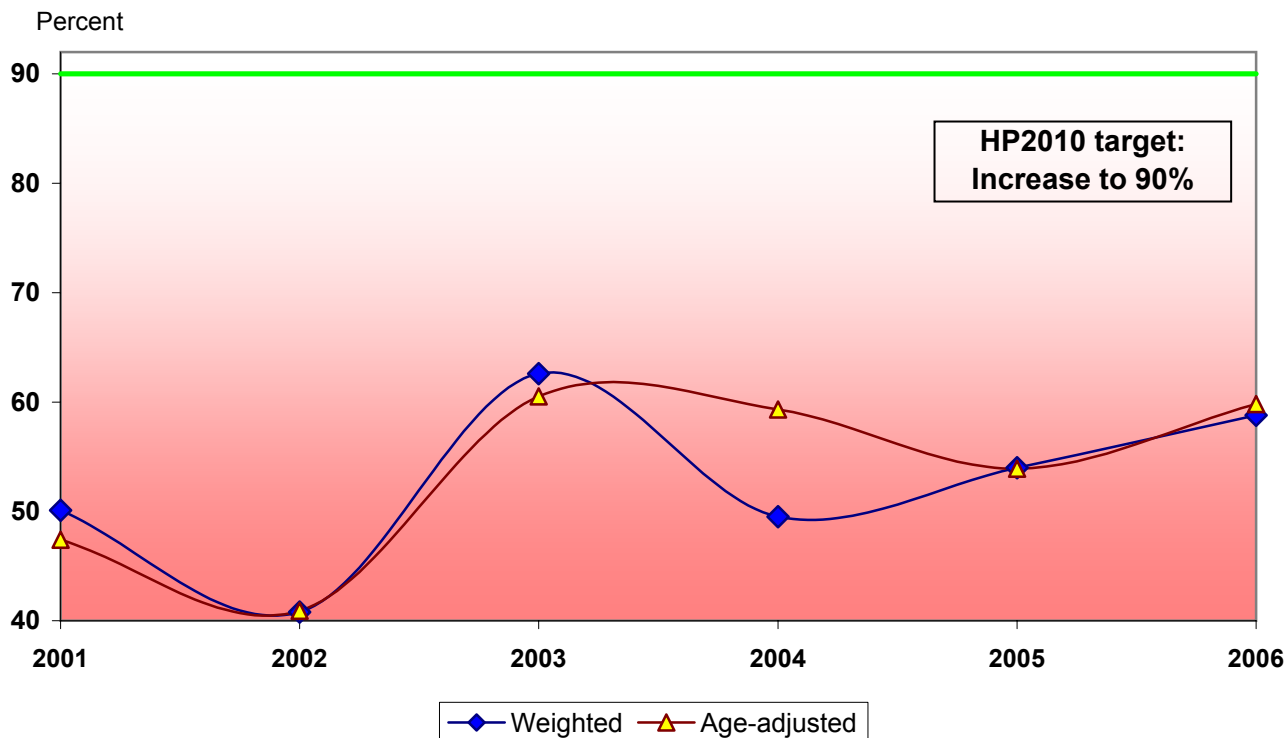


YEAR	2001	2002	2003	2004	2005	2006
Sample size	77	111	93	50	142	154
Had a pneumonia shot	38	53	58	28	72	79
Weight percentage	47.2	51.9	60.2	55.6	46.9	52.9
95% C.I.	(33.5 - 61.3)	(39.1 - 64.4)	(46.6 - 72.4)	(36.2 - 73.5)	(36.6 - 57.4)	(42.8 - 62.7)
Age-adjusted percentage	46.9	52.0	60.4	60.7	47.2	53.1
95% C.I.	(33.3 - 61.0)	(39.5 - 64.3)	(46.6 - 72.8)	(44.1 - 75.1)	(36.8 - 57.9)	(43.2 - 62.7)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29b/ SUPPLEMENT 5

**Percent of Filipinos, aged 65+, who had a pneumonia shot
Hawaii, 2001-2006**

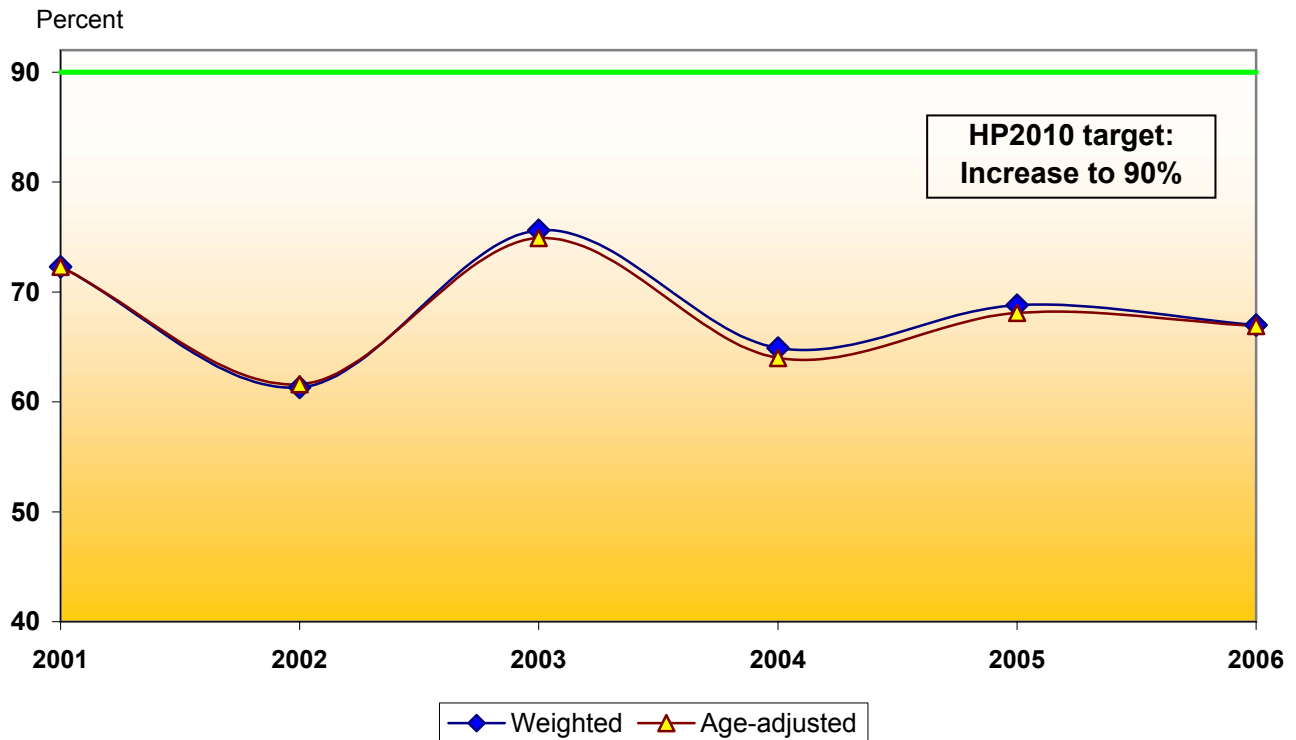


YEAR	2001	2002	2003	2004	2005	2006
Sample size	81	135	81	51	137	111
Had a pneumonia shot	42	53	44	26	78	64
Weight percentage	50.1	40.8	62.6	49.5	54.0	58.8
95% C.I.	(33.0 - 67.1)	(29.7 - 52.9)	(49.2 - 74.3)	(30.1 - 69.0)	(41.9 - 65.7)	(45.2 - 71.2)
Age-adjusted percentage	47.4	40.9	60.5	59.3	53.9	59.8
95% C.I.	(31.7 - 63.5)	(30.3 - 52.5)	(47.5 - 72.2)	(43.3 - 73.6)	(41.7 - 65.6)	(45.9 - 72.2)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29b/ SUPPLEMENT 6

**Percent of Japanese, aged 65+, who had a pneumonia shot
Hawaii, 2001-2006**

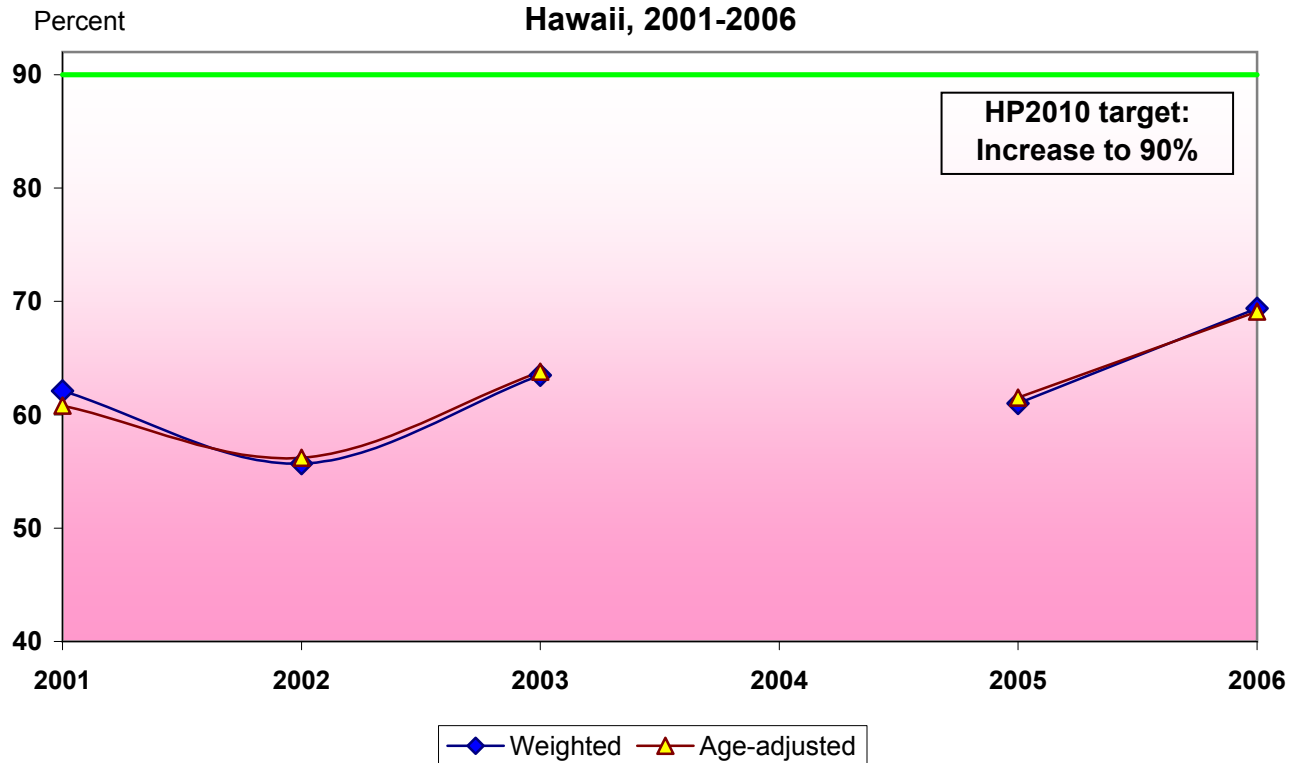


YEAR	2001	2002	2003	2004	2005	2006
Sample size	281	430	280	145	492	478
Had a pneumonia shot	199	269	207	103	341	331
Weight percentage	72.3	61.3	75.6	64.9	68.8	67.0
95% C.I.	(65.5 - 78.2)	(55.4 - 66.8)	(69.0 - 81.2)	(53.3 - 74.9)	(63.6 - 73.6)	(61.5 - 72.1)
Age-adjusted percentage	72.3	61.6	74.9	64.0	68.1	66.9
95% C.I.	(65.6 - 78.2)	(55.7 - 67.2)	(68.0 - 80.7)	(52.3 - 74.1)	(62.6 - 73.1)	(61.3 - 72.1)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29b/ SUPPLEMENT 7

Percent of adults of other races, aged 65+,
who had a pneumonia shot
Hawaii, 2001-2006

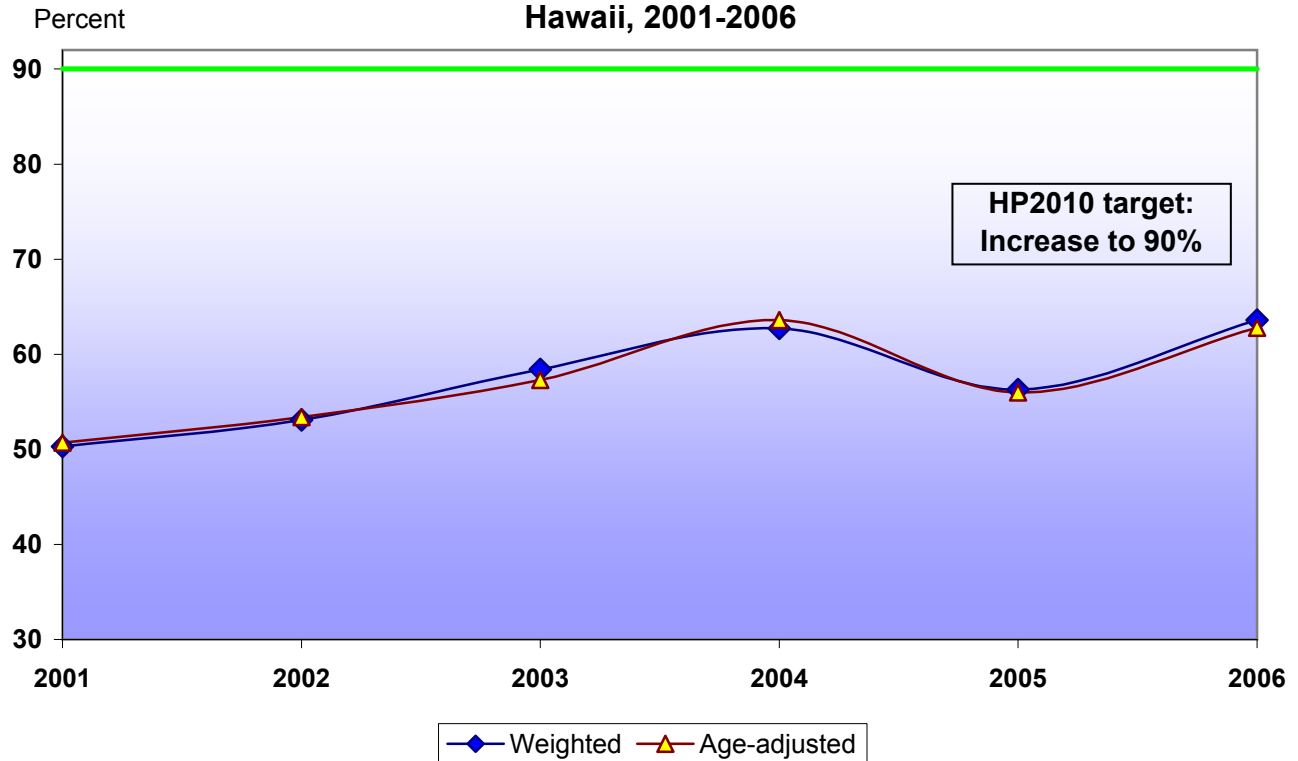


YEAR	2001	2002	2003	2004	2005	2006
Sample size	90	130	108	<i>less than 50</i>	144	169
Had a pneumonia shot	55	72	74		85	115
Weight percentage	62.1	55.7	63.5		61.0	69.4
95% C.I.	(49.5 - 73.3)	(45.4 - 65.6)	(50.3 - 74.9)		(50.3 - 70.8)	(60.7 - 76.9)
Age-adjusted percentage	60.8	56.2	63.8		61.5	69.1
95% C.I.	(47.9 - 72.3)	(46.2 - 65.8)	(51.4 - 74.6)		(51.1 - 71.0)	(60.4 - 76.6)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29b/ SUPPLEMENT

**Percent of adults, in low income households, aged 65+,
who had a pneumonia shot
Hawaii, 2001-2006**

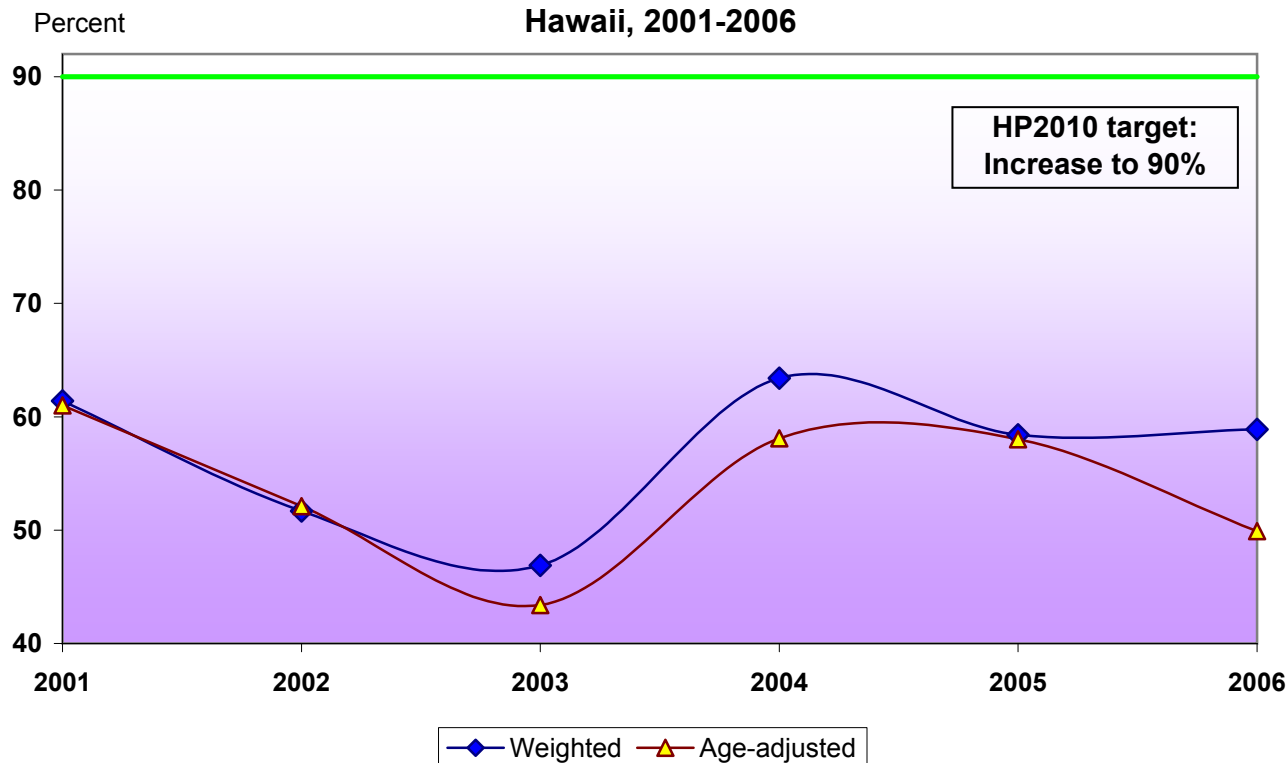


YEAR	2001	2002	2003	2004	2005	2006
Sample size	102	132	134	53	131	128
Had a pneumonia shot	53	75	80	35	79	74
Weight percentage	50.3	53.1	58.4	62.7	56.3	63.6
95% C.I.	(34.6 - 66.0)	(41.7 - 64.2)	(47.5 - 68.5)	(42.2 - 79.5)	(44.7 - 67.3)	(51.9 - 73.8)
Age-adjusted percentage	50.7	53.4	57.3	63.6	56.0	62.8
95% C.I.	(35.3 - 66.1)	(42.1 - 64.4)	(46.2 - 67.8)	(43.7 - 79.7)	(44.7 - 66.8)	(51.5 - 72.8)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29b/ SUPPLEMENT 8

**Percent of adults, aged 65+, with less education,
who had a pneumonia shot
Hawaii, 2001-2006**

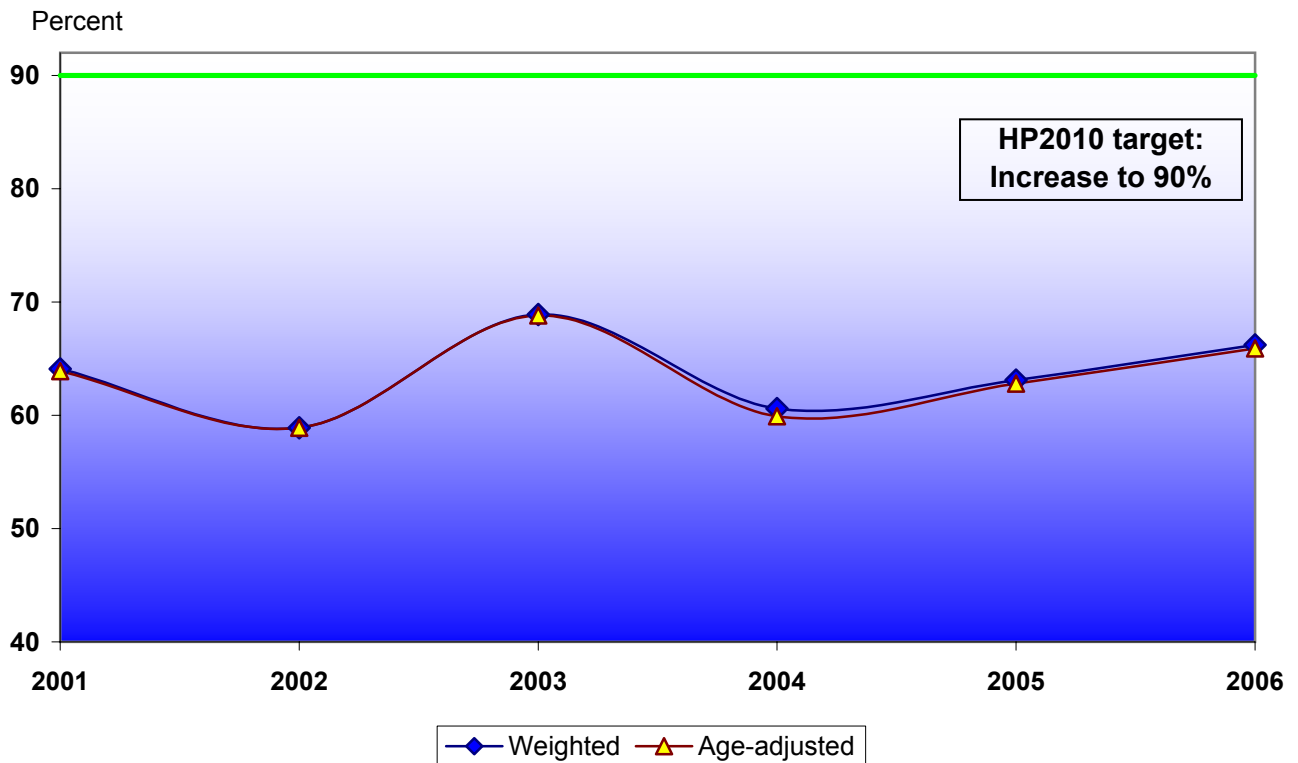


YEAR	2001	2002	2003	2004	2005	2006
Sample size	160	220	130	69	186	191
Had a pneumonia shot	95	117	73	48	105	112
Weight percentage	61.4	51.7	46.9	63.4	58.4	58.9
95% C.I.	(49.4 - 72.1)	(42.7 - 60.6)	(35.6 - 58.5)	(44.5 - 79.0)	(48.3 - 67.9)	(49.1 - 68.0)
Age-adjusted percentage	61.0	52.1	43.4	58.1	58.0	49.9
95% C.I.	(47.2 - 73.2)	(41.6 - 62.4)	(33.4 - 54.0)	(44.4 - 70.7)	(46.4 - 68.8)	(40.0 - 59.9)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29b/ SUPPLEMENT 9

Percent of adults, aged 65+, who had a pneumonia shot Honolulu county, Hawaii, 2001-2006

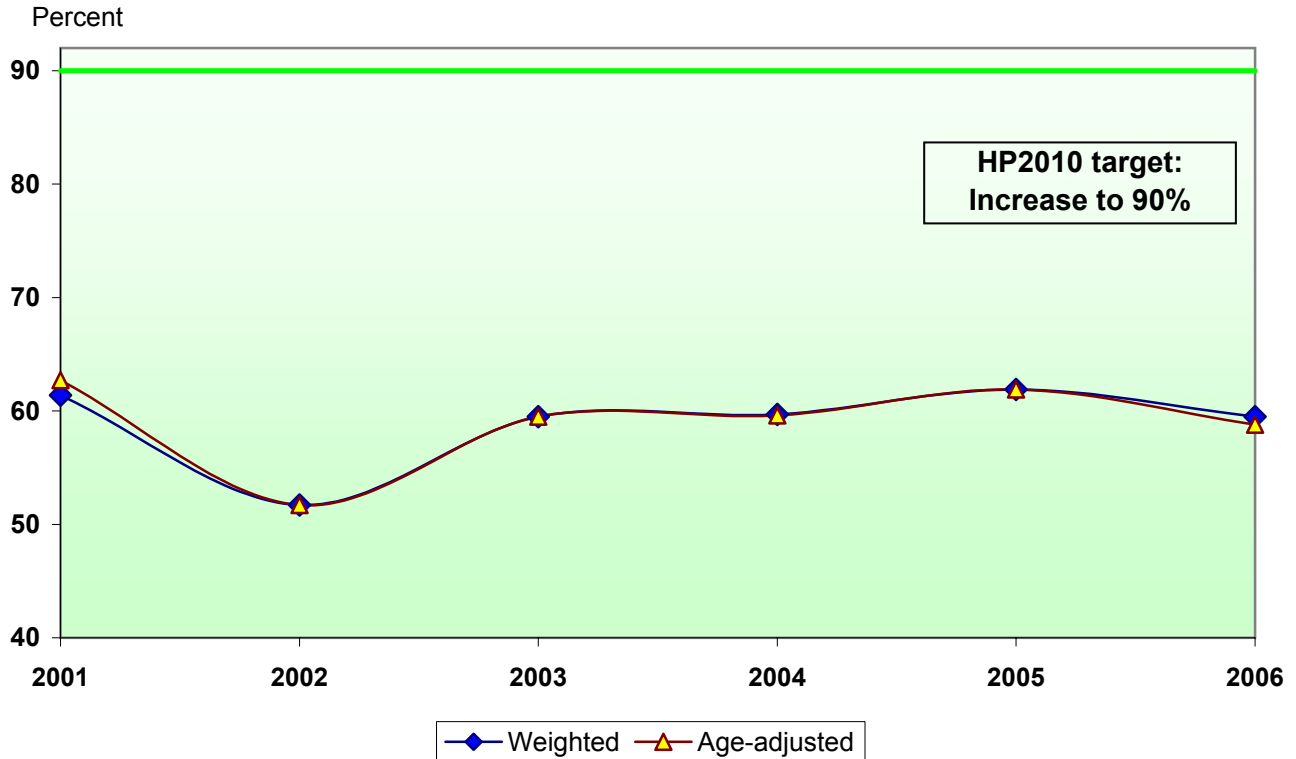


YEAR	2001	2002	2003	2004	2005	2006
Sample size	361	592	470	197	726	734
Had a pneumonia shot	235	356	326	123	463	488
Weight percentage	64.1	58.9	68.9	60.6	63.1	66.2
95% C.I.	(58.0 - 69.8)	(54.2 - 63.4)	(63.7 - 73.6)	(52.3 - 68.4)	(58.8 - 67.1)	(62.2 - 70.0)
Age-adjusted percentage	63.9	58.9	68.8	59.9	62.8	65.9
95% C.I.	(57.9 - 69.6)	(54.2 - 63.4)	(63.6 - 73.6)	(52.0 - 67.4)	(58.6 - 66.9)	(61.9 - 69.8)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29b/ SUPPLEMENT 10

**Percent of adults, aged 65+, who had a pneumonia shot
Hawaii county, Hawaii, 2001-2006**

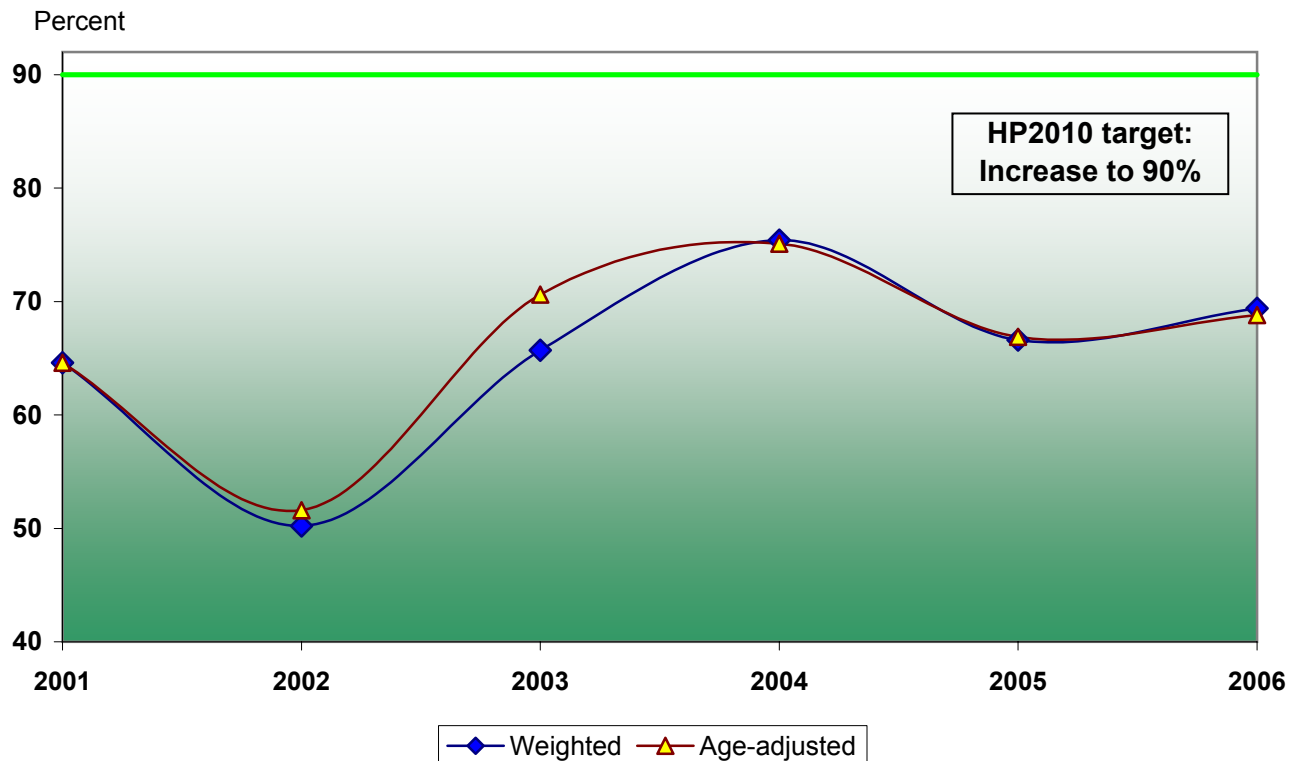


YEAR	2001	2002	2003	2004	2005	2006
Sample size	204	325	219	124	381	330
Had a pneumonia shot	125	180	133	76	244	190
Weight percentage	61.4	51.7	59.5	59.7	61.9	59.5
95% C.I.	(53.8 - 68.6)	(45.6 - 57.9)	(51.9 - 66.7)	(49.3 - 69.3)	(56.0 - 67.4)	(53.5 - 65.2)
Age-adjusted percentage	62.7	51.7	59.5	59.6	61.9	58.8
95% C.I.	(55.1 - 69.7)	(45.5 - 57.9)	(51.9 - 66.7)	(49.2 - 69.2)	(56.1 - 67.4)	(53.0 - 64.3)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29b/ SUPPLEMENT 11

Percent of adults, aged 65+, who had a pneumonia shot
Kauai county, Hawaii, 2001-2006

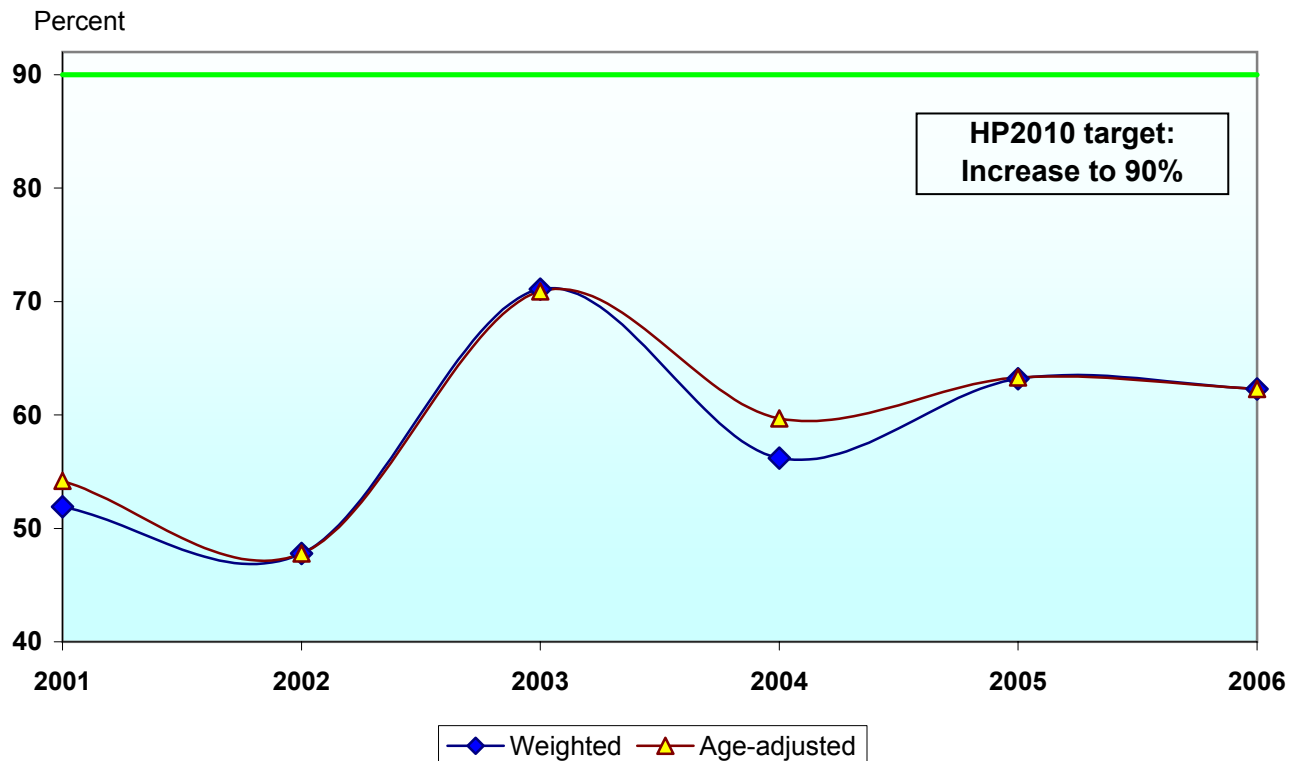


YEAR	2001	2002	2003	2004	2005	2006
Sample size	94	125	78	63	134	144
Had a pneumonia shot	59	71	50	45	88	102
Weight percentage	64.6	50.2	65.7	75.4	66.6	69.4
95% C.I.	(52.3 - 75.3)	(39.6 - 60.8)	(53.0 - 76.5)	(62.5 - 84.9)	(57.1 - 74.9)	(59.1 - 78.1)
Age-adjusted percentage	64.6	51.6	70.6	75.1	66.9	68.8
95% C.I.	(52.4 - 75.1)	(40.4 - 62.6)	(60.0 - 79.4)	(61.9 - 84.8)	(57.6 - 75.1)	(58.7 - 77.4)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29b/ SUPPLEMENT 12

Percent of adults, aged 65+, who had a pneumonia shot
Maui county, Hawaii, 2001-2006

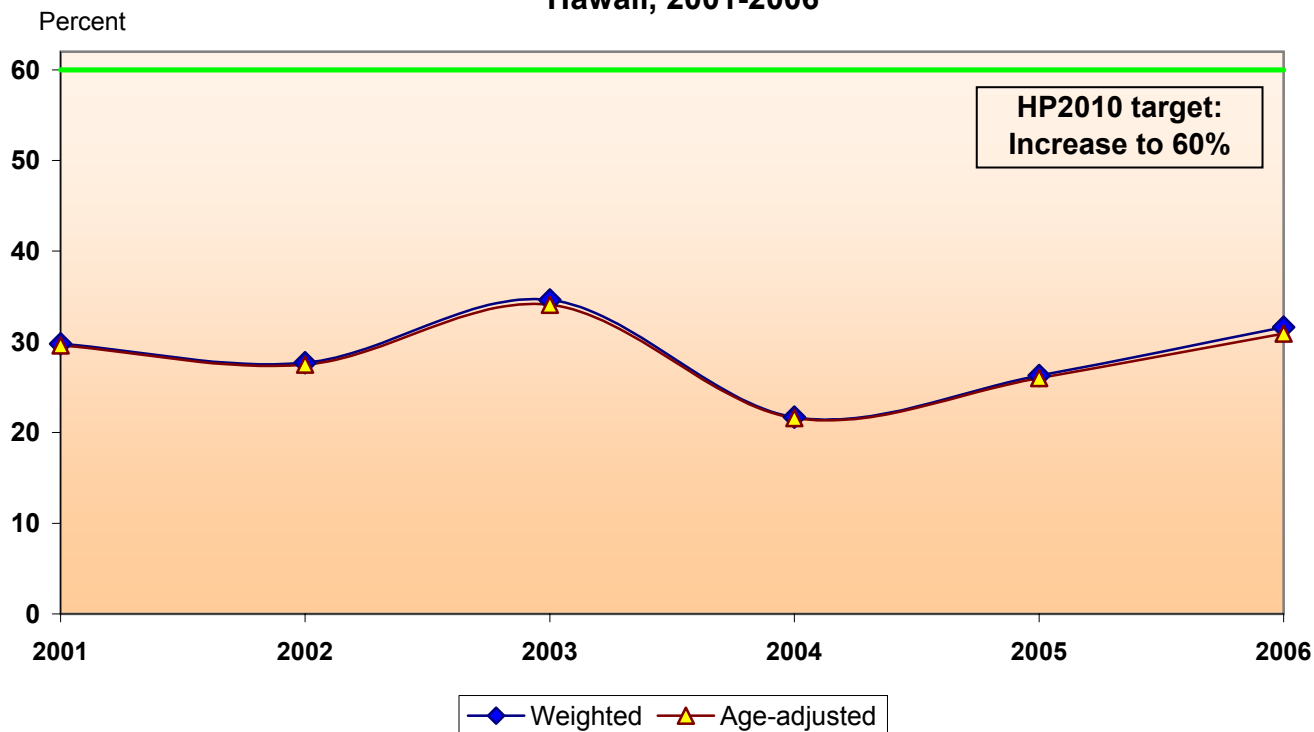


YEAR	2001	2002	2003	2004	2005	2006
Sample size	160	207	116	76	230	288
Had a pneumonia shot	86	102	79	50	144	182
Weight percentage	51.9	47.8	71.1	56.2	63.2	62.3
95% C.I.	(42.8 - 60.9)	(39.6 - 56.0)	(60.1 - 80.2)	(42.3 - 69.3)	(55.0 - 70.7)	(55.0 - 69.2)
Age-adjusted percentage	54.2	47.8	70.9	59.7	63.3	62.3
95% C.I.	(45.4 - 62.7)	(39.6 - 56.0)	(60.5 - 79.6)	(45.8 - 72.2)	(55.2 - 70.7)	(55.0 - 69.1)
GOAL (%)	90	90	90	90	90	90

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29c

**Percent of adults, aged 18 to 64, who had a flu shot
within the past 12 months
Hawaii, 2001-2006**

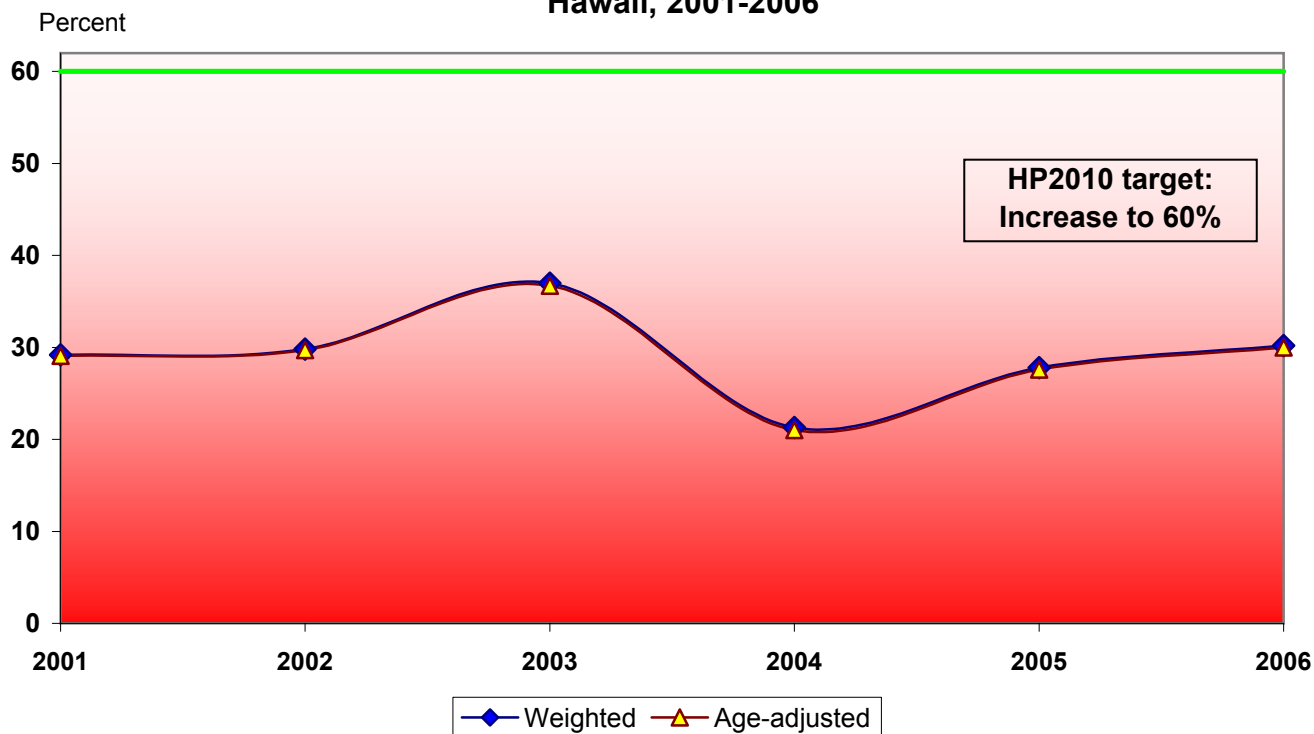


YEAR	2001	2002	2003	2004	2005	2006
Sample size	3681	4751	3456	1742	4945	5006
Had a flu shot in the past 12 months	962	1216	1073	320	1146	1535
Weight percentage	29.8	27.7	34.6	21.7	26.3	31.6
95% C.I.	(27.7 - 32.0)	(26.0 - 29.5)	(32.6 - 36.7)	(18.9 - 24.8)	(24.6 - 28.1)	(29.8 - 33.4)
Age-adjusted percentage	29.6	27.5	34.1	21.6	26.0	30.9
95% C.I.	(27.5 - 31.8)	(25.8 - 29.3)	(32.1 - 36.2)	(18.8 - 24.7)	(24.2 - 27.8)	(29.1 - 32.8)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29c/ SUPPLEMENT 1

Percent of men, aged 18 to 64, who had a flu shot
within the past 12 months
Hawaii, 2001-2006

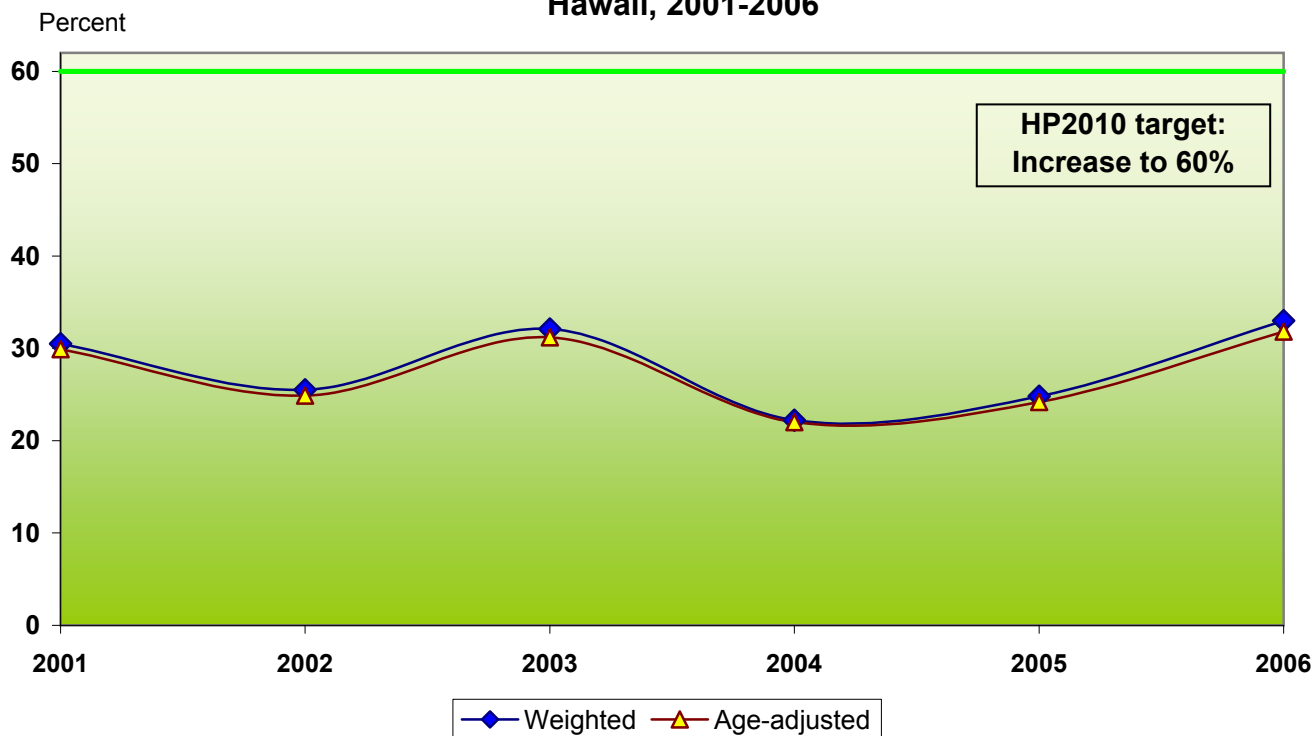


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1626	2120	1436	704	2022	2148
Had a flu shot in the past 12 months	425	540	462	132	483	626
Weight percentage	29.2	29.8	37.0	21.3	27.8	30.2
95% C.I.	(26.1 - 32.4)	(27.1 - 32.6)	(33.9 - 40.3)	(17.2 - 26.1)	(25.1 - 30.6)	(27.6 - 33.1)
Age-adjusted percentage	29.1	29.7	36.7	21.0	27.6	30.0
95% C.I.	(26.0 - 32.3)	(27.1 - 32.5)	(33.6 - 39.9)	(17.1 - 25.5)	(24.9 - 30.5)	(27.3 - 32.8)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29c/ SUPPLEMENT 2

**Percent of women, aged 18 to 64, who had a flu shot
within the past 12 months
Hawaii, 2001-2006**

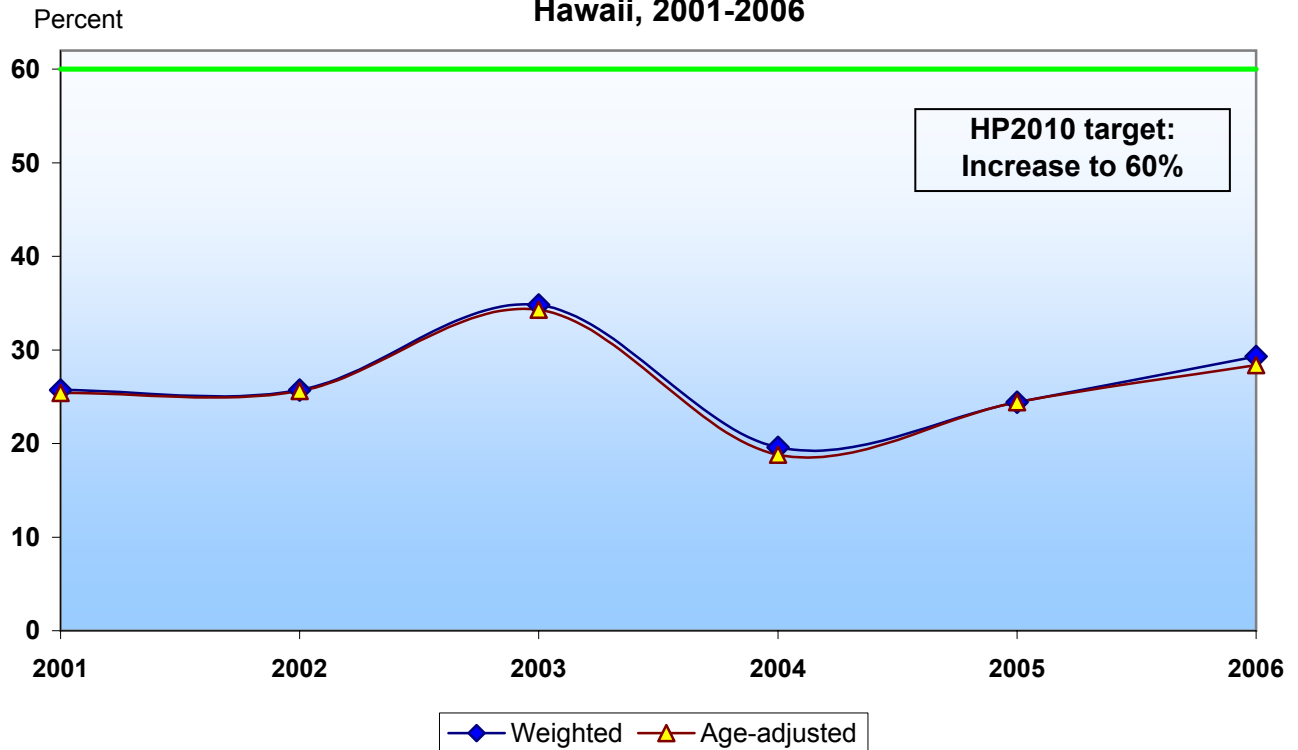


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2055	2631	2020	1038	2923	2858
Had a flu shot in the past 12 months	537	676	611	188	663	909
Weight percentage	30.5	25.5	32.1	22.2	24.8	33.0
95% C.I.	(27.7 - 33.4)	(23.4 - 27.7)	(29.6 - 34.7)	(18.6 - 26.2)	(22.7 - 27.0)	(30.7 - 35.4)
Age-adjusted percentage	29.9	24.9	31.2	22.0	24.2	31.8
95% C.I.	(27.1 - 32.8)	(22.9 - 27.0)	(28.8 - 33.8)	(18.3 - 26.2)	(22.1 - 26.5)	(29.5 - 34.2)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29c/ SUPPLEMENT 3

**Percent of White adults, aged 18 to 64, who had a flu shot
within the past 12 months
Hawaii, 2001-2006**

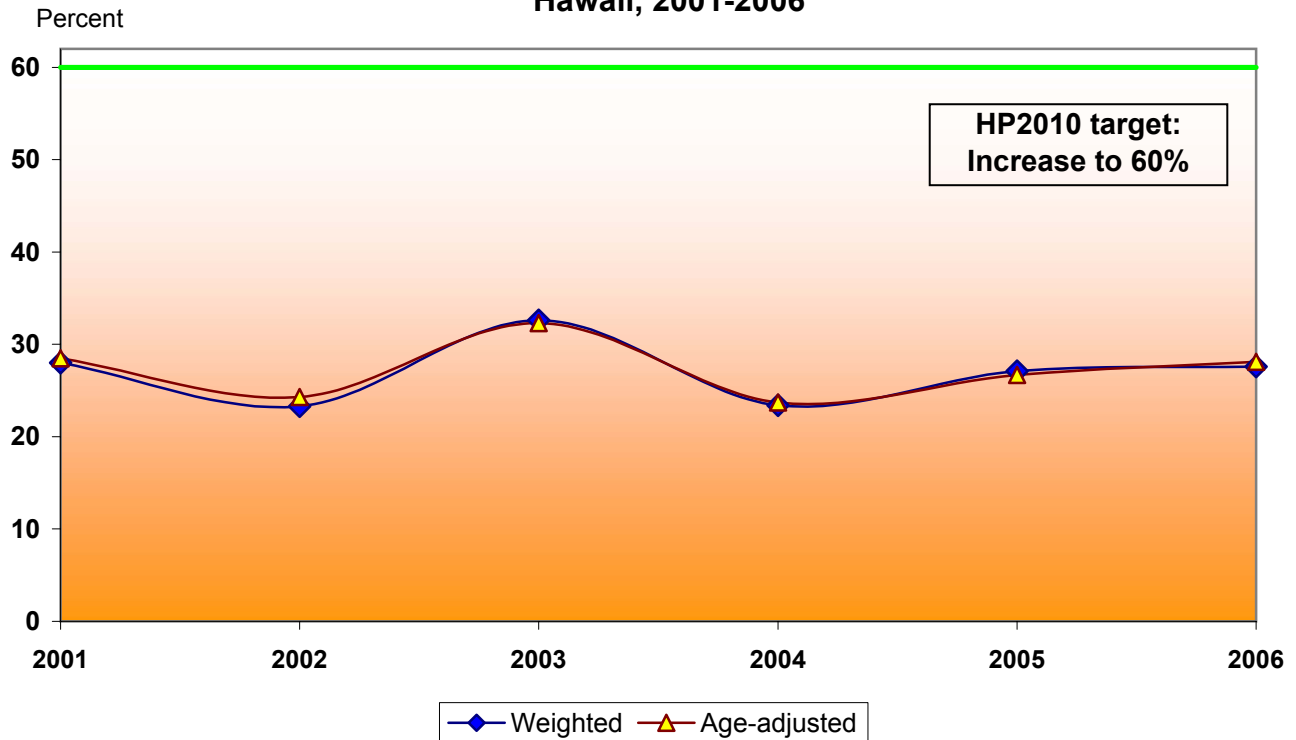


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1567	2038	1345	695	2144	2137
Had a flu shot in the past 12 months	344	446	392	113	426	577
Weight percentage	25.7	25.7	34.8	19.6	24.4	29.3
95% C.I.	(22.8 - 28.8)	(23.0 - 28.7)	(31.5 - 38.2)	(15.9 - 23.9)	(21.8 - 27.2)	(26.7 - 32.1)
Age-adjusted percentage	25.4	25.6	34.3	18.8	24.4	28.4
95% C.I.	(22.5 - 28.6)	(22.8 - 28.6)	(31.0 - 37.7)	(15.0 - 23.3)	(21.6 - 27.5)	(25.5 - 31.4)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29c/ SUPPLEMENT 4

**Percent of Hawaiians, aged 18 to 64, who had a flu shot
within the past 12 months
Hawaii, 2001-2006**

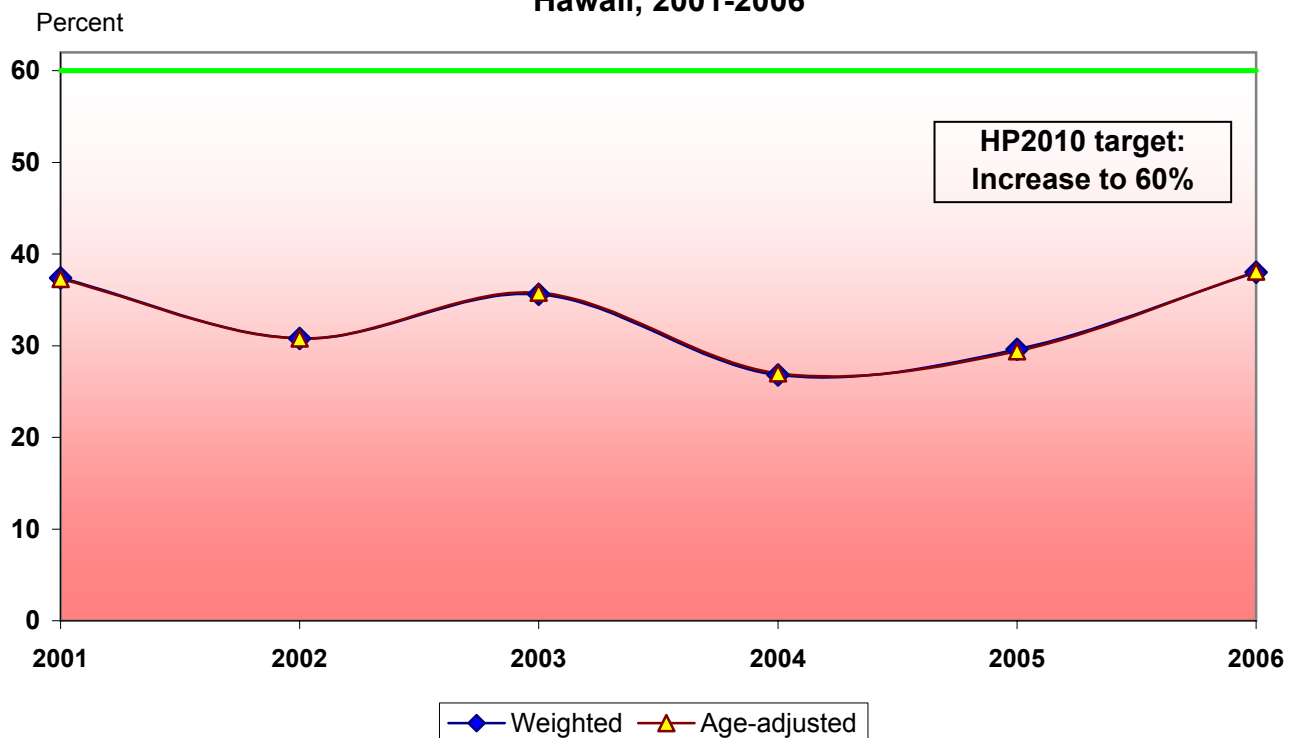


YEAR	2001	2002	2003	2004	2005	2006
Sample size	508	660	519	313	641	635
Had a flu shot in the past 12 months	124	164	161	62	160	179
Weight percentage	28.0	23.3	32.6	23.4	27.1	27.6
95% C.I.	(22.7 - 34.1)	(19.2 - 28.0)	(27.7 - 38.0)	(17.1 - 31.1)	(22.3 - 32.5)	(23.2 - 32.6)
Age-adjusted percentage	28.5	24.3	32.3	23.7	26.7	28.1
95% C.I.	(23.2 - 34.6)	(20.2 - 29.0)	(27.7 - 37.3)	(17.4 - 31.3)	(22.1 - 31.7)	(23.8 - 32.9)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29c/ SUPPLEMENT 5

**Percent of Filipinos, aged 18 to 64, who had a flu shot
within the past 12 months
Hawaii, 2001-2006**

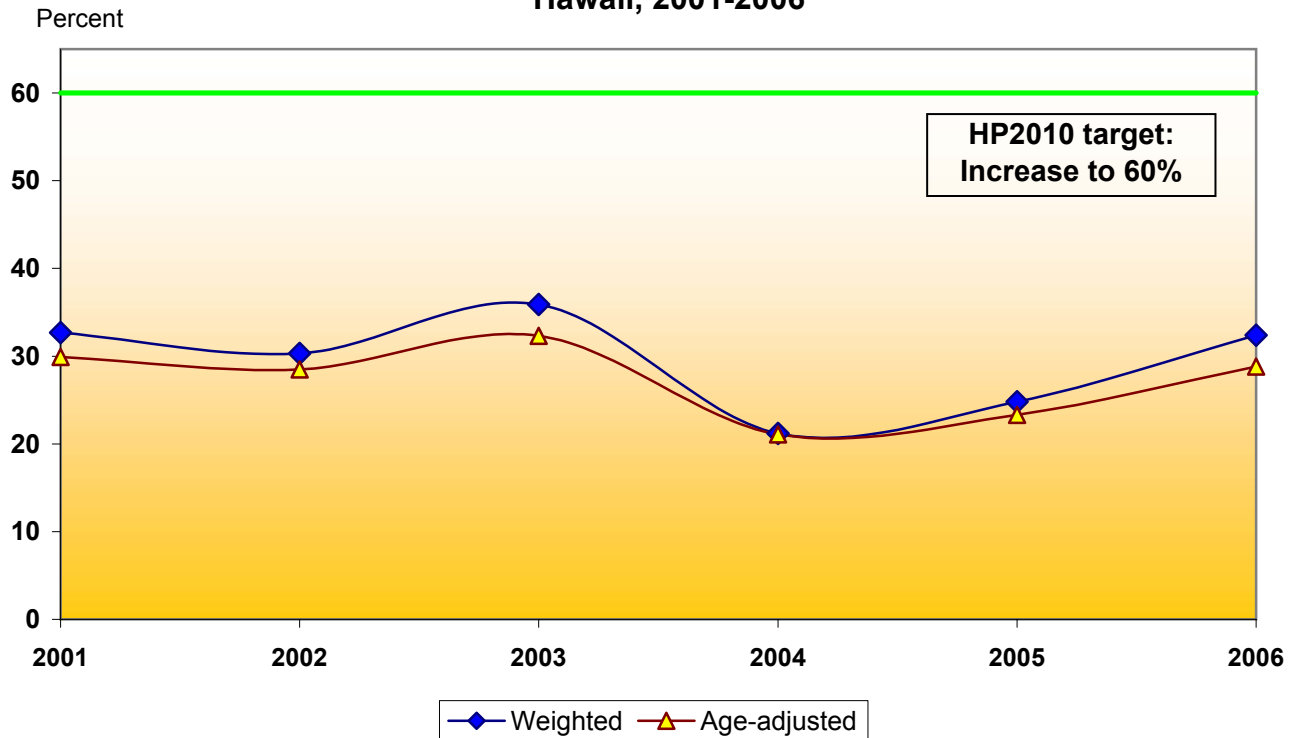


YEAR	2001	2002	2003	2004	2005	2006
Sample size	467	640	423	229	663	665
Had a flu shot in the past 12 months	153	192	146	55	194	240
Weight percentage	37.4	30.8	35.6	26.8	29.6	38.0
95% C.I.	(30.8 - 44.5)	(26.3 - 35.7)	(30.0 - 41.6)	(19.3 - 35.9)	(24.8 - 34.8)	(32.6 - 43.6)
Age-adjusted percentage	37.3	30.8	35.8	27.0	29.4	38.1
95% C.I.	(30.8 - 44.2)	(26.3 - 35.8)	(30.4 - 41.7)	(19.7 - 35.8)	(24.8 - 34.4)	(32.8 - 43.7)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29c/ SUPPLEMENT 6

**Percent of Japanese, aged 18 to 64, who had a flu shot
within the past 12 months
Hawaii, 2001-2006**

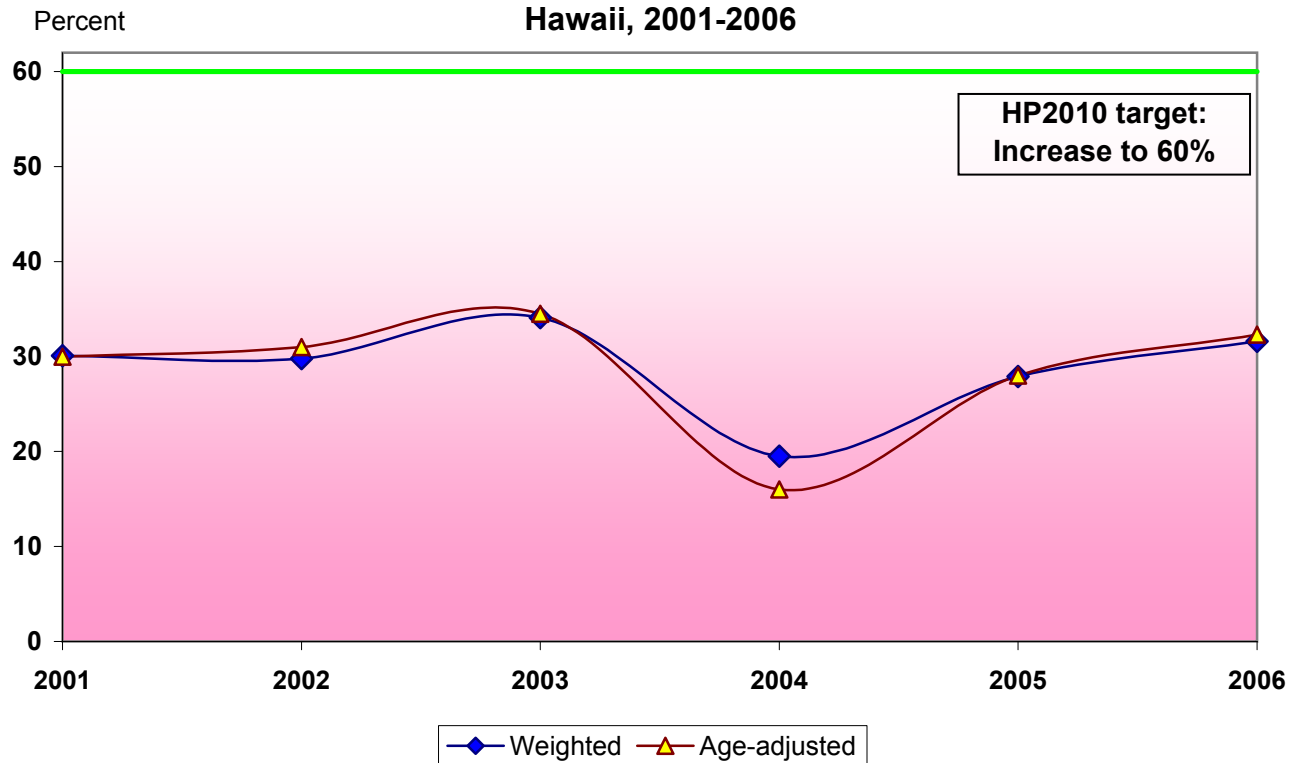


YEAR	2001	2002	2003	2004	2005	2006
Sample size	590	738	501	299	798	798
Had a flu shot in the past 12 months	175	218	172	59	189	289
Weight percentage	32.7	30.3	35.9	21.2	24.8	32.4
95% C.I.	(27.6 - 38.2)	(26.2 - 34.8)	(30.7 - 41.5)	(15.9 - 27.6)	(21.0 - 28.9)	(28.5 - 36.6)
Age-adjusted percentage	29.9	28.5	32.3	21.1	23.3	28.8
95% C.I.	(24.9 - 35.5)	(24.5 - 32.9)	(27.1 - 38.1)	(14.9 - 29.0)	(19.5 - 27.7)	(24.9 - 33.0)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29c/ SUPPLEMENT 7

**Percent of adults of other races, aged 18 to 64, who had a flu shot
within the past 12 months**

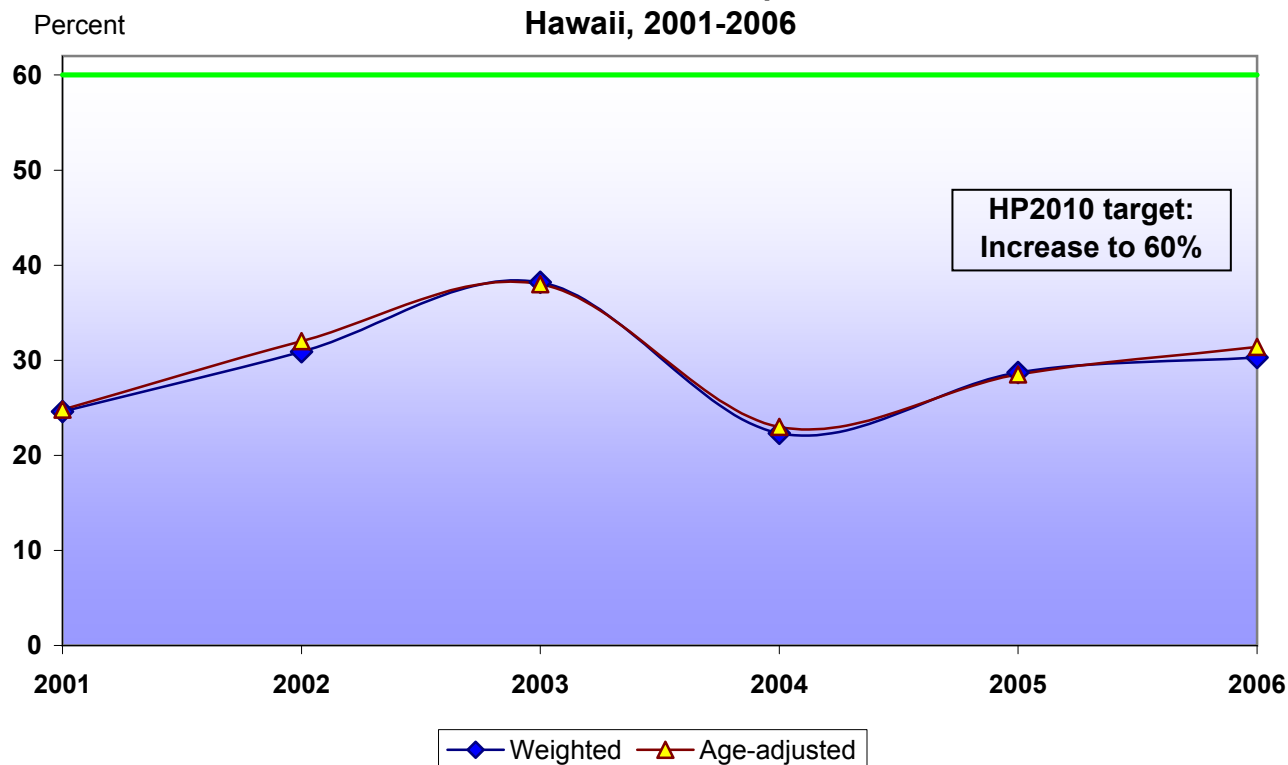


YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	675	668	206	699	771
Had a flu shot in the past 12 months	166	196	202	31	177	250
Weight percentage	30.1	29.8	34.1	19.5	27.9	31.6
95% C.I.	(25.5 - 35.1)	(25.6 - 34.3)	(29.8 - 38.7)	(11.7 - 30.7)	(23.7 - 32.4)	(27.5 - 35.9)
Age-adjusted percentage	30.0	31.0	34.5	16.0	28.0	32.3
95% C.I.	(25.5 - 35.0)	(26.8 - 35.5)	(30.2 - 39.1)	(11.0 - 22.7)	(23.9 - 32.5)	(28.4 - 36.4)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29c/ SUPPLEMENT 8

**Percent of adults, in low income households, aged 18 to 64,
who had a flu shot within the past 12 months**

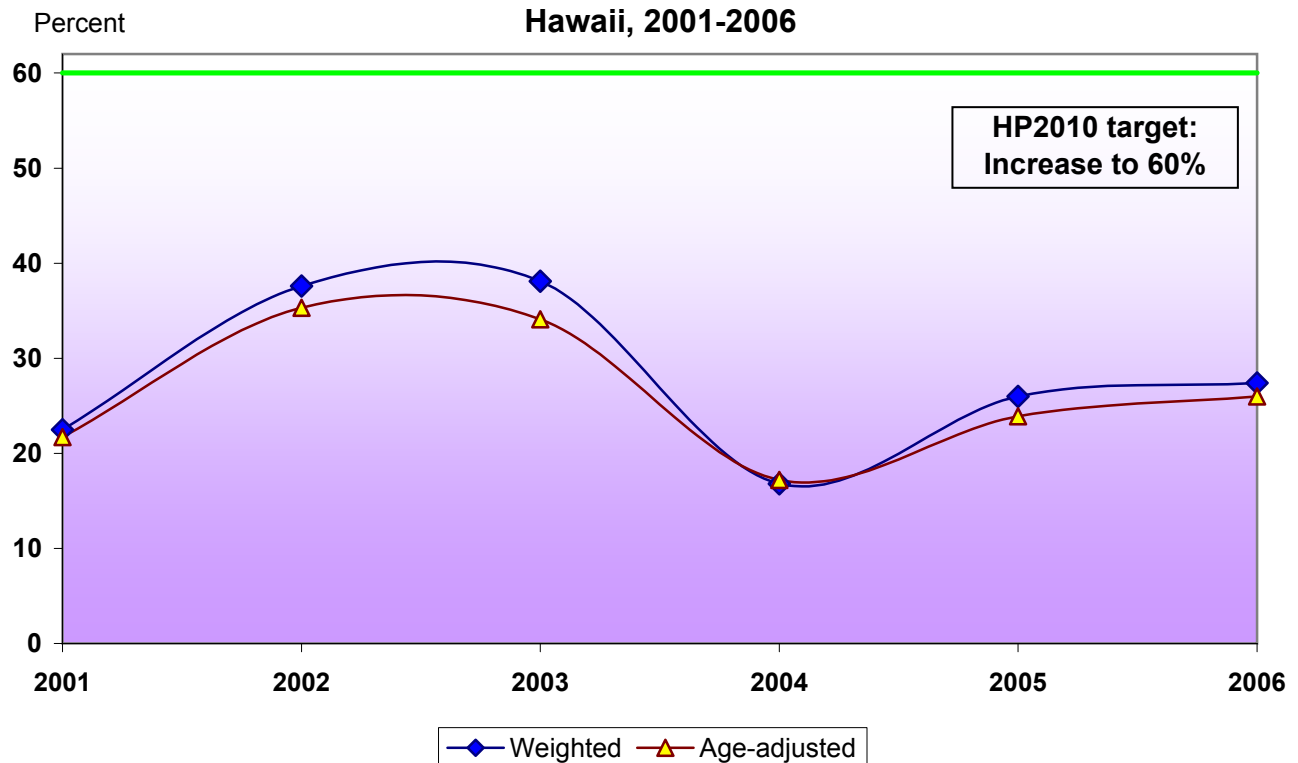


YEAR	2001	2002	2003	2004	2005	2006
Sample size	447	563	467	201	546	568
Had a flu shot in the past 12 months	103	155	155	36	146	153
Weight percentage	24.6	30.9	38.2	22.3	28.7	30.3
95% C.I.	(18.8 - 31.6)	(25.4 - 37.0)	(32.5 - 44.2)	(14.5 - 32.6)	(23.3 - 34.8)	(24.9 - 36.4)
Age-adjusted percentage	24.8	32.0	38.0	23.0	28.5	31.4
95% C.I.	(19.4 - 31.1)	(26.5 - 38.1)	(32.7 - 43.5)	(15.1 - 33.3)	(23.2 - 34.4)	(25.9 - 37.5)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29c/ SUPPLEMENT 9

**Percent of adults, aged 25 to 64, with less education,
who had a flu shot within the past 12 months**

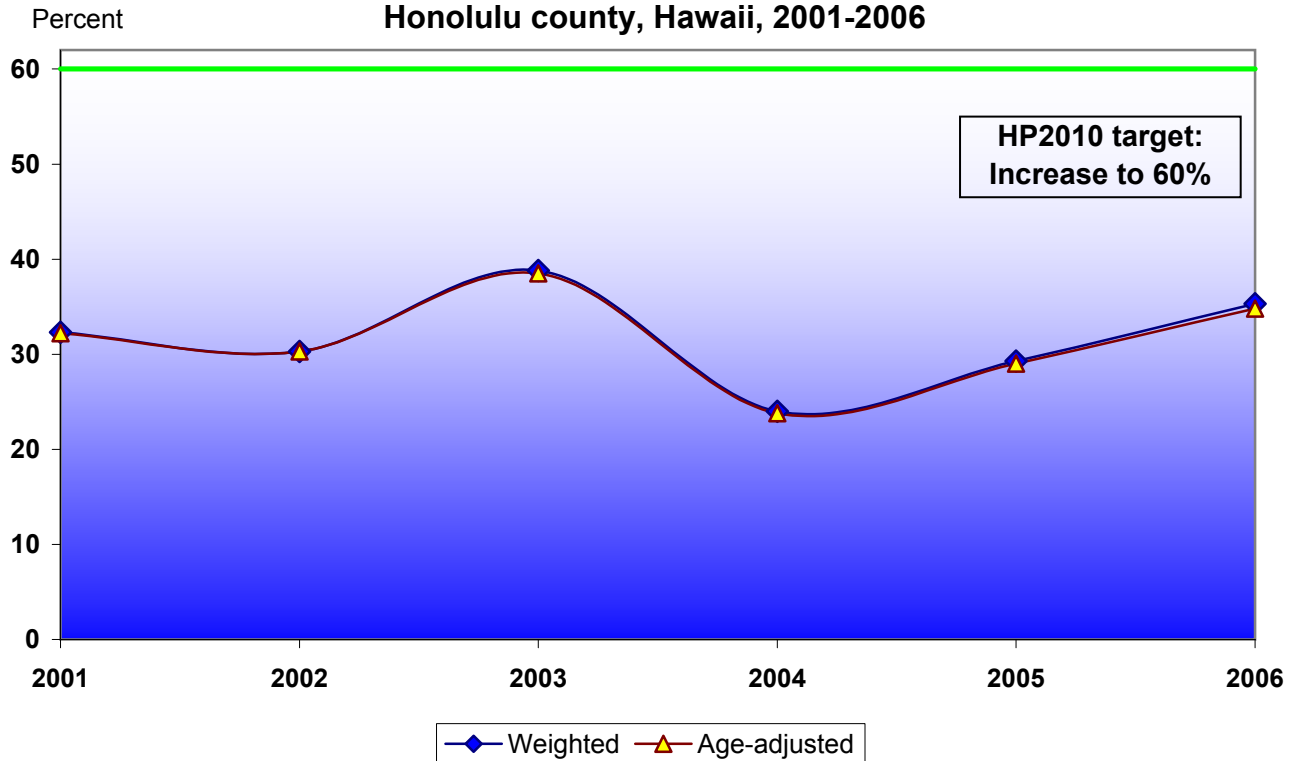


YEAR	2001	2002	2003	2004	2005	2006
Sample size	124	156	109	51	172	187
Had a flu shot in the past 12 months	32	66	42	12	42	61
Weight percentage	22.5	37.6	38.1	16.8	26.0	27.4
95% C.I.	(14.6 - 33.1)	(28.0 - 48.3)	(27.5 - 50.1)	(7.3 - 34.1)	(17.5 - 36.7)	(19.8 - 36.5)
Age-adjusted percentage	21.7	35.3	34.1	17.2	23.9	26.0
95% C.I.	(13.7 - 32.5)	(26.1 - 45.8)	(24.2 - 45.6)	(8.1 - 32.8)	(15.8 - 34.4)	(18.9 - 34.6)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29c/ SUPPLEMENT 10

Percent of adults, aged 18 to 64, who had a flu shot
within the past 12 months
Honolulu county, Hawaii, 2001-2006

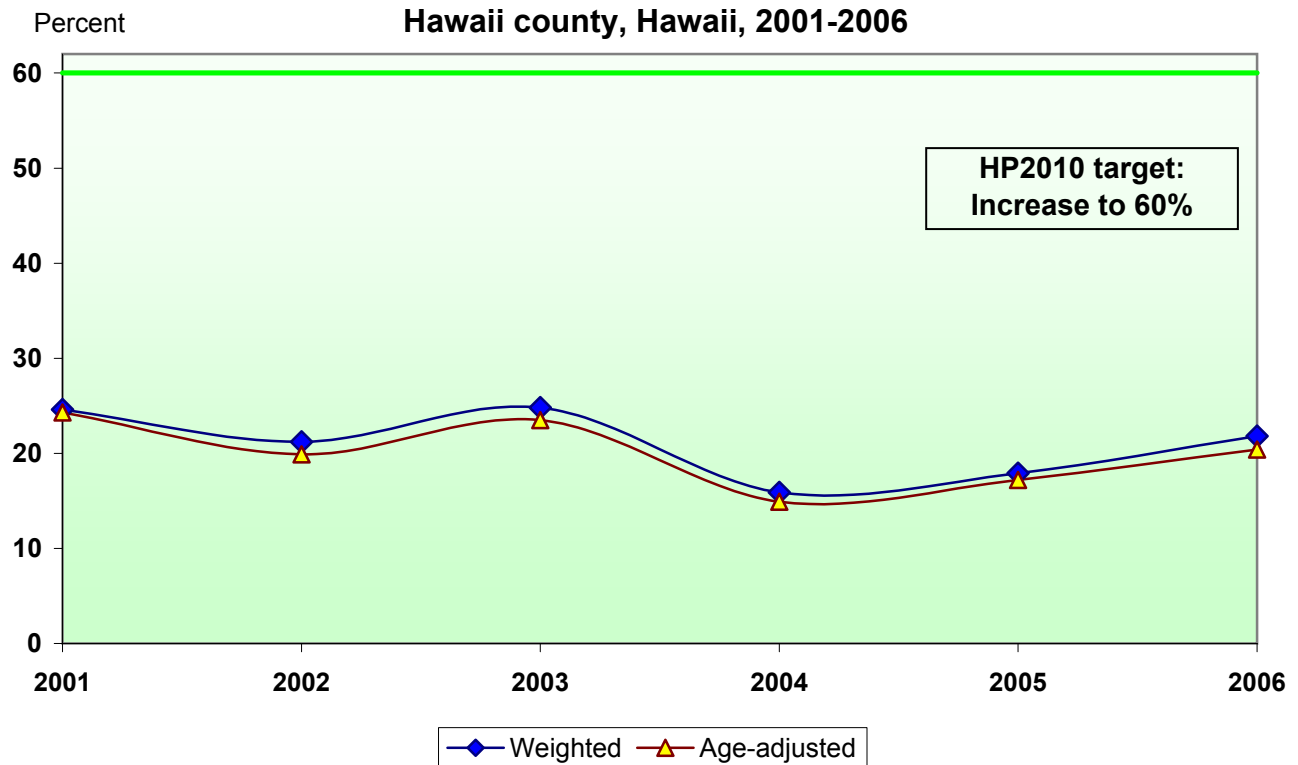


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1559	2220	1776	741	2243	2257
Had a flu shot in the past 12 months	499	657	649	169	624	855
Weight percentage	32.3	30.3	38.8	24.0	29.3	35.3
95% C.I.	(29.6 - 35.1)	(28.1 - 32.7)	(36.1 - 41.5)	(20.3 - 28.1)	(27.0 - 31.7)	(33.0 - 37.8)
Age-adjusted percentage	32.2	30.3	38.5	23.8	29.0	34.8
95% C.I.	(29.4 - 35.0)	(28.1 - 32.7)	(35.9 - 41.2)	(20.2 - 27.7)	(26.8 - 31.4)	(32.5 - 37.3)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29c/ SUPPLEMENT 11

Percent of adults, aged 18 to 64, who had a flu shot within the past 12 months

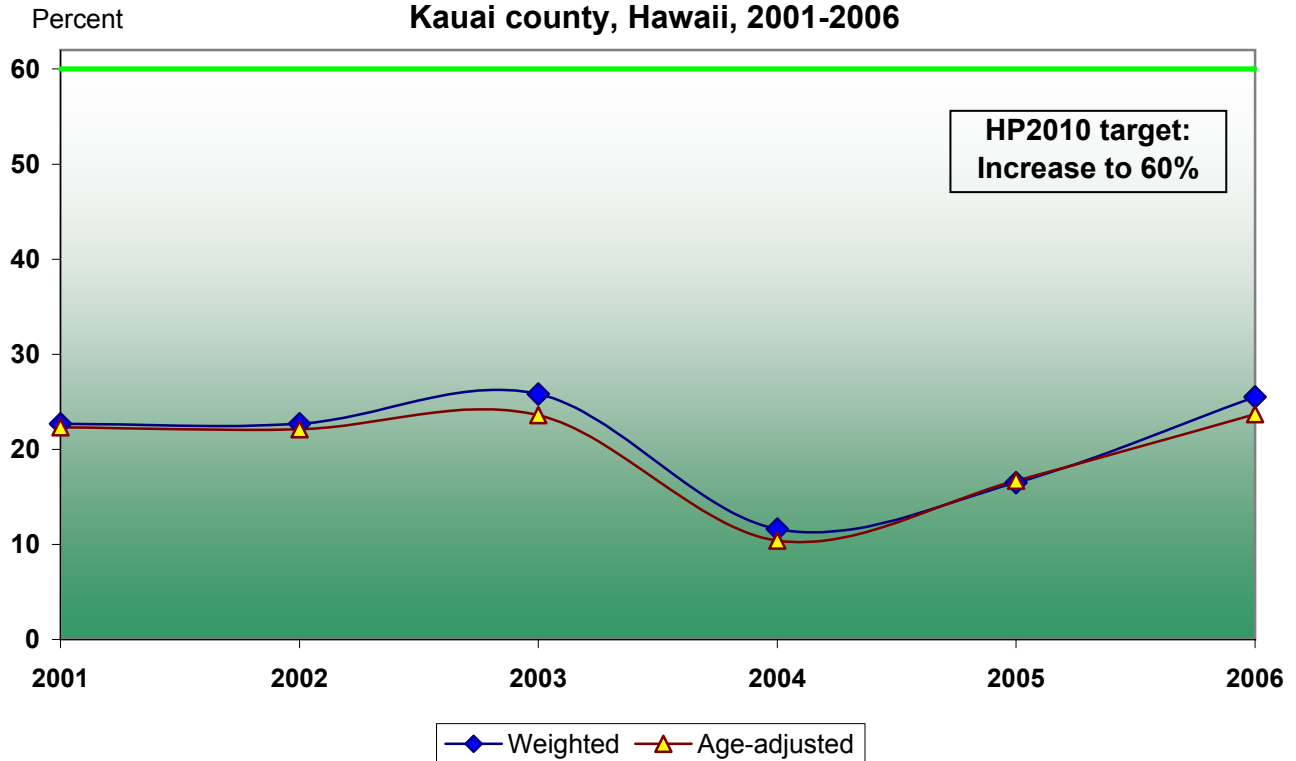


YEAR	2001	2002	2003	2004	2005	2006
Sample size	816	1054	753	440	1278	1055
Had a flu shot in the past 12 months	186	238	185	70	247	261
Weight percentage	24.6	21.2	24.8	15.9	17.9	21.8
95% C.I.	(21.1 - 28.4)	(18.5 - 24.3)	(21.3 - 28.7)	(12.3 - 20.3)	(15.5 - 20.6)	(19.1 - 24.8)
Age-adjusted percentage	24.3	19.9	23.5	14.9	17.2	20.4
95% C.I.	(20.8 - 28.1)	(17.2 - 23.0)	(20.0 - 27.4)	(11.4 - 19.4)	(14.8 - 19.8)	(17.8 - 23.3)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29c/ SUPPLEMENT 12

**Percent of adults, aged 18 to 64, who had a flu shot
within the past 12 months
Kauai county, Hawaii, 2001-2006**

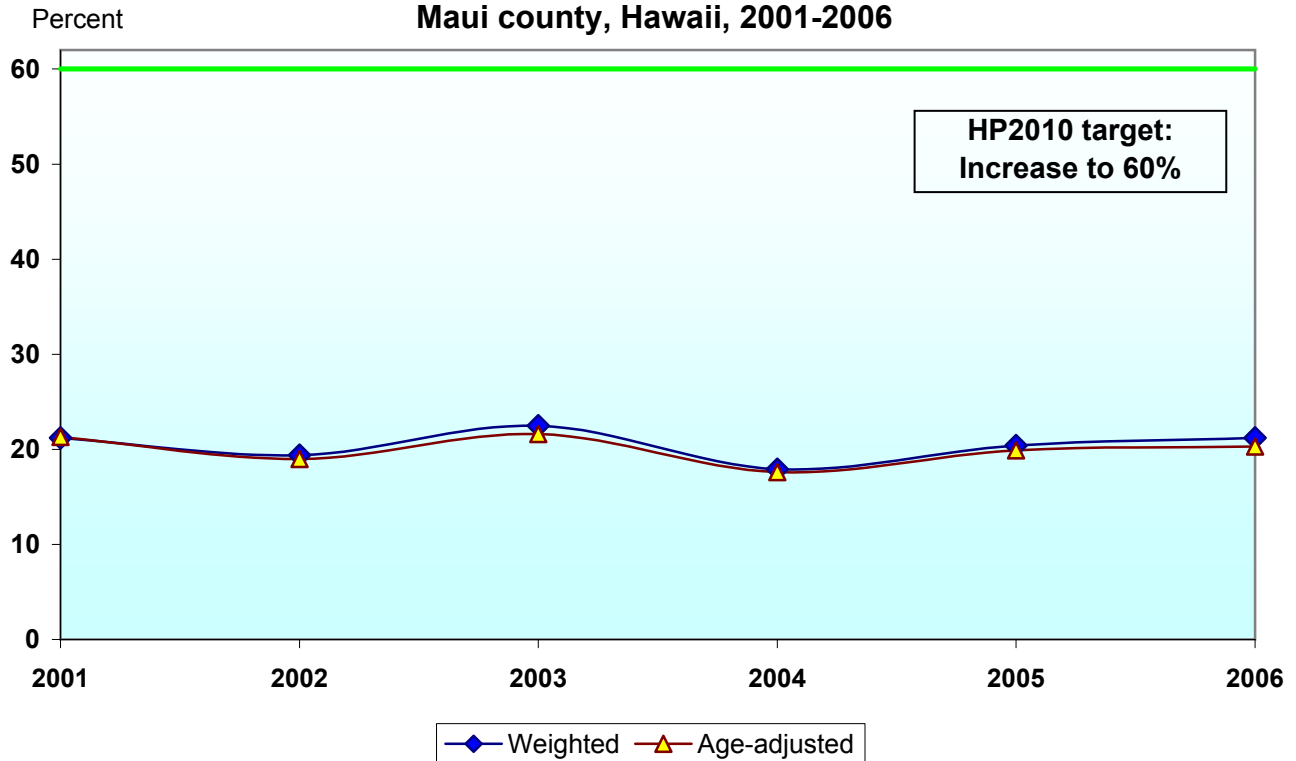


YEAR	2001	2002	2003	2004	2005	2006
Sample size	455	476	343	226	455	512
Had a flu shot in the past 12 months	107	108	96	29	75	137
Weight percentage	22.7	22.7	25.8	11.6	16.5	25.5
95% C.I.	(18.6 - 27.6)	(18.6 - 27.3)	(21.0 - 31.2)	(7.8 - 16.8)	(12.7 - 21.2)	(21.0 - 30.4)
Age-adjusted percentage	22.3	22.1	23.6	10.4	16.7	23.7
95% C.I.	(18.2 - 27.1)	(17.9 - 27.0)	(19.0 - 28.9)	(7.0 - 15.2)	(12.2 - 22.4)	(19.5 - 28.5)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29c/ SUPPLEMENT 13

**Percent of adults, aged 18 to 64, who had a flu shot
within the past 12 months
Maui county, Hawaii, 2001-2006**

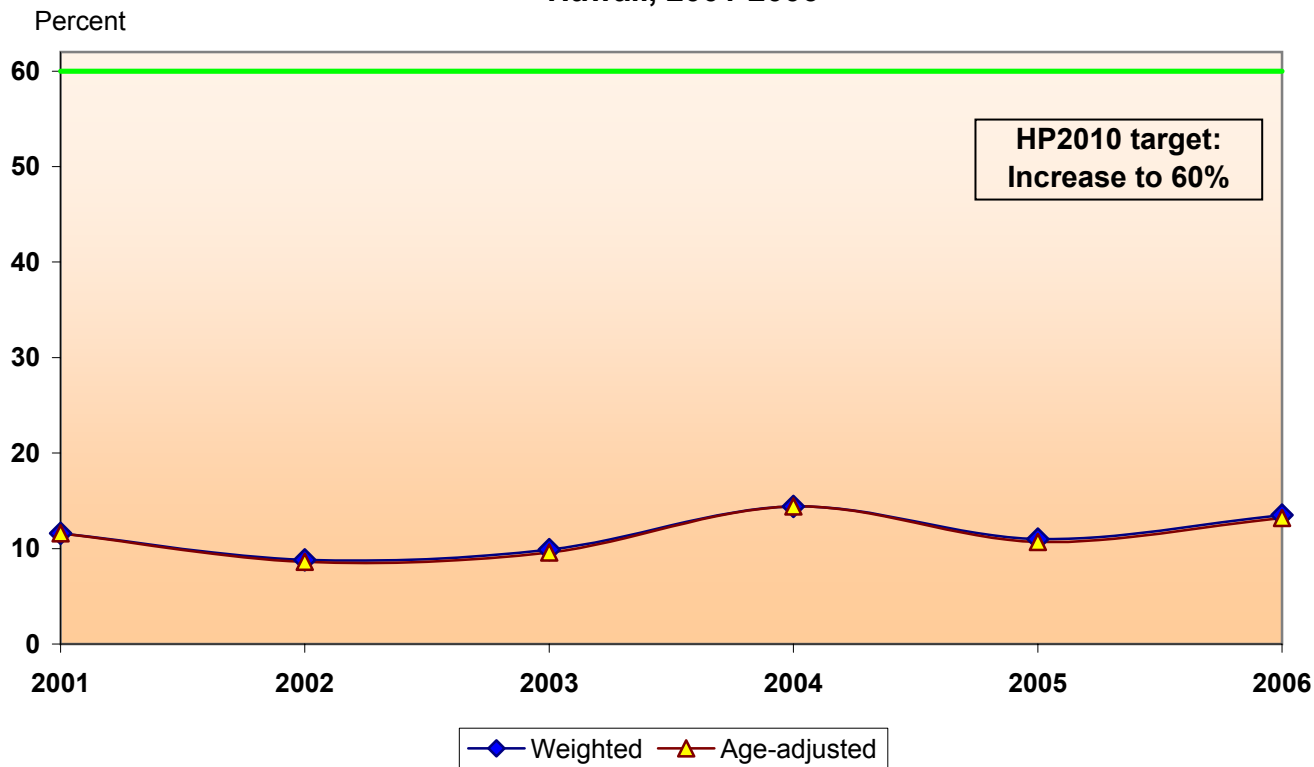


YEAR	2001	2002	2003	2004	2005	2006
Sample size	851	1001	584	335	969	1182
Had a flu shot in the past 12 months	170	213	143	52	200	282
Weight percentage	21.2	19.4	22.5	17.9	20.4	21.2
95% C.I.	(17.8 - 25.1)	(16.7 - 22.4)	(18.6 - 26.9)	(12.9 - 24.3)	(17.3 - 23.9)	(18.4 - 24.3)
Age-adjusted percentage	21.3	19.0	21.6	17.6	19.9	20.3
95% C.I.	(17.7 - 25.2)	(16.3 - 22.0)	(17.7 - 26.1)	(12.4 - 24.4)	(16.7 - 23.5)	(17.6 - 23.3)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29d

Percent of adults, aged 18 to 64, who had a pneumonia shot
Hawaii, 2001-2006

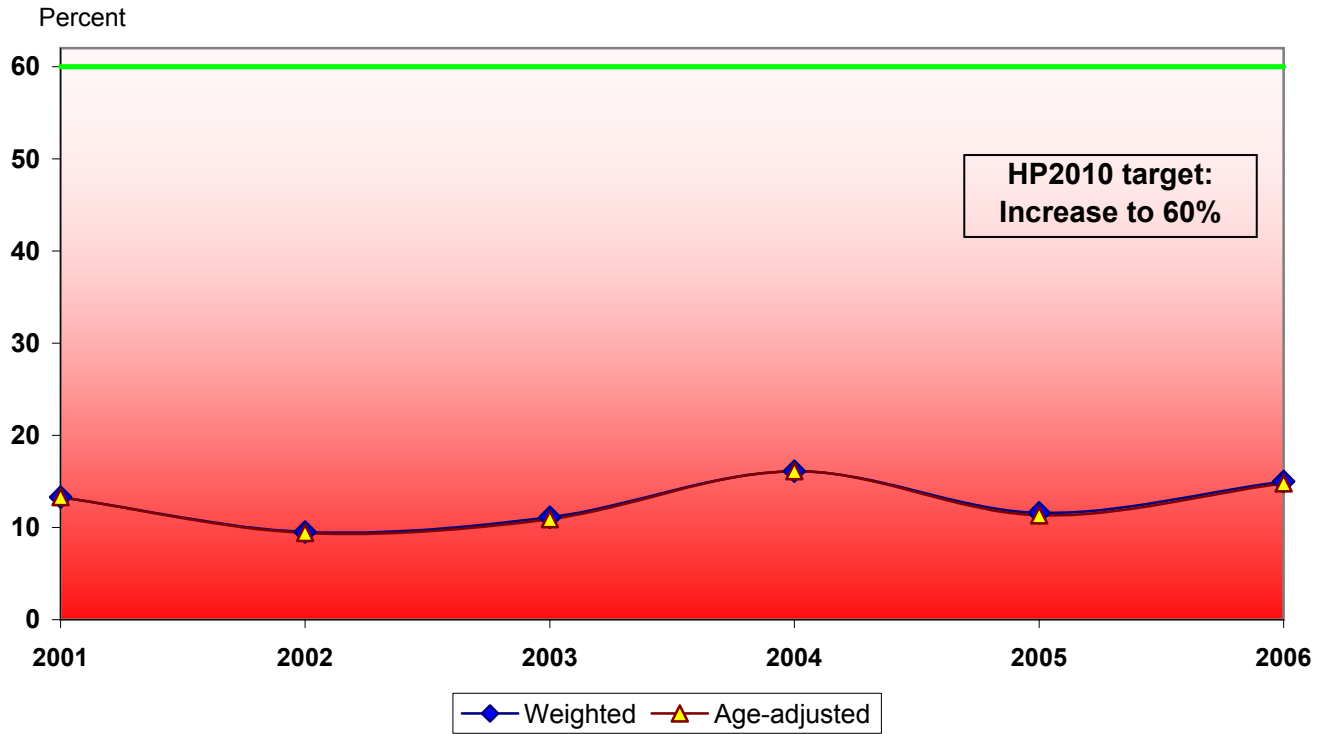


YEAR	2001	2002	2003	2004	2005	2006
Sample size	3681	4751	3456	1742	4945	5000
Had a pneumonia shot	372	424	327	222	560	673
Weight percentage	11.6	8.8	9.9	14.4	11.0	13.5
95% C.I.	(10.0 - 13.3)	(7.7 - 10.0)	(8.6 - 11.3)	(12.1 - 17.2)	(9.8 - 12.4)	(12.2 - 14.9)
Age-adjusted percentage	11.6	8.6	9.6	14.4	10.7	13.2
95% C.I.	(10.0 - 13.3)	(7.6 - 9.8)	(8.4 - 11.0)	(11.9 - 17.2)	(9.4 - 12.1)	(11.9 - 14.6)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29d/ SUPPLEMENT 1

Percent of men, aged 18 to 64, who had a pneumonia shot
Hawaii, 2001-2006

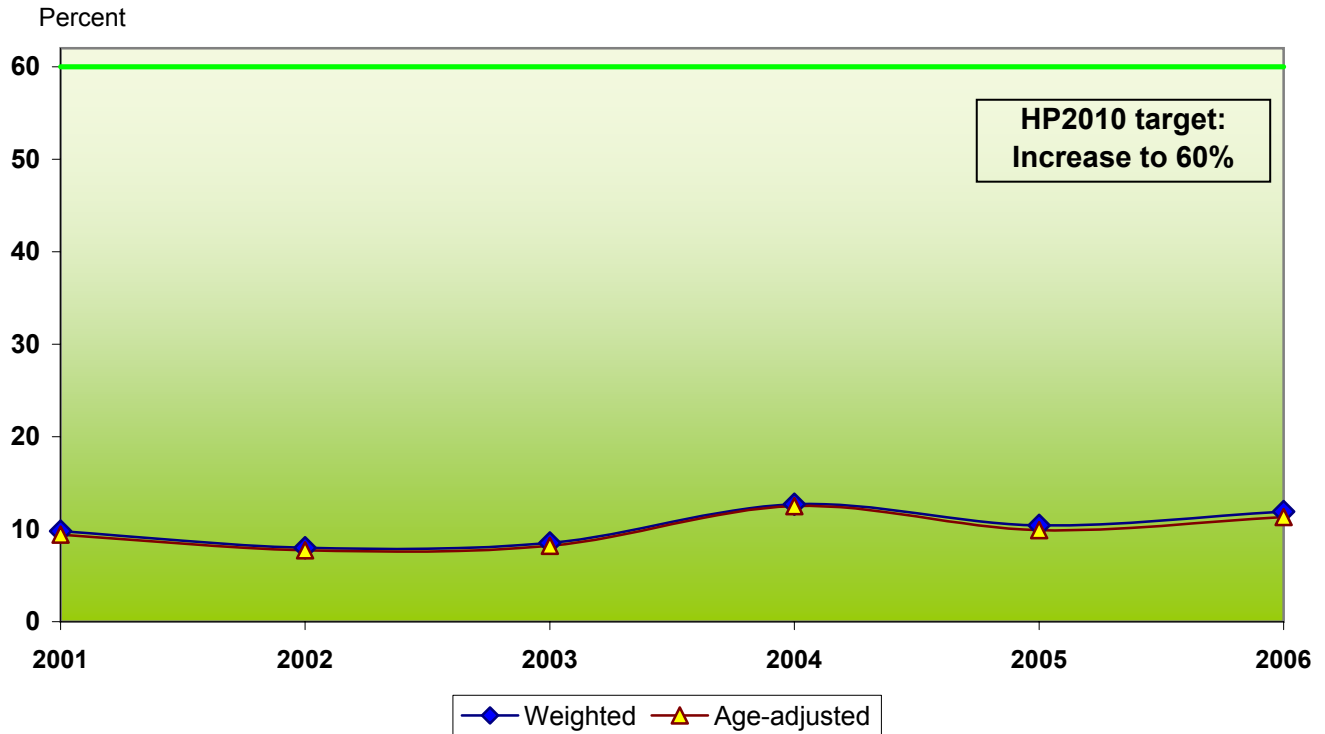


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1626	2120	1436	704	2022	2145
Had a pneumonia shot	188	190	141	103	227	308
Weight percentage	13.3	9.5	11.1	16.1	11.6	15.0
95% C.I.	(11.0 - 16.0)	(7.8 - 11.5)	(9.2 - 13.4)	(12.4 - 20.6)	(9.7 - 13.8)	(12.9 - 17.3)
Age-adjusted percentage	13.3	9.4	10.9	16.1	11.3	14.8
95% C.I.	(11.0 - 15.9)	(7.8 - 11.4)	(9.0 - 13.1)	(12.4 - 20.7)	(9.4 - 13.5)	(12.8 - 17.1)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29d/ SUPPLEMENT 2

**Percent of women, aged 18 to 64, who had a pneumonia shot
Hawaii, 2001-2006**

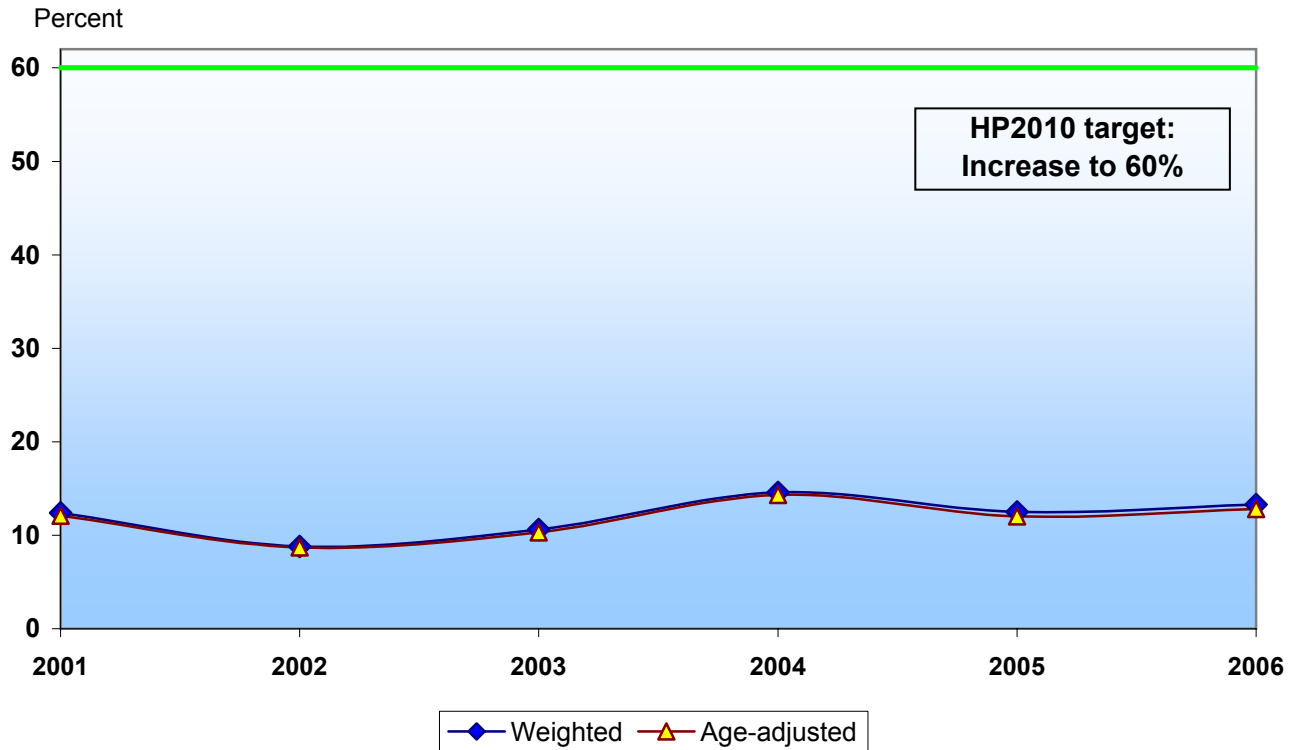


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2055	2631	2020	1038	2923	2855
Had a pneumonia shot	184	234	186	119	333	365
Weight percentage	9.8	8.0	8.5	12.7	10.4	11.9
95% C.I.	(7.9 - 12.0)	(6.7 - 9.4)	(7.2 - 10.2)	(10.0 - 16.0)	(8.9 - 12.1)	(10.4 - 13.6)
Age-adjusted percentage	9.4	7.7	8.2	12.5	9.9	11.3
95% C.I.	(7.6 - 11.6)	(6.5 - 9.0)	(6.8 - 9.8)	(9.7 - 15.8)	(8.4 - 11.6)	(9.9 - 13.0)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29d/ SUPPLEMENT 3

**Percent of White adults, aged 18 to 64, who had a pneumonia shot
Hawaii, 2001-2006**

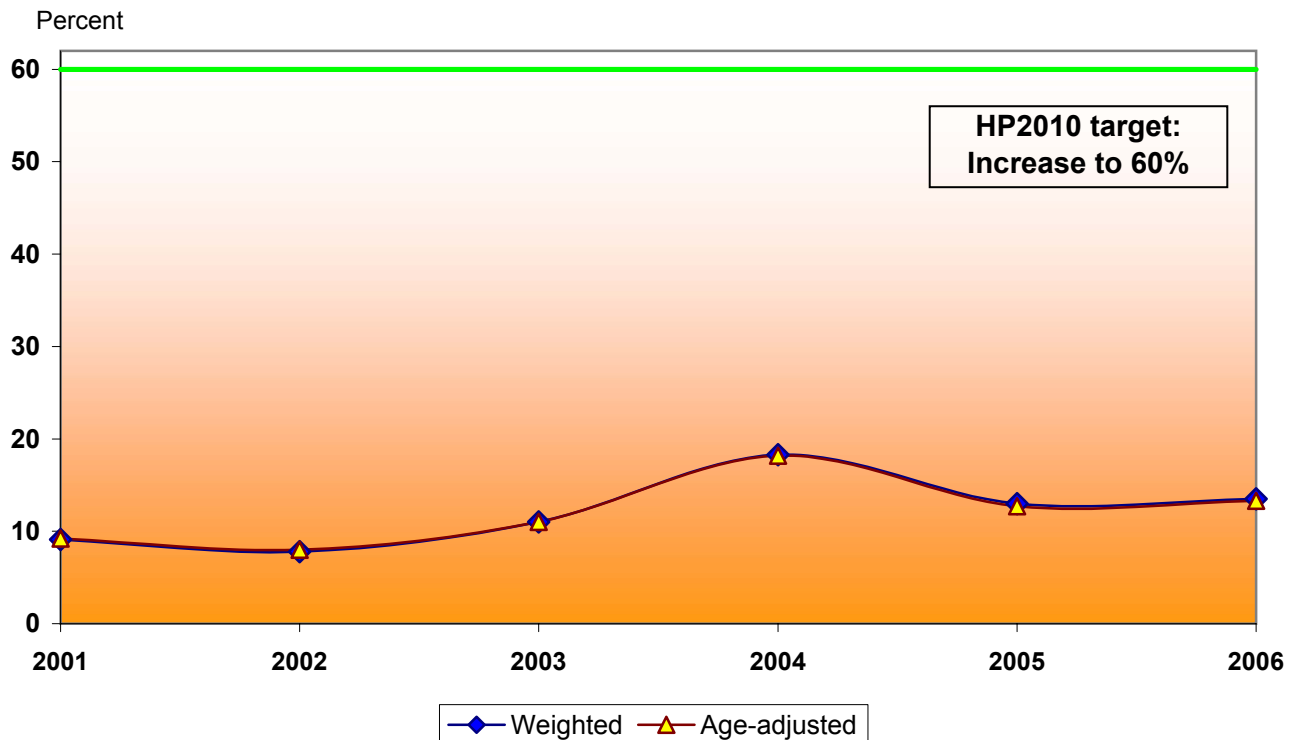


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1567	2038	1345	695	2144	2135
Had a pneumonia shot	174	178	132	94	270	292
Weight percentage	12.4	8.8	10.6	14.6	12.5	13.3
95% C.I.	(10.3 - 14.8)	(7.2 - 10.8)	(8.5 - 13.2)	(11.3 - 18.5)	(10.4 - 14.8)	(11.5 - 15.4)
Age-adjusted percentage	12.1	8.7	10.3	14.3	12.0	12.8
95% C.I.	(10.0 - 14.6)	(7.0 - 10.7)	(8.3 - 12.9)	(10.9 - 18.5)	(9.8 - 14.6)	(10.8 - 15.1)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29d/ SUPPLEMENT 4

Percent of Hawaiians, aged 18 to 64, who had a pneumonia shot
Hawaii, 2001-2006

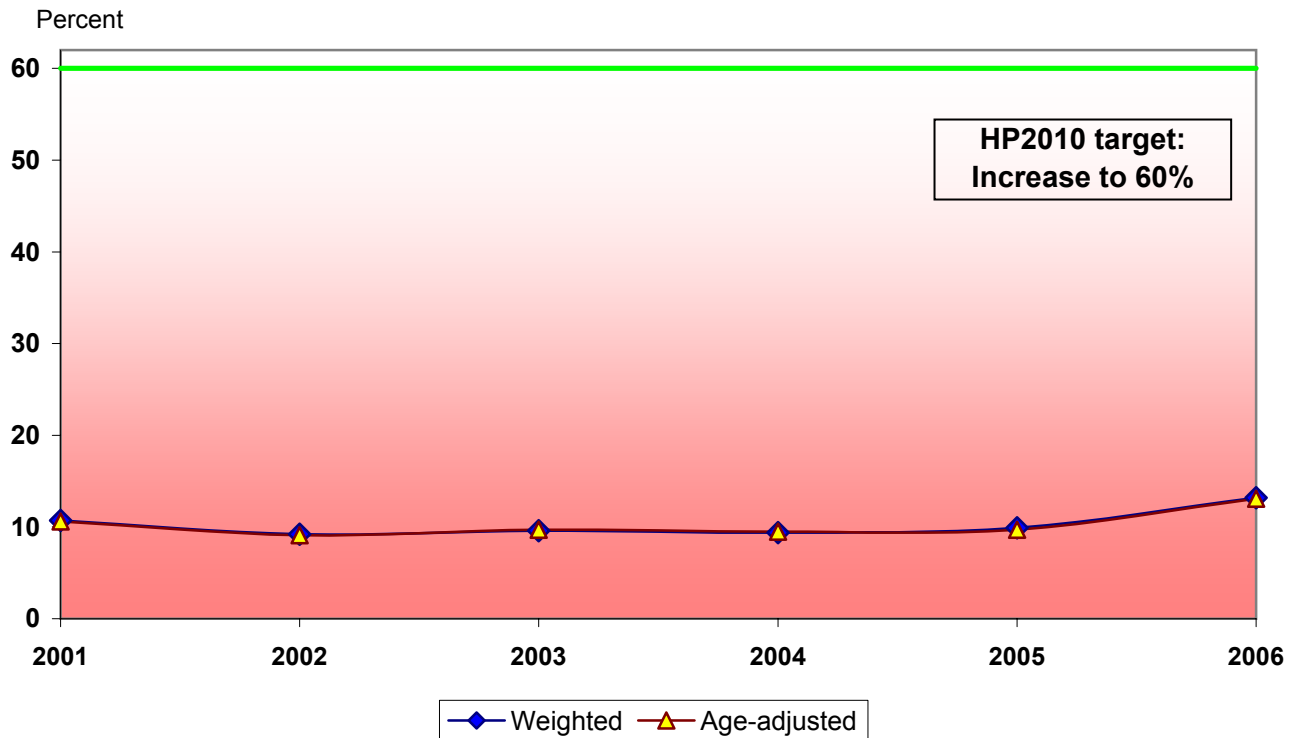


YEAR	2001	2002	2003	2004	2005	2006
Sample size	508	660	519	313	641	635
Had a pneumonia shot	54	55	56	46	82	87
Weight percentage	9.1	7.8	11.0	18.3	13.0	13.5
95% C.I.	(6.4 - 12.9)	(5.3 - 11.3)	(8.0 - 14.9)	(12.7 - 25.7)	(9.8 - 17.1)	(10.0 - 17.8)
Age-adjusted percentage	9.2	8.0	11.0	18.2	12.7	13.3
95% C.I.	(6.4 - 13.0)	(5.6 - 11.3)	(8.1 - 14.7)	(12.6 - 25.5)	(9.6 - 16.5)	(10.2 - 17.3)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29d/ SUPPLEMENT 5

Percent of Filipinos, aged 18 to 64, who had a pneumonia shot Hawaii, 2001-2006

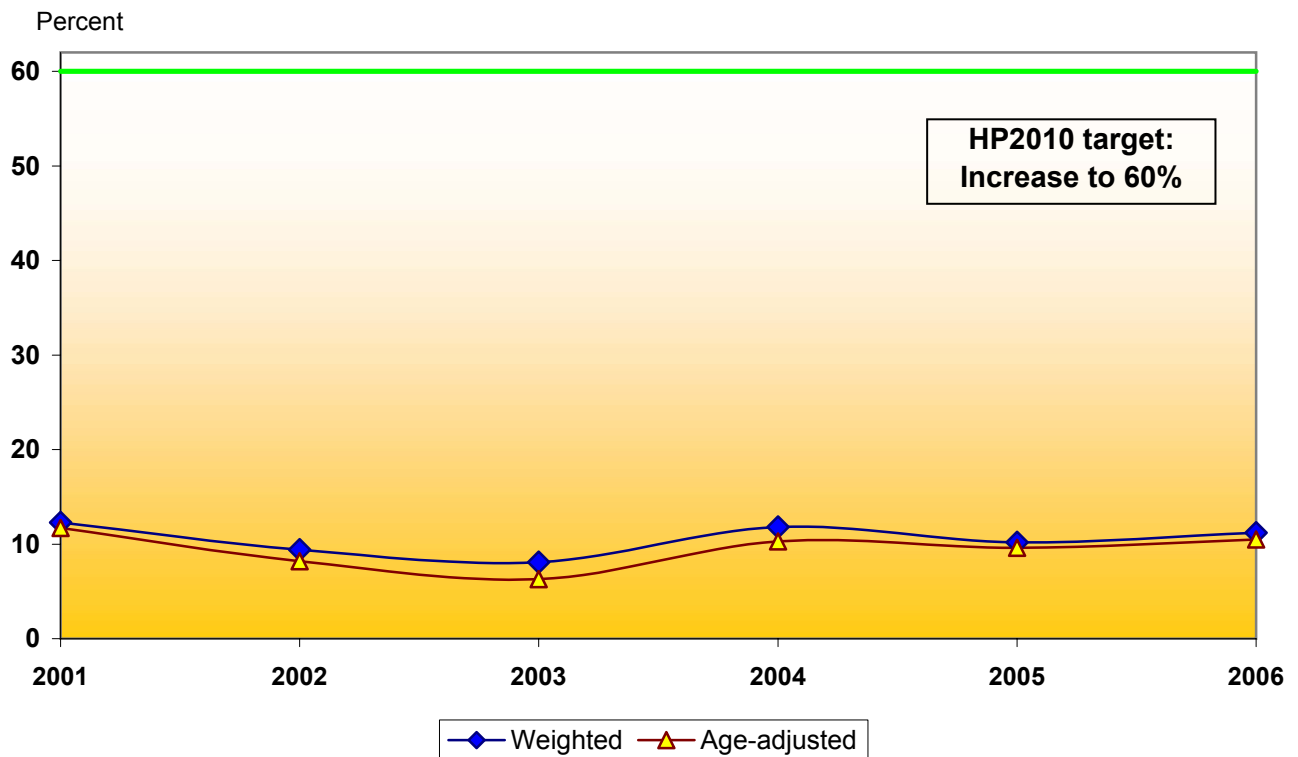


YEAR	2001	2002	2003	2004	2005	2006
Sample size	467	640	423	229	663	664
Had a pneumonia shot	38	62	37	23	58	91
Weight percentage	10.7	9.2	9.6	9.4	9.9	13.2
95% C.I.	(6.1 - 18.1)	(6.6 - 12.7)	(6.4 - 14.2)	(5.5 - 15.7)	(6.6 - 14.6)	(9.9 - 17.4)
Age-adjusted percentage	10.6	9.1	9.7	9.5	9.7	13.1
95% C.I.	(6.5 - 16.7)	(6.5 - 12.5)	(6.6 - 14.1)	(5.6 - 15.6)	(6.6 - 14.1)	(9.9 - 17.2)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29d/ SUPPLEMENT 6

**Percent of Japanese, aged 18 to 64, who had a pneumonia shot
Hawaii, 2001-2006**

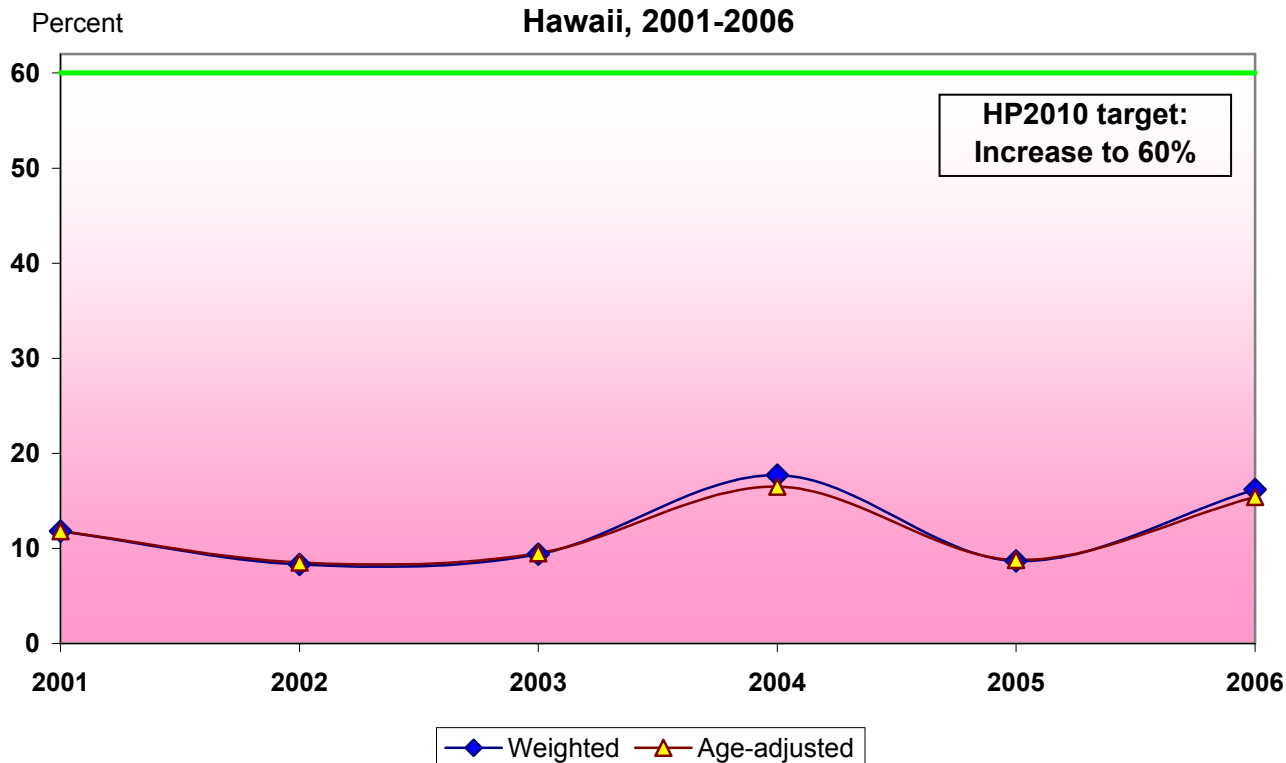


YEAR	2001	2002	2003	2004	2005	2006
Sample size	590	738	501	299	798	797
Had a pneumonia shot	50	65	43	35	78	95
Weight percentage	12.3	9.4	8.1	11.8	10.2	11.2
95% C.I.	(8.5 - 17.6)	(6.6 - 13.2)	(5.6 - 11.6)	(7.9 - 17.3)	(7.6 - 13.5)	(8.7 - 14.3)
Age-adjusted percentage	11.7	8.2	6.3	10.3	9.6	10.5
95% C.I.	(7.9 - 17.1)	(5.7 - 11.6)	(4.2 - 9.3)	(6.2 - 16.7)	(7.0 - 12.9)	(7.8 - 14.0)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29d/ SUPPLEMENT 7

Percent of adults of other races, aged 18 to 64,
who had a pneumonia shot
Hawaii, 2001-2006

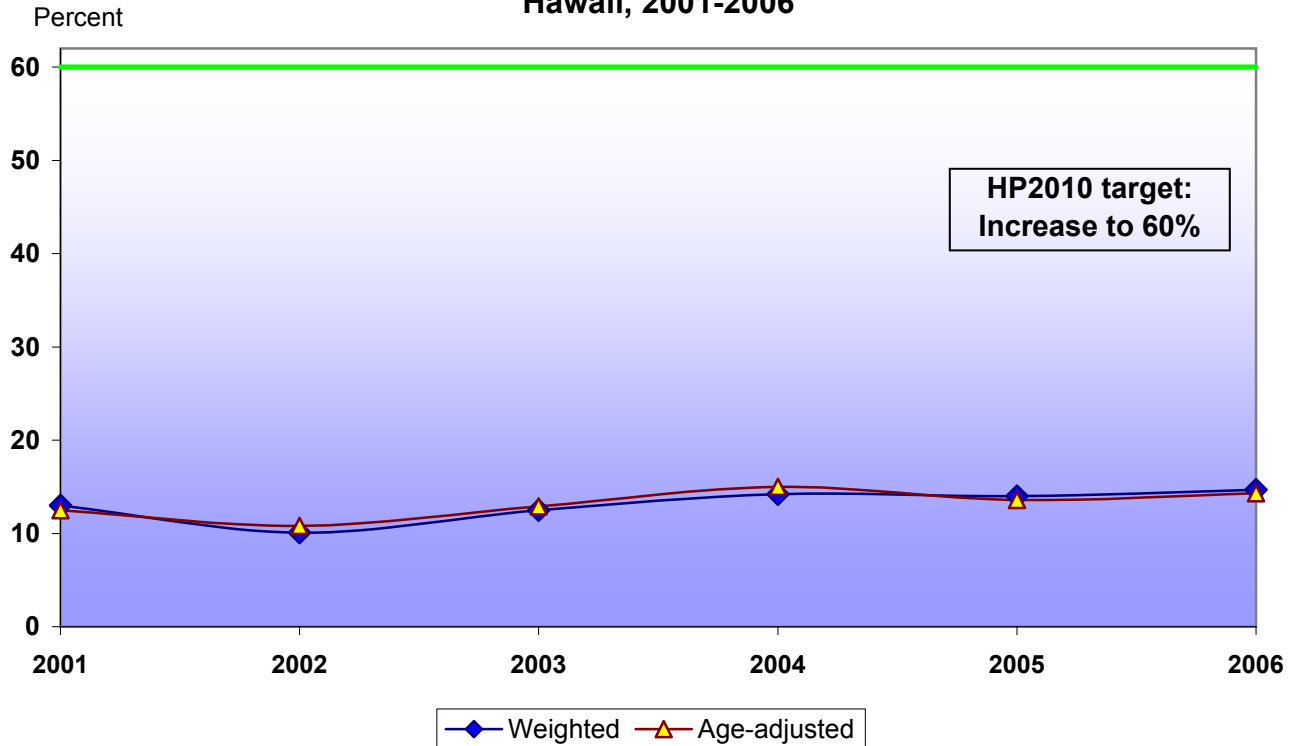


YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	675	668	206	699	769
Had a pneumonia shot	56	64	59	24	72	108
Weight percentage	11.8	8.3	9.4	17.7	8.7	16.2
95% C.I.	(8.6 - 16.0)	(6.2 - 11.1)	(7.0 - 12.6)	(10.3 - 28.8)	(6.5 - 11.5)	(12.7 - 20.3)
Age-adjusted percentage	11.8	8.5	9.5	16.5	8.8	15.4
95% C.I.	(8.7 - 15.9)	(6.4 - 11.3)	(7.1 - 12.5)	(10.3 - 25.5)	(6.7 - 11.6)	(12.3 - 19.0)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29d/ SUPPLEMENT 8

**Percent of adults, in low income households, aged 18 to 64,
who had a pneumonia shot
Hawaii, 2001-2006**

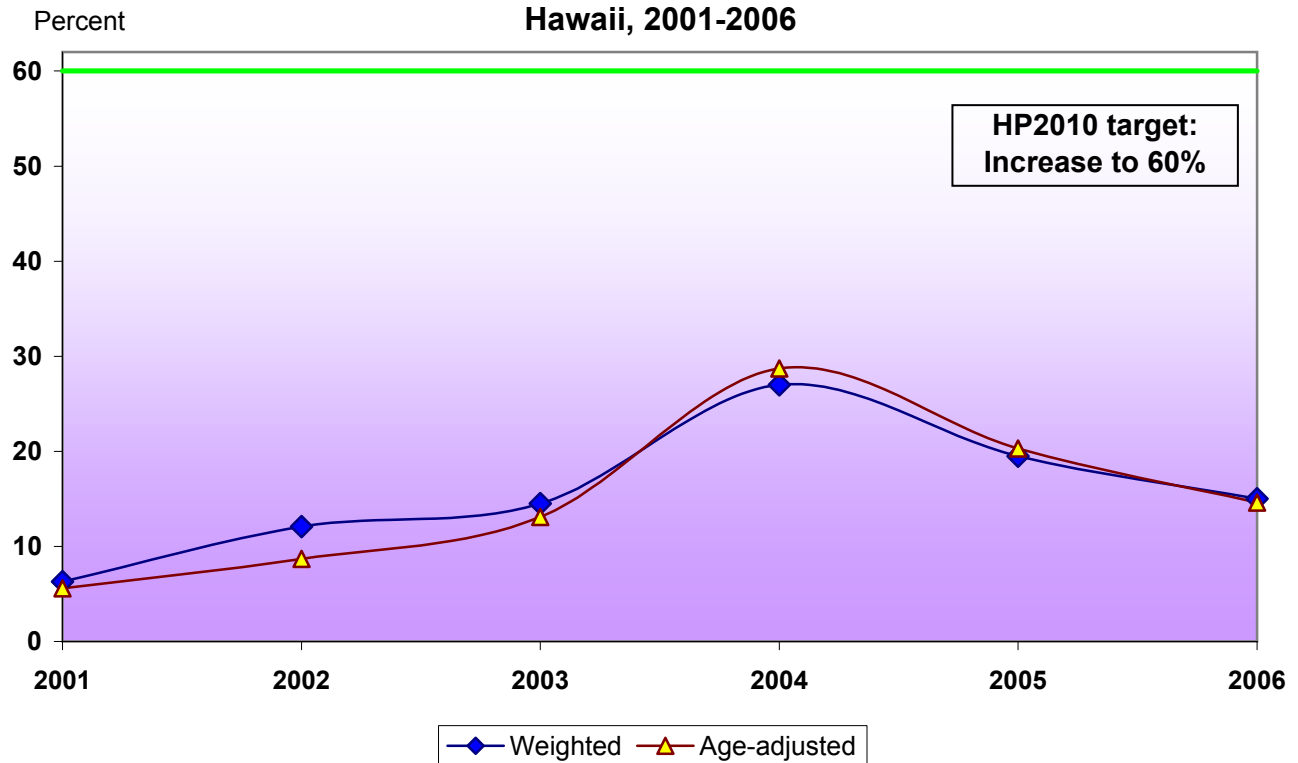


YEAR	2001	2002	2003	2004	2005	2006
Sample size	447	563	467	201	546	566
Had a pneumonia shot	43	56	54	27	83	86
Weight percentage	13.0	10.1	12.5	14.2	14.0	14.7
95% C.I.	(7.8 - 20.7)	(7.0 - 14.3)	(9.0 - 17.1)	(8.4 - 23.2)	(10.2 - 18.9)	(10.7 - 19.8)
Age-adjusted percentage	12.5	10.8	12.9	15.0	13.6	14.3
95% C.I.	(8.2 - 18.6)	(7.7 - 14.9)	(9.5 - 17.2)	(9.0 - 23.9)	(10.1 - 18.0)	(10.7 - 18.9)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29d/ SUPPLEMENT 9

**Percent of adults, aged 25 to 64, with less education,
who had a pneumonia shot
Hawaii, 2001-2006**

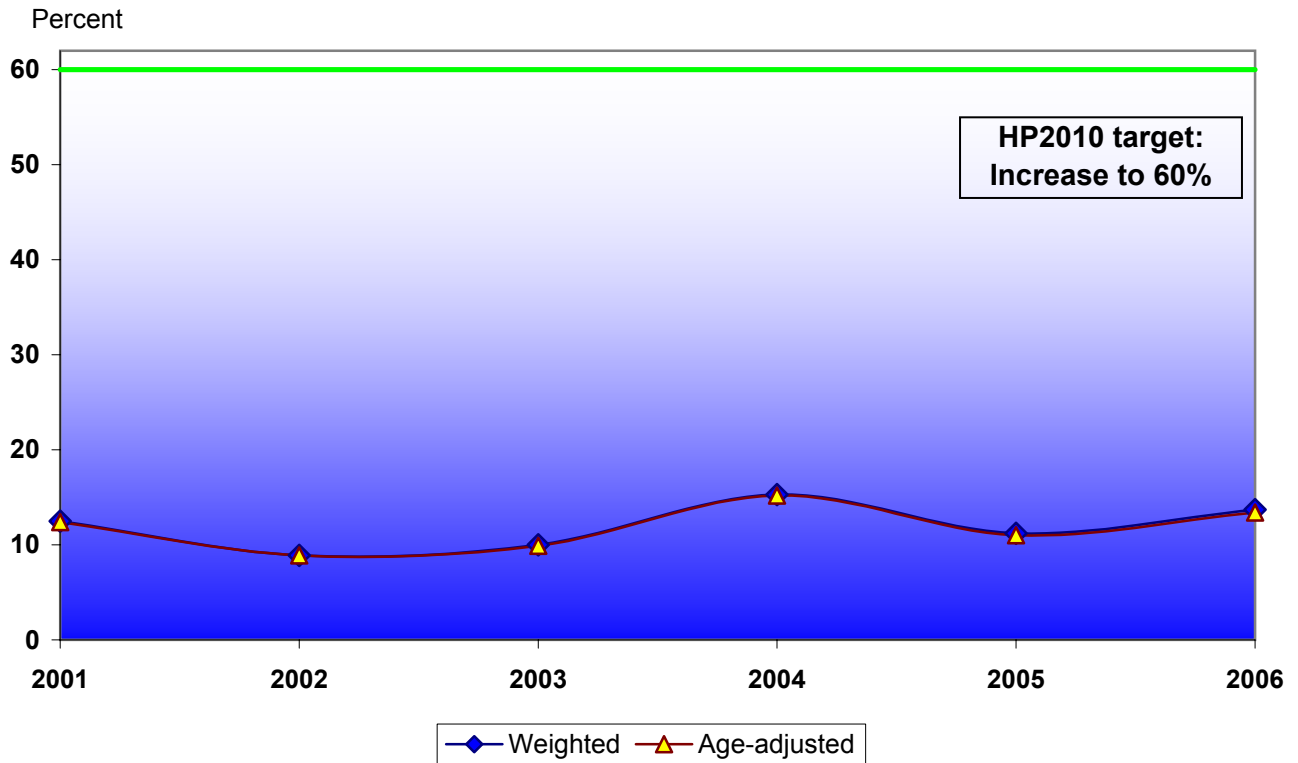


YEAR	2001	2002	2003	2004	2005	2006
Sample size	124	156	109	51	172	186
Had a pneumonia shot	13	17	14	14	33	33
Weight percentage	6.3	12.1	14.5	27.0	19.5	15.0
95% C.I.	(2.8 - 13.8)	(6.6 - 21.0)	(7.7 - 25.6)	(12.9 - 48.0)	(11.5 - 31.1)	(9.9 - 22.2)
Age-adjusted percentage	5.6	8.7	13.1	28.7	20.3	14.6
95% C.I.	(2.6 - 11.9)	(4.9 - 14.9)	(6.9 - 23.5)	(17.9 - 42.7)	(11.4 - 33.6)	(9.4 - 21.9)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29d/ SUPPLEMENT 10

Percent of adults, aged 18 to 64, who had a pneumonia shot Honolulu county, Hawaii, 2001-2006

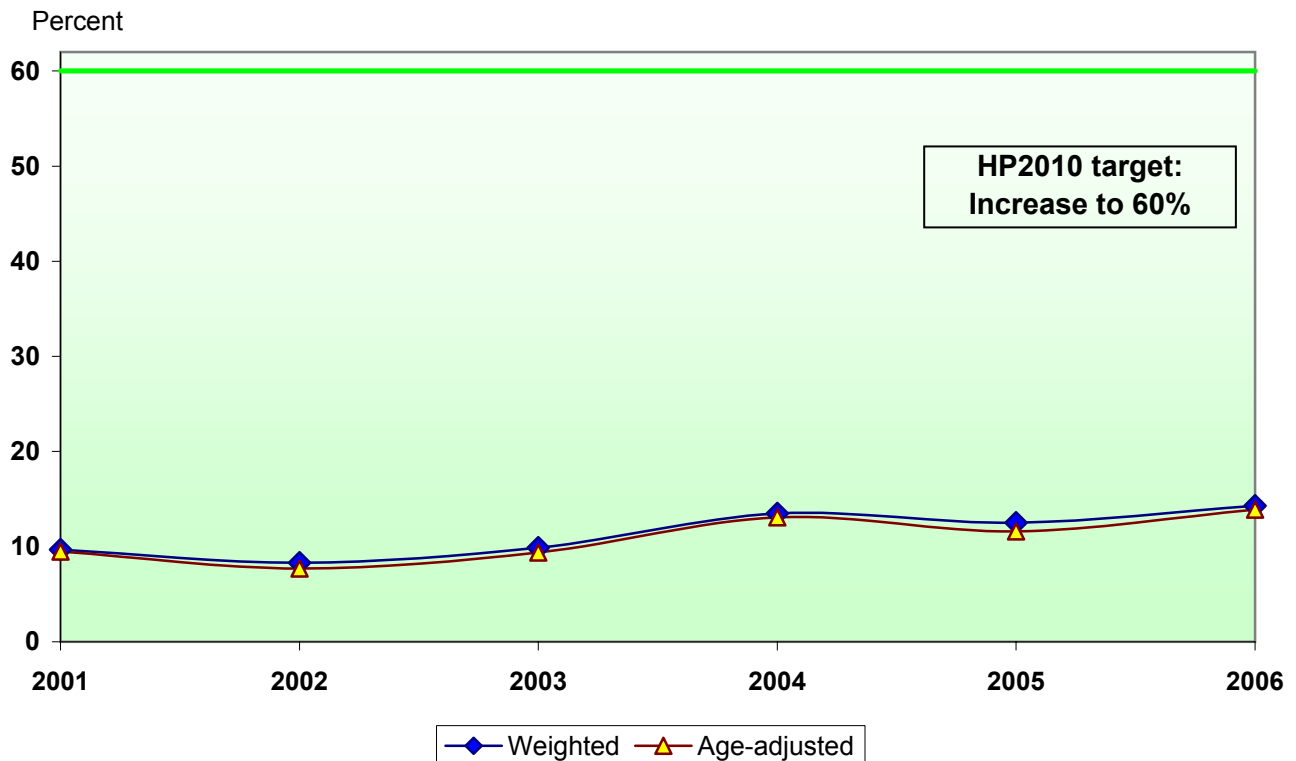


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1559	2220	1776	741	2243	2254
Had a pneumonia shot	178	191	163	106	239	318
Weight percentage	12.5	8.9	10.0	15.3	11.2	13.7
95% C.I.	(10.5 - 14.8)	(7.5 - 10.5)	(8.4 - 11.9)	(12.2 - 19.0)	(9.6 - 13.1)	(12.0 - 15.5)
Age-adjusted percentage	12.4	8.9	9.9	15.2	11.0	13.4
95% C.I.	(10.4 - 14.8)	(7.5 - 10.5)	(8.3 - 11.6)	(12.1 - 18.9)	(9.4 - 12.8)	(11.7 - 15.3)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29d/ SUPPLEMENT 11

Percent of adults, aged 18 to 64, who had a pneumonia shot
Hawaii county, Hawaii, 2001-2006

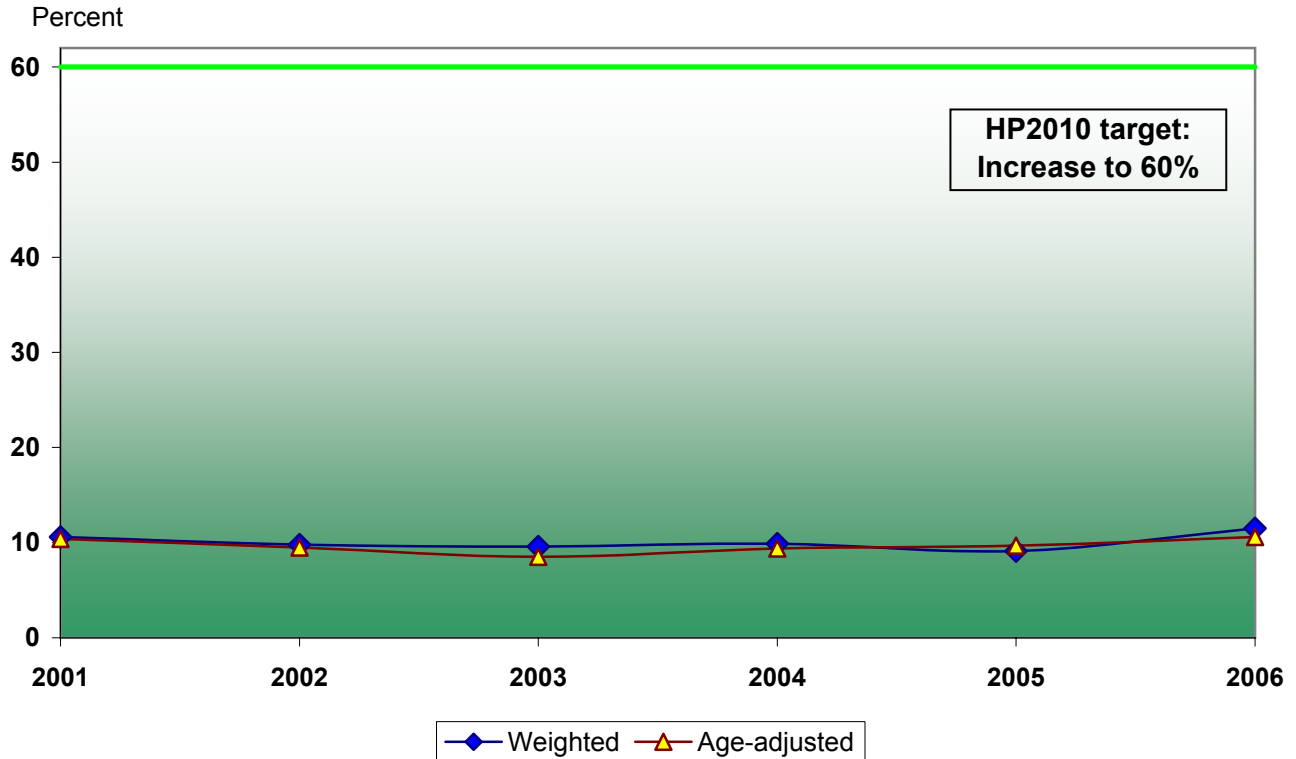


YEAR	2001	2002	2003	2004	2005	2006
Sample size	816	1054	753	440	1278	1054
Had a pneumonia shot	75	96	73	60	169	144
Weight percentage	9.7	8.3	9.9	13.5	12.5	14.3
95% C.I.	(7.4 - 12.8)	(6.6 - 10.4)	(7.5 - 13.0)	(10.0 - 17.8)	(10.3 - 15.1)	(11.7 - 17.2)
Age-adjusted percentage	9.5	7.7	9.4	13.1	11.6	13.9
95% C.I.	(7.1 - 12.4)	(6.1 - 9.8)	(7.0 - 12.6)	(9.6 - 17.7)	(9.5 - 14.1)	(11.3 - 16.9)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29d/ SUPPLEMENT 12

**Percent of adults, aged 18 to 64, who had a pneumonia shot
Kauai county, Hawaii, 2001-2006**

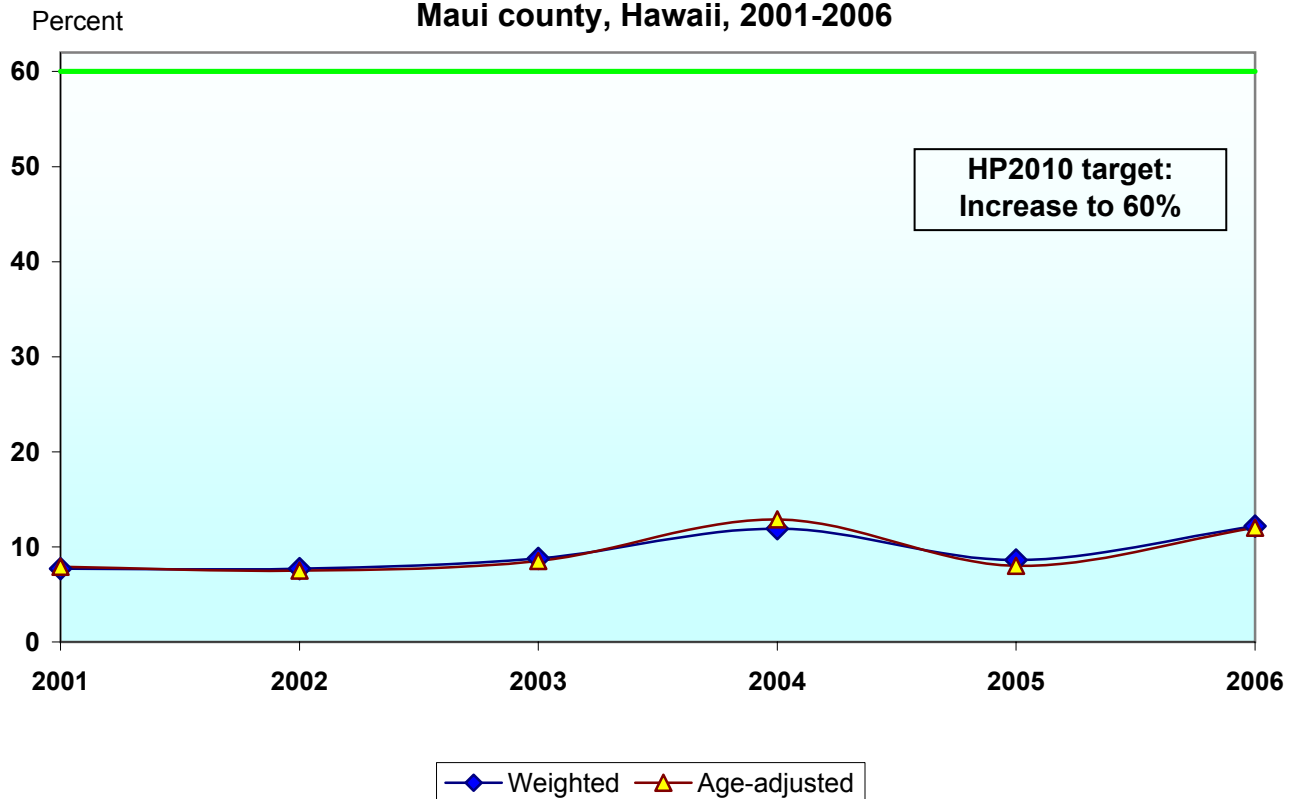


YEAR	2001	2002	2003	2004	2005	2006
Sample size	455	476	343	226	455	511
Had a pneumonia shot	48	48	36	21	49	65
Weight percentage	10.6	9.8	9.6	9.9	9.1	11.5
95% C.I.	(7.7 - 14.5)	(7.0 - 13.6)	(6.7 - 13.7)	(6.0 - 15.9)	(6.5 - 12.6)	(8.6 - 15.0)
Age-adjusted percentage	10.4	9.5	8.5	9.4	9.7	10.6
95% C.I.	(7.5 - 14.2)	(6.5 - 13.7)	(5.8 - 12.3)	(5.6 - 15.3)	(6.4 - 14.5)	(7.9 - 14.0)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 14-29d/ SUPPLEMENT 13

**Percent of adults, aged 18 to 64, who had a pneumonia shot
Maui county, Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	851	1001	584	335	969	1181
Had a pneumonia shot	71	89	55	35	103	146
Weight percentage	7.7	7.7	8.8	11.9	8.6	12.2
95% C.I.	(5.6 - 10.3)	(6.0 - 9.8)	(6.4 - 11.9)	(7.4 - 18.4)	(6.8 - 10.9)	(9.7 - 15.3)
Age-adjusted percentage	7.9	7.5	8.5	12.9	8.0	12.0
95% C.I.	(5.7 - 10.9)	(5.8 - 9.6)	(6.1 - 11.7)	(8.2 - 19.8)	(6.2 - 10.1)	(9.4 - 15.2)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

NUTRITION AND OVERWEIGHT

Objective 19-1: Increase the proportion of adults (aged 20+) who are at healthy weight to 60%

Objective 19-2: Reduce the proportion of adults (aged 20+) who are obese to 15%

NOTES:

The definition of "Healthy weight" and "Obese" are based on the Body Mass Index of a person.

Body Mass Index (BMI) is a number calculated from a person's weight and height. BMI provides a reliable indicator of body fatness for most people and is used to screen for weight categories that may lead to health problems
(<http://www.cdc.gov/nccdphp/dnpa/bmi/>).

Calculation of BMI:

(http://www.cdc.gov/nccdphp/dnpa/bmi/adult_BMI/about_adult_BMI.htm#Interpreted):

$$\text{BMI} = \text{weight (kg)} / [\text{height (m)}]^2$$

Or

$$\text{BMI} = \text{weight (lb)} / [\text{height (in)}]^2 \times 703$$

Interpretation of BMI for adult:

The standard weight status categories associated with BMI ranges for adults are shown in the following table.

BMI	Weight Status
Below 18.5	Underweight
18.5 – 24.9	Normal (Healthy weight)
25.0 – 29.9	Overweight
30.0 and Above	Obese

Questions used to obtain the data:

About how much do you weight without shoes?

About how tall are you without shoes?

In general, the percentage of adults who are at a healthy weight is declining, while the obesity rate is rising (Figure 19a). Based on the height and weight reported by people in the state of Hawaii, in 2006, 40% of adults are at a healthy weight and 20.6% are obese. These proportions were worse than the national baseline of 42% and 20% during the period of 1988 to 1994.

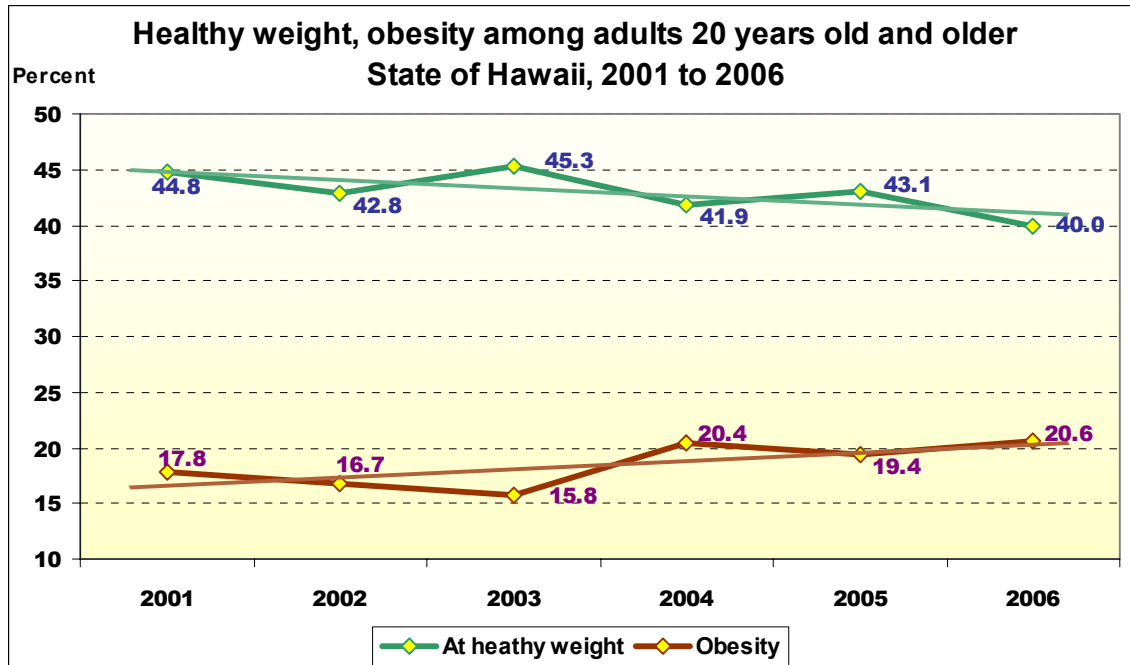


Fig. 19a

The percentage of men with healthy weight is much lower than the one for women. Concomitantly, the proportion of men with obesity is much higher than it is for women. Note that the obesity percentage is trending up while the healthy-weight percentage is trending down for both men and women (Figure 19b).

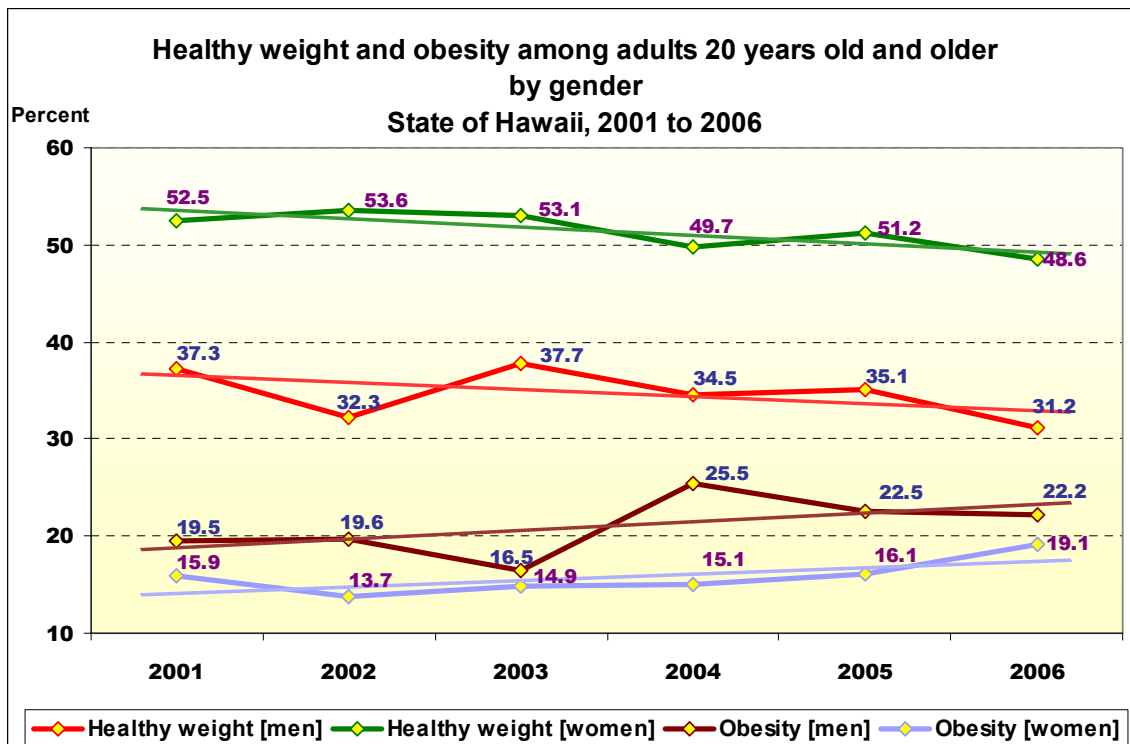


Fig. 19b

NUTRITION AND OVERWEIGHT

Among ethnic groups, Hawaiians definitely exhibit a higher risk of a weight problem than others (Figure 19c, 19d).

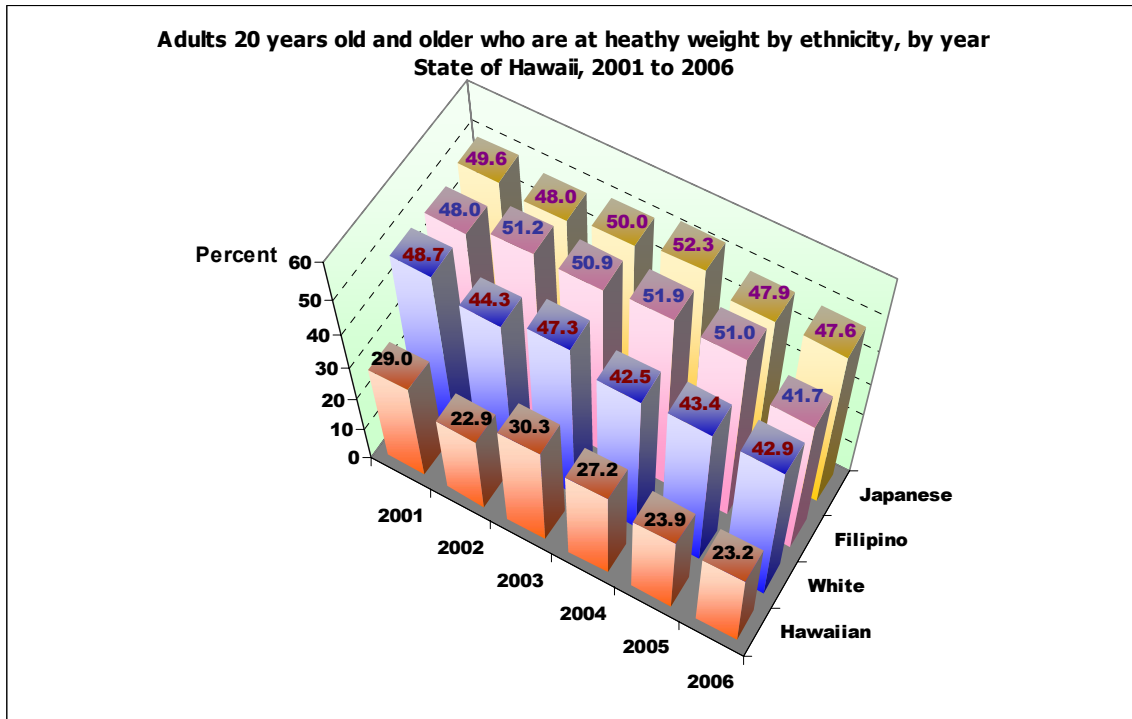


Fig. 19c

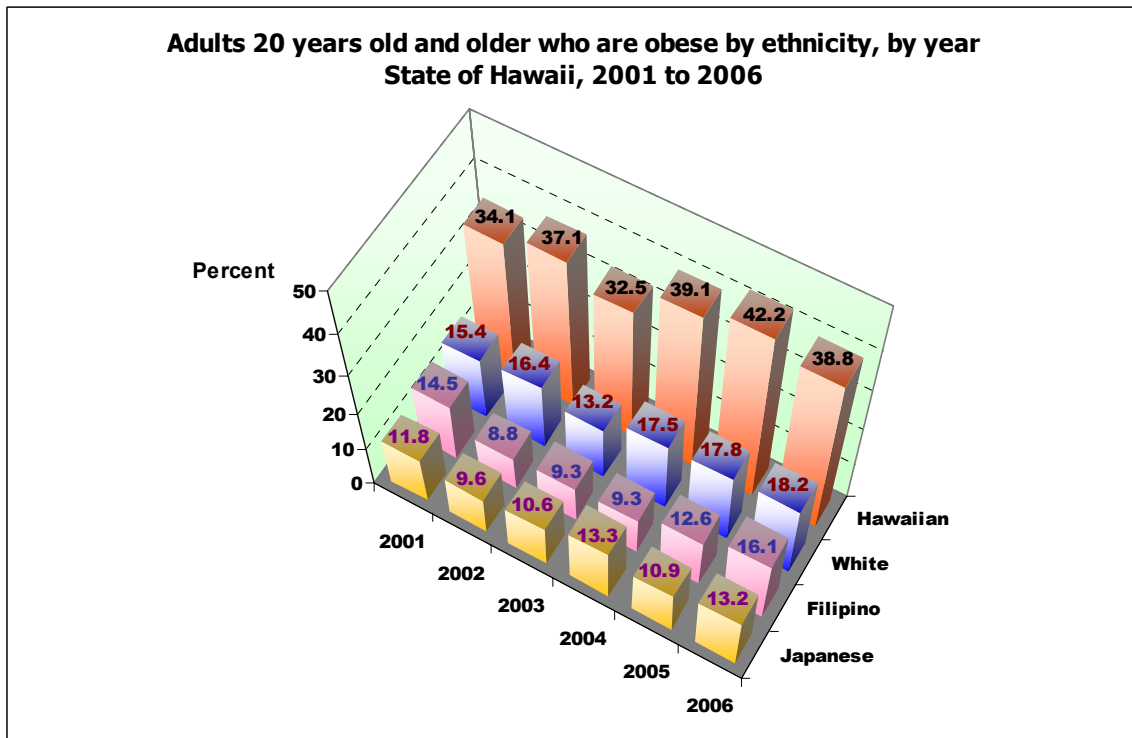


Fig. 19d

People in low-income households are much more at risk for obesity than those in better income households (Figure 19e).

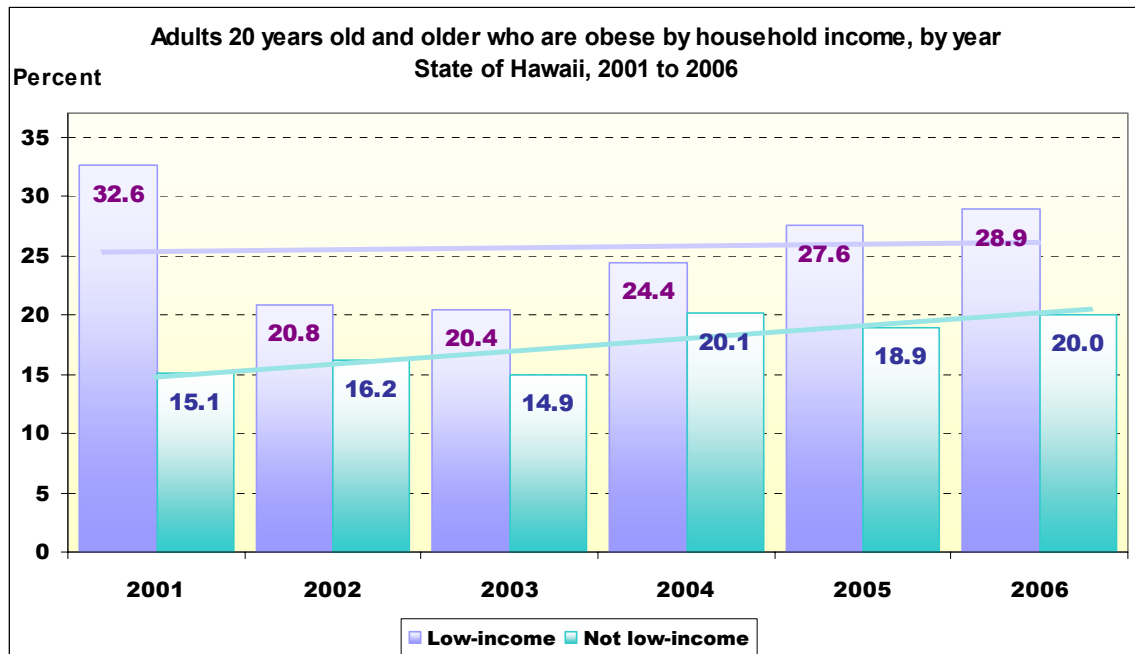


Fig. 19e

Objective 19-5: Increase the proportion of persons (aged 2 years and older) who consume at least two daily servings of fruit to 75%

Question used to obtain the data: *Not counting juice, how often do you eat fruit?*

Objective 19-6: Increase the proportion of persons (aged 2 years and older) who consume at least three daily servings of vegetables, with at least one-third being dark green or orange vegetables to 50%

Questions used to obtain the data:

How often do you eat green salad?

How often do you eat carrots?

Not counting carrots, potatoes or green salad, how many servings of vegetables do you usually eat?

Based on the existing data, we are far below the goal of having 75% eat at least 2 servings of fruits as well as 50% eating at least 3 servings of vegetables every day. However, people are tending to have more fruits and vegetables in their daily diet (Figure 19f).

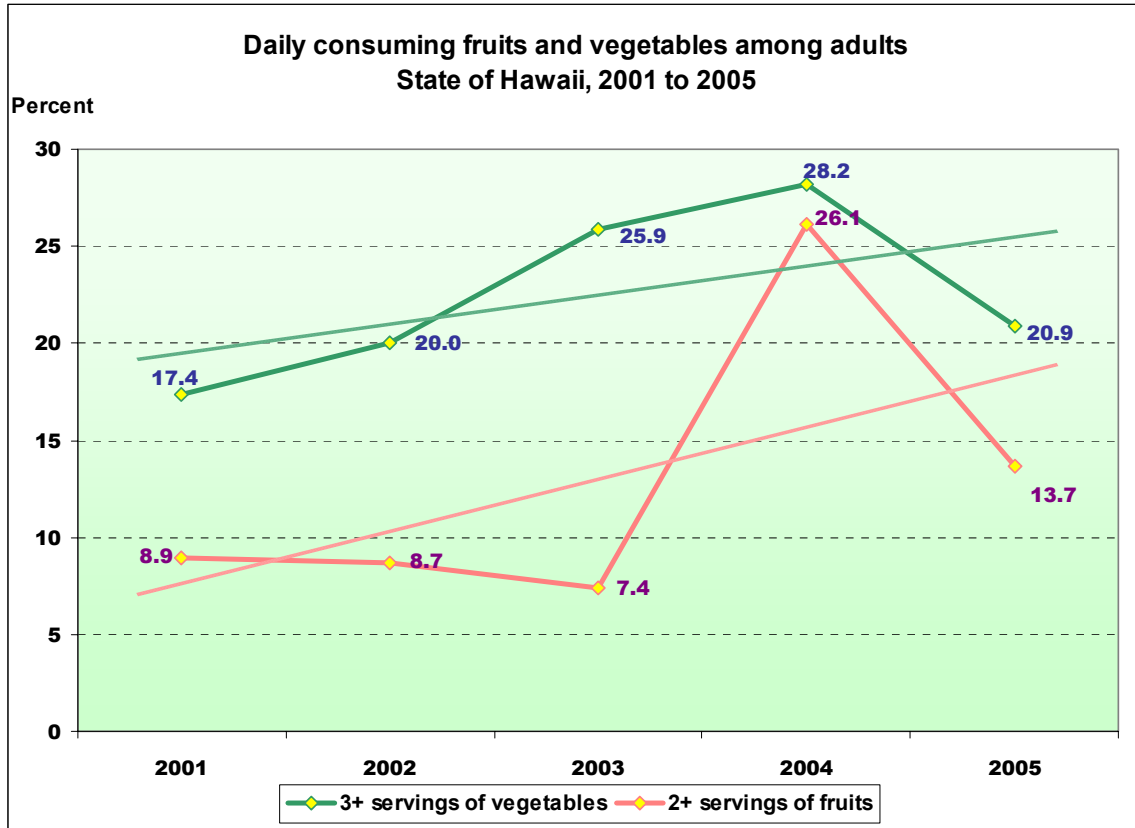
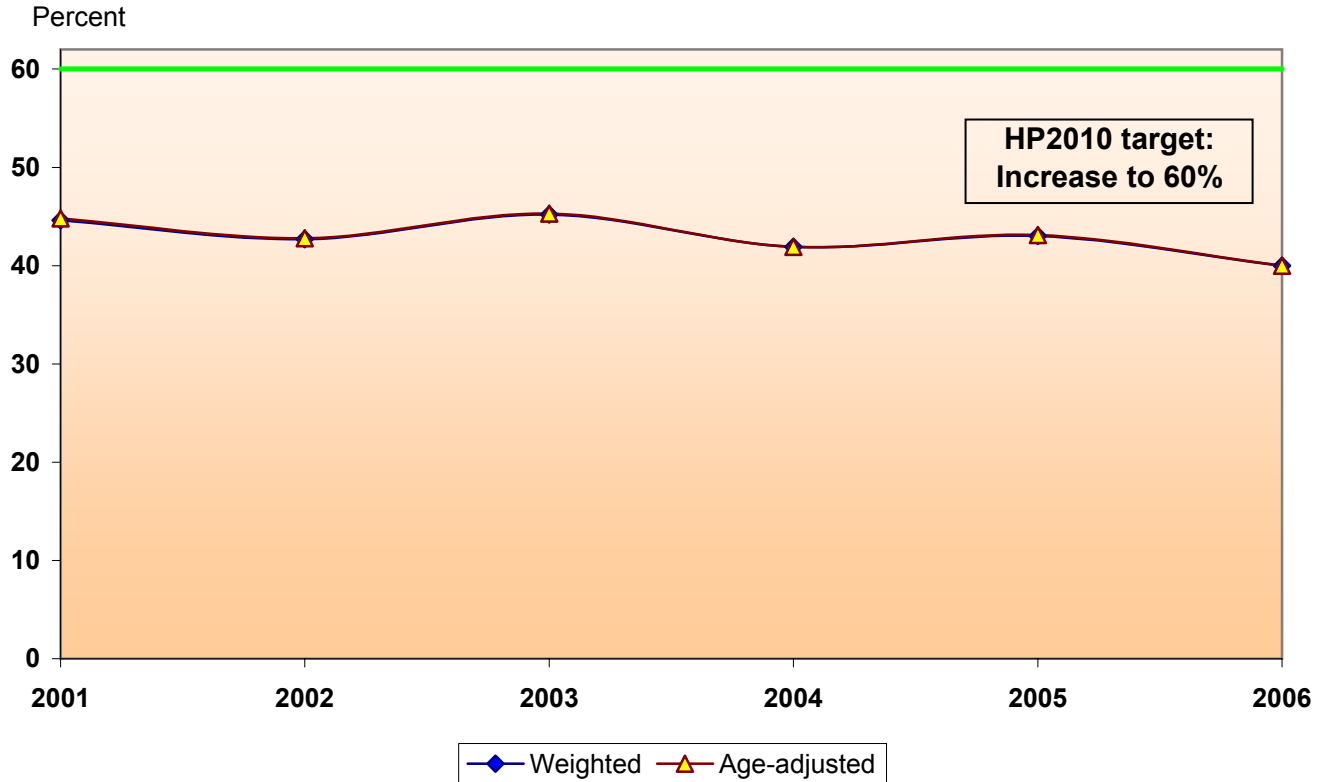


Fig. 19f

OBJECTIVE 19-1

Percent of adults, aged 20+, who are at healthy weight Hawaii, 2001-2006

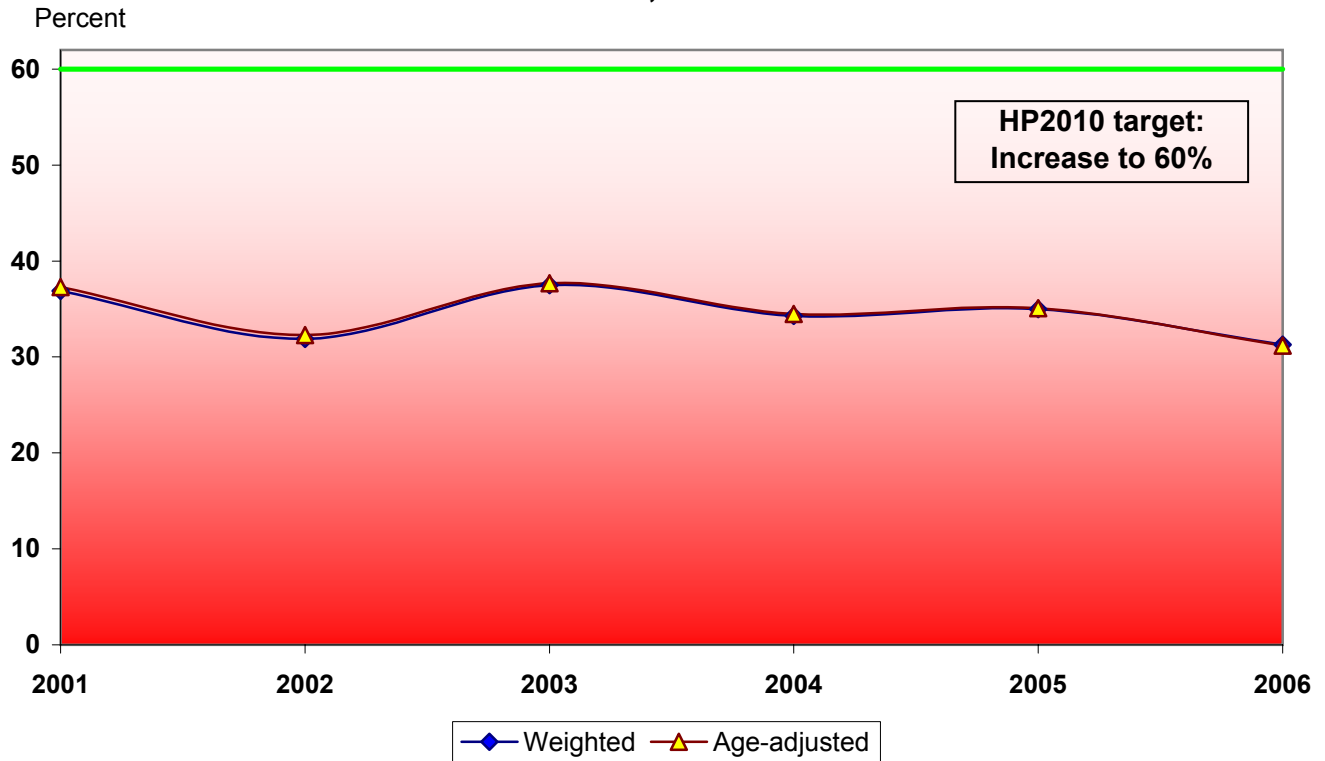


YEAR	2001	2002	2003	2004	2005	2006
Sample size	4419	5903	4255	2179	6329	6488
At healthy weight	2052	2598	1993	954	2750	2680
Weight percentage	44.6	42.7	45.2	41.9	43.0	40.0
95% C.I.	(42.6 - 46.6)	(41.0 - 44.4)	(43.3 - 47.1)	(39.0 - 44.8)	(41.3 - 44.7)	(38.3 - 41.6)
Age-adjusted percentage	44.8	42.8	45.3	41.9	43.1	40.0
95% C.I.	(42.8 - 46.8)	(41.2 - 44.5)	(43.4 - 47.2)	(39.1 - 44.9)	(41.4 - 44.8)	(38.3 - 41.7)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-1/ SUPPLEMENT 1

**Percent of men, aged 20+, who are at healthy weight
Hawaii, 2001-2006**

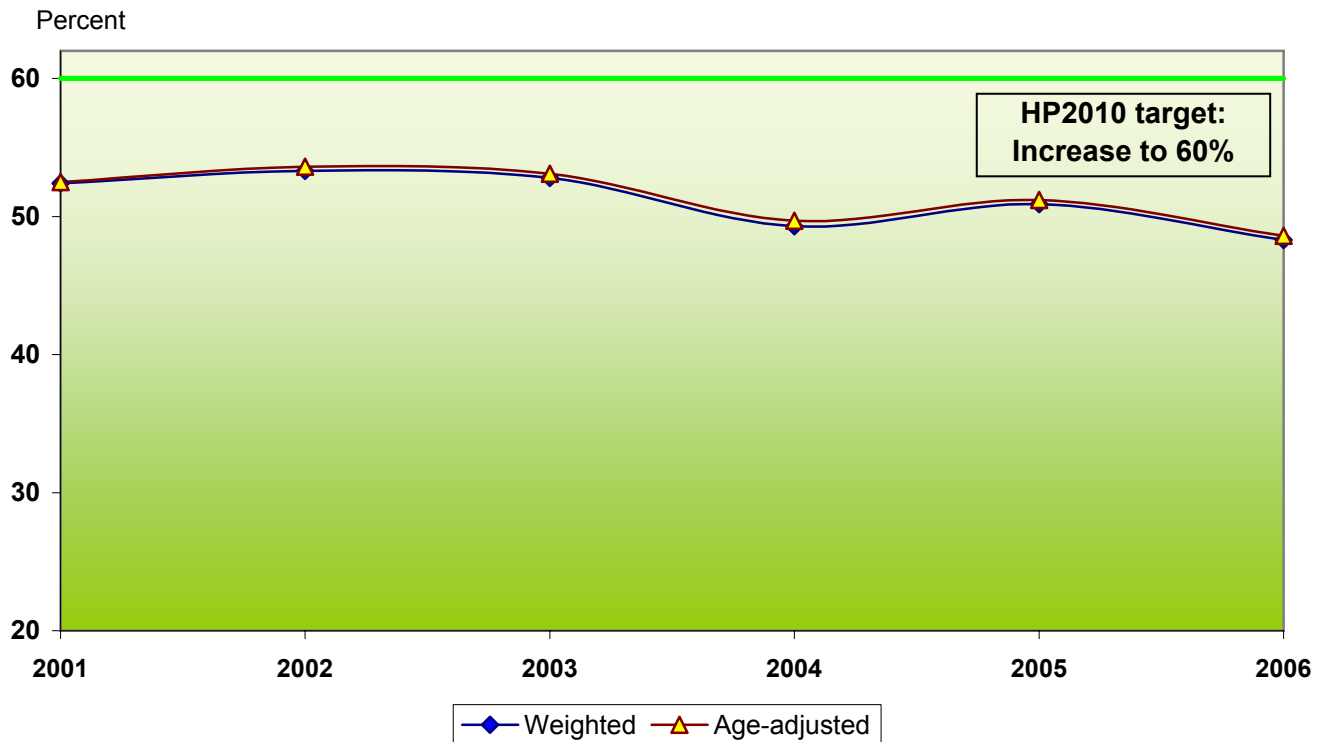


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1898	2554	1717	850	2538	2745
At healthy weight	705	828	653	294	872	868
Weight percentage	36.9	31.9	37.5	34.3	35.0	31.3
95% C.I.	(34.1 - 39.9)	(29.5 - 34.4)	(34.7 - 40.5)	(30.2 - 38.7)	(32.4 - 37.7)	(28.9 - 33.8)
Age-adjusted percentage	37.3	32.3	37.7	34.5	35.1	31.2
95% C.I.	(34.5 - 40.2)	(29.9 - 34.7)	(34.9 - 40.6)	(30.4 - 38.9)	(32.6 - 37.8)	(28.9 - 33.7)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-1/ SUPPLEMENT 2

**Percent of women, aged 20+, who are at healthy weight
Hawaii, 2001-2006**

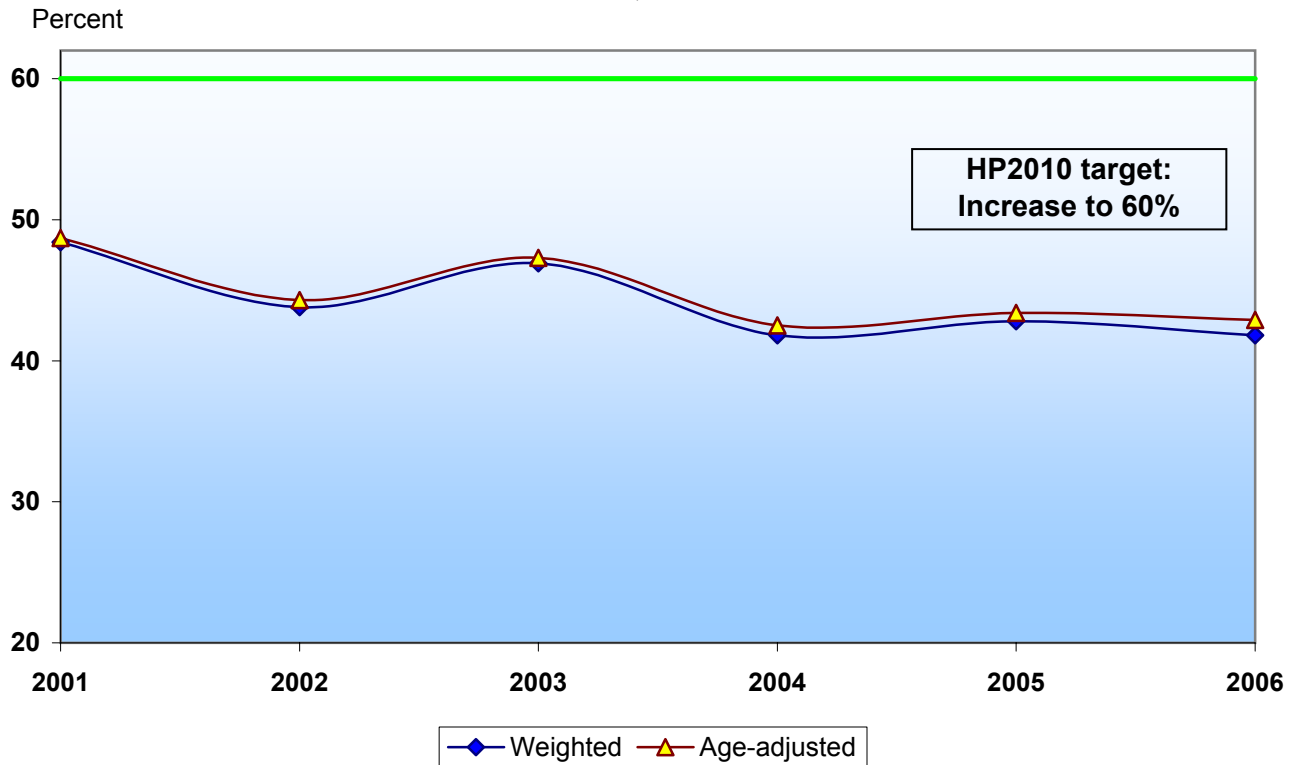


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2521	3349	2538	1329	3791	3743
At healthy weight	1347	1770	1340	660	1878	1812
Weight percentage	52.4	53.3	52.8	49.3	50.9	48.3
95% C.I.	(49.7 - 55.1)	(51.1 - 55.4)	(50.4 - 55.2)	(45.5 - 53.1)	(48.8 - 53.0)	(46.2 - 50.5)
Age-adjusted percentage	52.5	53.6	53.1	49.7	51.2	48.6
95% C.I.	(49.8 - 55.3)	(51.4 - 55.7)	(50.7 - 55.5)	(45.9 - 53.5)	(49.0 - 53.3)	(46.3 - 50.9)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-1/ SUPPLEMENT 3

**Percent of White adults, aged 20+, who are at healthy weight
Hawaii, 2001-2006**

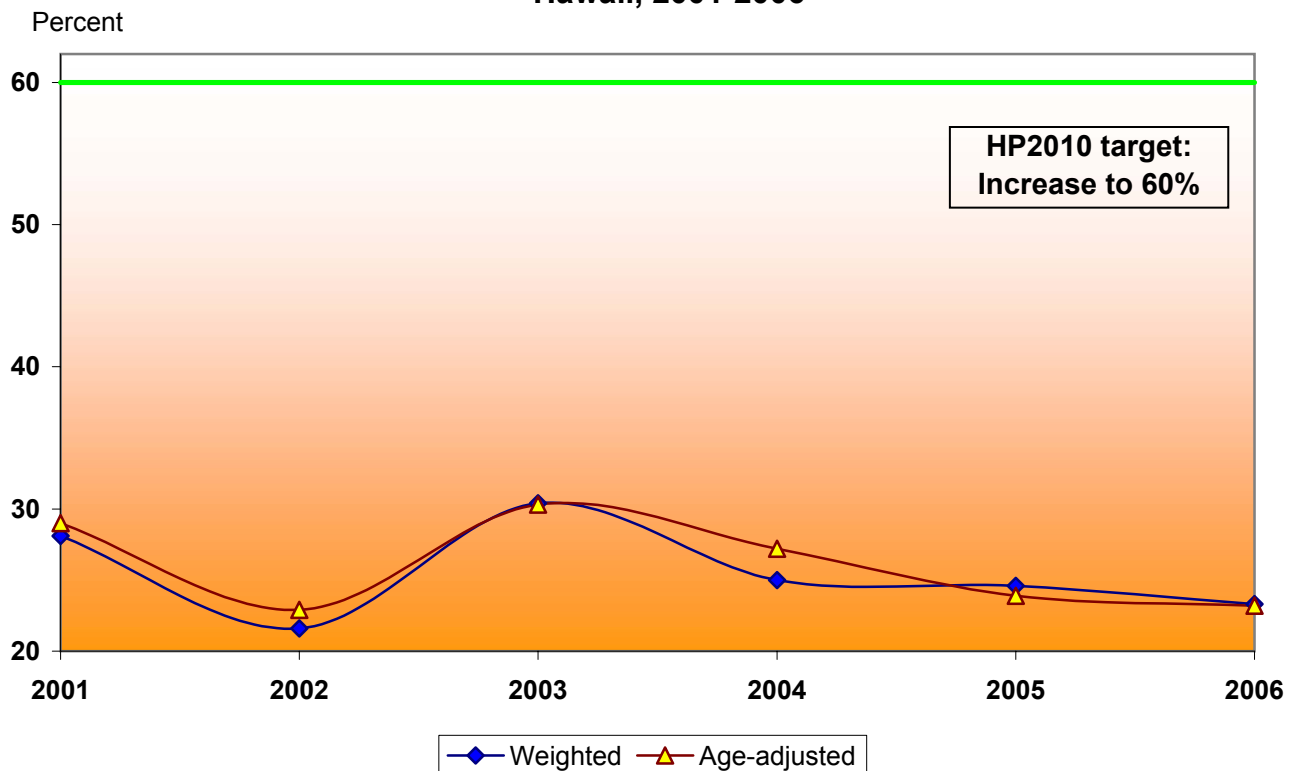


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1836	2450	1640	860	2677	2714
At healthy weight	914	1113	793	389	1207	1188
Weight percentage	48.4	43.8	46.9	41.8	42.8	41.8
95% C.I.	(45.3 - 51.5)	(41.1 - 46.5)	(43.9 - 49.9)	(37.4 - 46.4)	(40.2 - 45.4)	(39.3 - 44.3)
Age-adjusted percentage	48.7	44.3	47.3	42.5	43.4	42.9
95% C.I.	(45.6 - 51.7)	(41.7 - 46.9)	(44.3 - 50.4)	(37.9 - 47.2)	(40.8 - 46.1)	(40.3 - 45.6)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-1/ SUPPLEMENT 4

**Percent of Hawaiians, aged 20+, who are at healthy weight
Hawaii, 2001-2006**

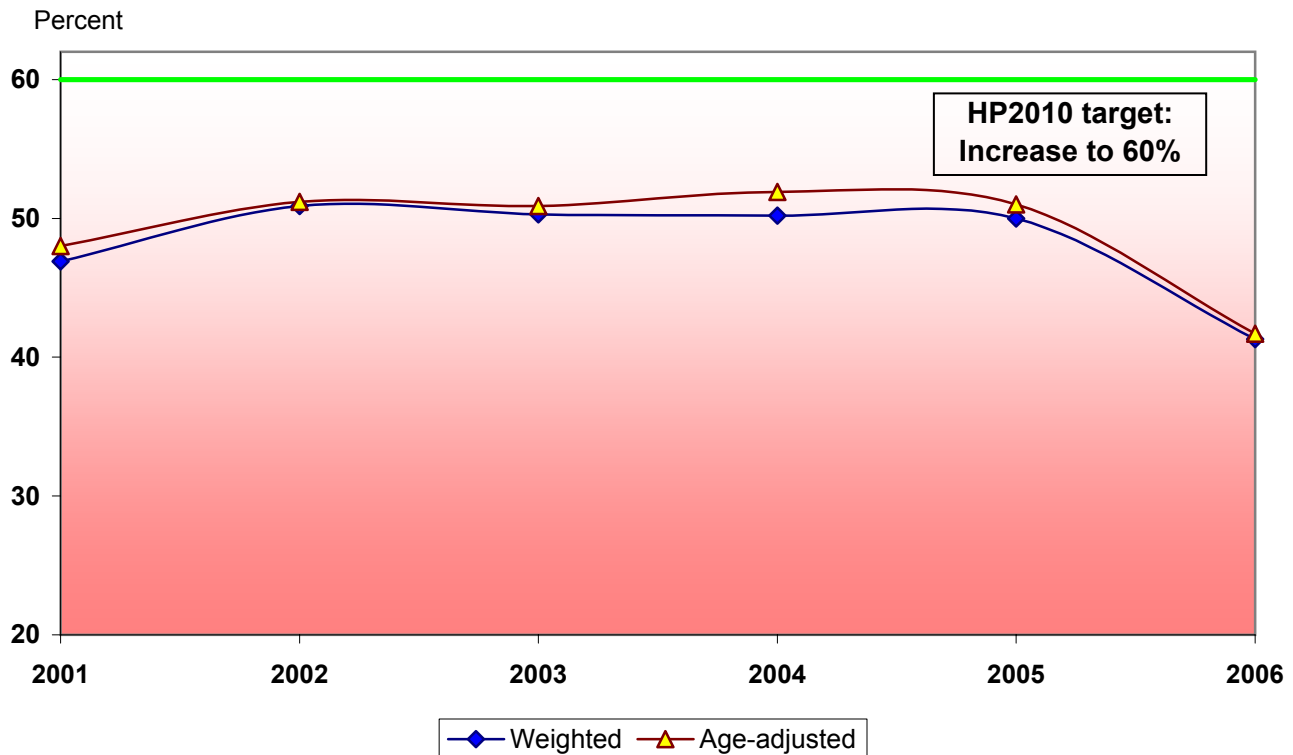


YEAR	2001	2002	2003	2004	2005	2006
Sample size	565	750	595	355	767	784
At healthy weight	155	179	179	101	178	181
Weight percentage	28.1	21.6	30.4	25.0	24.6	23.3
95% C.I.	(23.1 - 33.7)	(18.1 - 25.7)	(25.9 - 35.3)	(19.6 - 31.4)	(20.2 - 29.5)	(19.4 - 27.8)
Age-adjusted percentage	29.0	22.9	30.3	27.2	23.9	23.2
95% C.I.	(24.0 - 34.5)	(19.3 - 27.0)	(26.0 - 35.0)	(22.0 - 33.2)	(19.8 - 28.5)	(19.5 - 27.4)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-1/ SUPPLEMENT 5

**Percent of Filipinos, aged 20+, who are at healthy weight
Hawaii, 2001-2006**

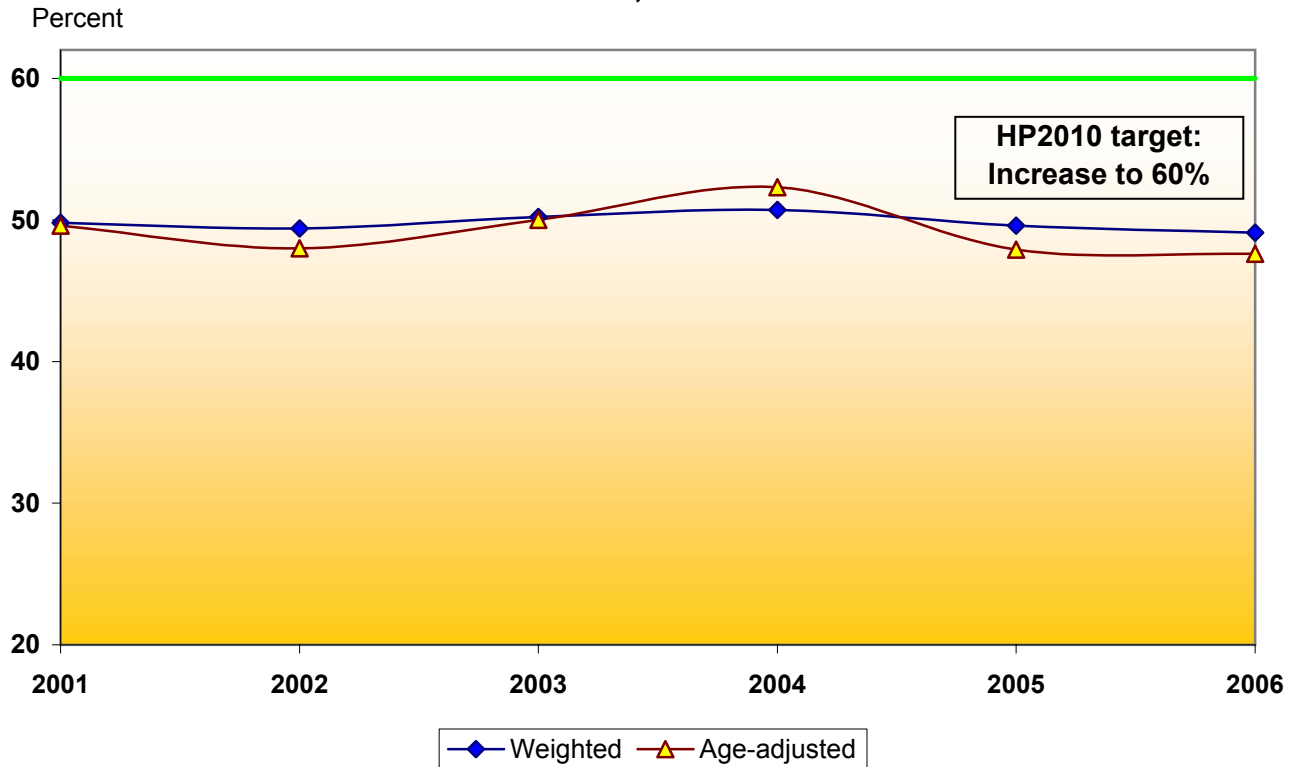


YEAR	2001	2002	2003	2004	2005	2006
Sample size	534	762	495	276	781	779
At healthy weight	256	377	260	129	365	325
Weight percentage	46.9	50.9	50.3	50.2	50.0	41.3
95% C.I.	(40.6 - 53.3)	(46.2 - 55.6)	(44.6 - 55.9)	(41.8 - 58.7)	(44.9 - 55.1)	(36.3 - 46.4)
Age-adjusted percentage	48.0	51.2	50.9	51.9	51.0	41.7
95% C.I.	(42.0 - 54.0)	(46.5 - 56.0)	(45.5 - 56.3)	(44.1 - 59.5)	(46.2 - 55.9)	(36.8 - 46.8)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-1/ SUPPLEMENT 6

**Percent of Japanese, aged 20+, who are at healthy weight
Hawaii, 2001-2006**

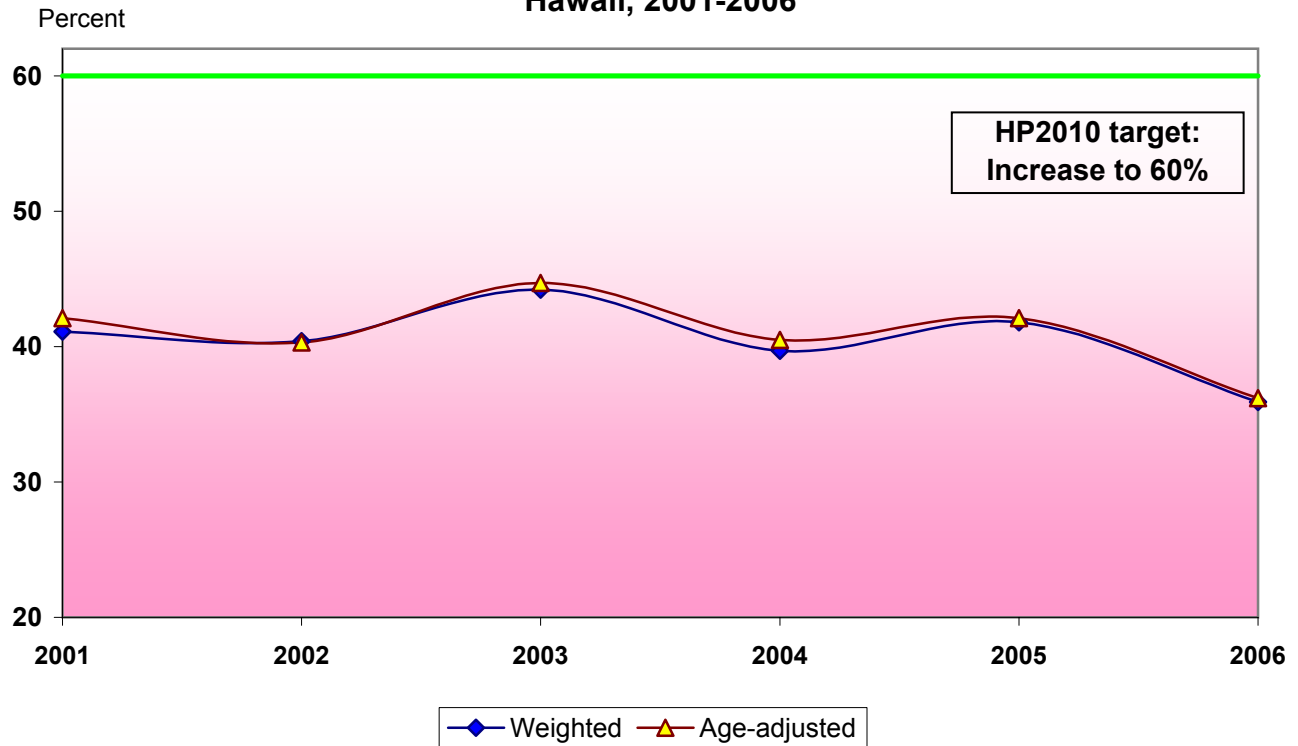


YEAR	2001	2002	2003	2004	2005	2006
Sample size	862	1160	770	441	1273	1278
At healthy weight	438	597	400	223	651	620
Weight percentage	49.8	49.4	50.2	50.7	49.6	49.1
95% C.I.	(45.4 - 54.2)	(45.8 - 53.0)	(45.7 - 54.7)	(44.7 - 56.7)	(46.1 - 53.1)	(45.6 - 52.7)
Age-adjusted percentage	49.6	48.0	50.0	52.3	47.9	47.6
95% C.I.	(44.8 - 54.5)	(44.2 - 51.8)	(44.7 - 55.4)	(45.4 - 59.1)	(43.8 - 52.1)	(43.6 - 51.7)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-1/ SUPPLEMENT 7

**Percent of adults of other races, aged 20+,
who are at healthy weight
Hawaii, 2001-2006**

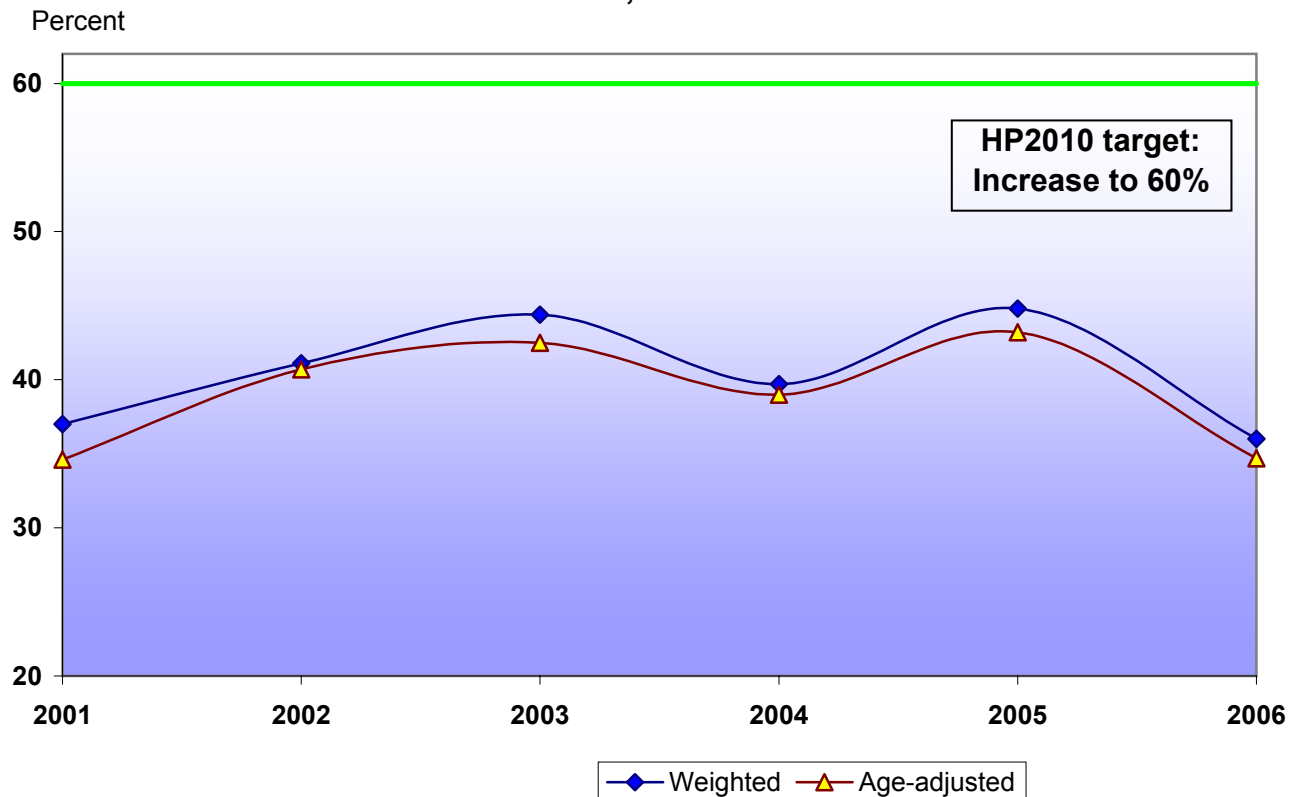


YEAR	2001	2002	2003	2004	2005	2006
Sample size	622	781	755	247	831	933
At healthy weight	289	332	361	112	349	366
Weight percentage	41.1	40.4	44.2	39.7	41.8	35.9
95% C.I.	(36.4 - 46.0)	(36.1 - 44.8)	(39.9 - 48.5)	(32.0 - 48.0)	(37.5 - 46.2)	(31.9 - 40.1)
Age-adjusted percentage	42.1	40.3	44.7	40.5	42.1	36.2
95% C.I.	(37.5 - 47.0)	(36.1 - 44.6)	(40.6 - 49.0)	(33.2 - 48.2)	(37.9 - 46.4)	(32.4 - 40.2)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-1/ SUPPLEMENT 8

**Percent of adults, in low income households, aged 20+,
who are at healthy weight
Hawaii, 2001-2006**

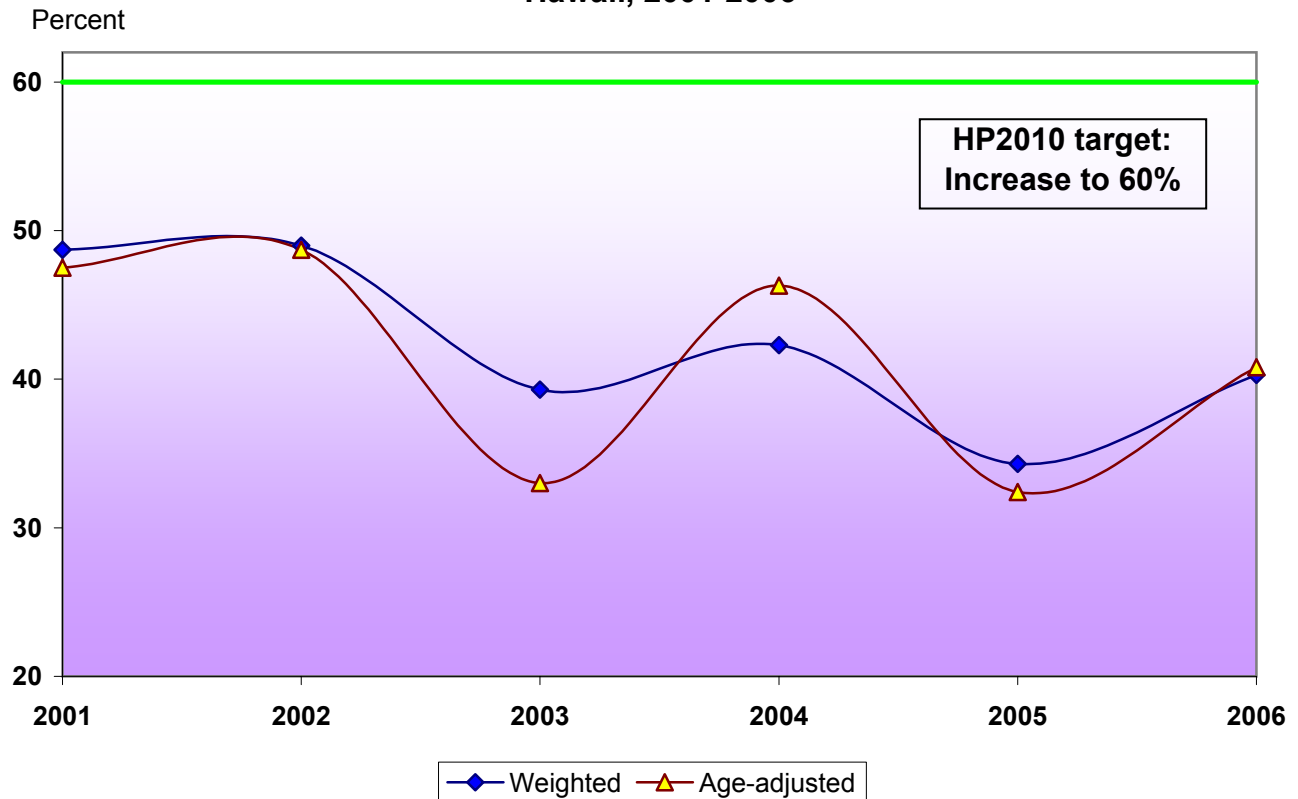


YEAR	2001	2002	2003	2004	2005	2006
Sample size	529	683	576	251	664	688
At healthy weight	222	305	268	105	263	242
Weight percentage	37.0	41.1	44.4	39.7	44.8	36.0
95% C.I.	(31.1 - 43.2)	(36.0 - 46.5)	(39.2 - 49.7)	(31.3 - 48.7)	(39.1 - 50.5)	(30.7 - 41.7)
Age-adjusted percentage	34.6	40.7	42.5	39.0	43.2	34.7
95% C.I.	(29.7 - 39.8)	(36.0 - 45.5)	(37.6 - 47.6)	(31.1 - 47.6)	(38.0 - 48.5)	(29.7 - 40.1)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-1/ SUPPLEMENT 9

**Percent of adults, with less education,
who are at healthy weight
Hawaii, 2001-2006**

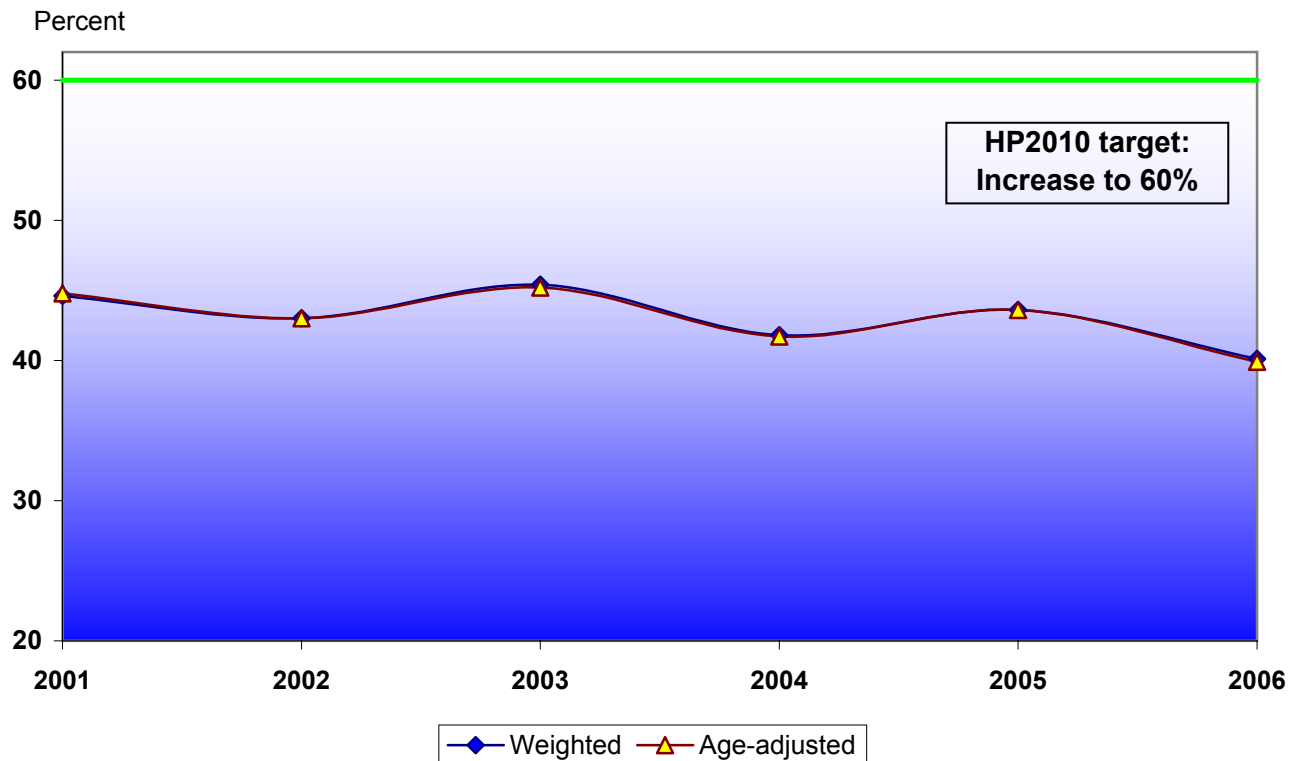


YEAR	2001	2002	2003	2004	2005	2006
Sample size	284	376	239	120	358	383
At healthy weight	130	185	105	48	131	146
Weight percentage	48.7	49.0	39.3	42.3	34.3	40.3
95% C.I.	(40.1 - 57.5)	(42.1 - 55.9)	(31.3 - 47.9)	(28.5 - 57.4)	(27.6 - 41.7)	(33.3 - 47.6)
Age-adjusted percentage	47.5	48.7	33.0	46.3	32.4	40.8
95% C.I.	(37.8 - 57.4)	(40.0 - 57.5)	(24.8 - 42.4)	(31.5 - 61.8)	(24.4 - 41.7)	(32.4 - 49.6)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-1/ SUPPLEMENT 10

**Percent of adults, aged 20+, who are at healthy weight
Honolulu county, Hawaii, 2001-2006**

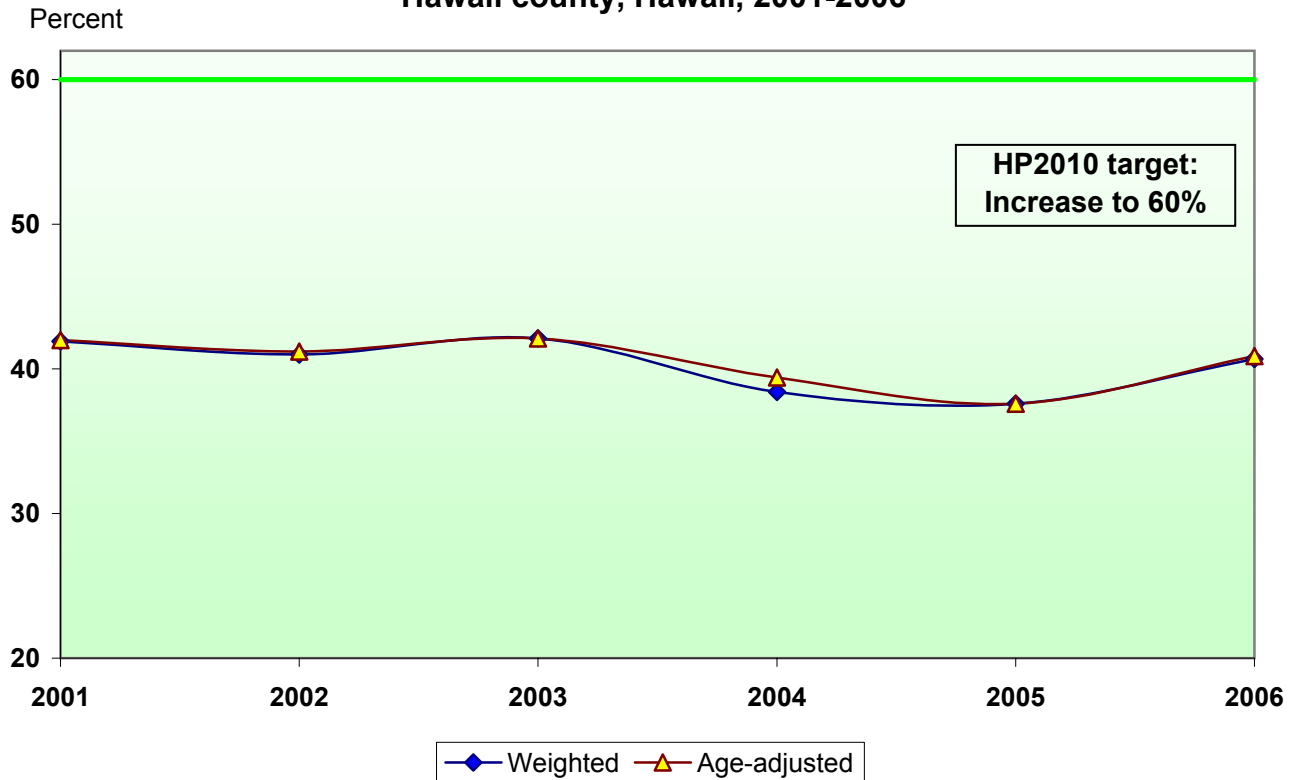


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1880	2769	2197	924	2933	2981
At healthy weight	881	1233	1053	409	1294	1247
Weight percentage	44.6	43.0	45.4	41.8	43.6	40.1
95% C.I.	(42.0 - 47.3)	(40.9 - 45.2)	(43.0 - 47.9)	(38.1 - 45.6)	(41.4 - 45.8)	(38.0 - 42.3)
Age-adjusted percentage	44.8	43.0	45.2	41.7	43.6	39.9
95% C.I.	(42.2 - 47.4)	(40.9 - 45.2)	(42.8 - 47.6)	(38.0 - 45.4)	(41.4 - 45.8)	(37.8 - 42.1)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-1/ SUPPLEMENT 11

**Percent of adults, aged 20+, who are at healthy weight
Hawaii county, Hawaii, 2001-2006**

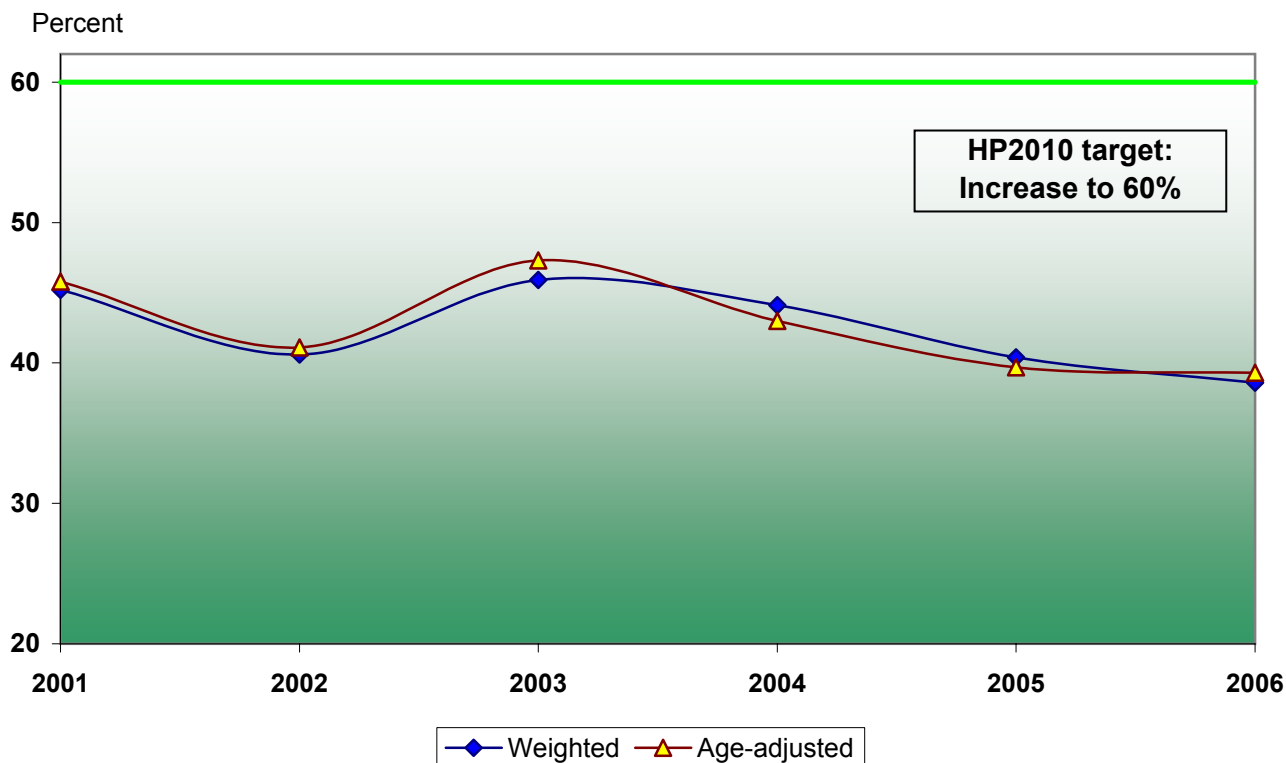


YEAR	2001	2002	2003	2004	2005	2006
Sample size	997	1361	960	559	1642	1381
At healthy weight	430	589	425	227	681	575
Weight percentage	41.9	41.0	42.1	38.4	37.6	40.7
95% C.I.	(38.4 - 45.5)	(37.9 - 44.1)	(38.5 - 45.8)	(33.6 - 43.4)	(34.8 - 40.6)	(37.6 - 43.9)
Age-adjusted percentage	42.0	41.2	42.1	39.4	37.6	40.9
95% C.I.	(38.4 - 45.7)	(38.0 - 44.4)	(38.3 - 46.1)	(34.3 - 44.7)	(34.6 - 40.7)	(37.6 - 44.4)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-1/ SUPPLEMENT 12

**Percent of adults, aged 20+, who are at healthy weight
Kauai county, Hawaii, 2001-2006**

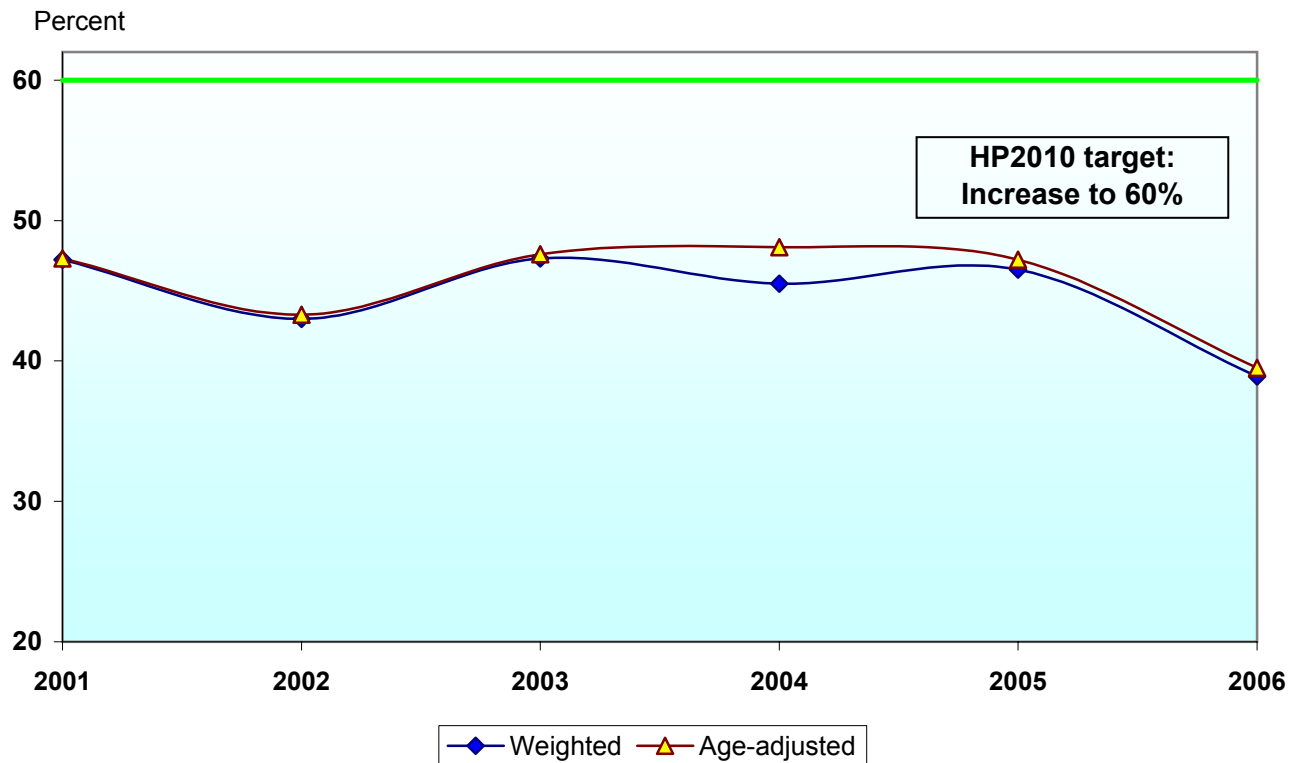


YEAR	2001	2002	2003	2004	2005	2006
Sample size	542	590	409	288	581	658
At healthy weight	259	251	195	134	245	261
Weight percentage	45.2	40.6	45.9	44.1	40.4	38.6
95% C.I.	(40.2 - 50.3)	(36.1 - 45.3)	(40.4 - 51.4)	(37.5 - 51.0)	(35.6 - 45.4)	(34.0 - 43.4)
Age-adjusted percentage	45.8	41.1	47.3	43.0	39.7	39.3
95% C.I.	(40.8 - 50.9)	(36.5 - 45.9)	(41.5 - 53.2)	(36.7 - 49.6)	(34.5 - 45.1)	(34.5 - 44.3)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-1/ SUPPLEMENT 13

**Percent of adults, aged 20+, who are at healthy weight
Maui county, Hawaii, 2001-2006**

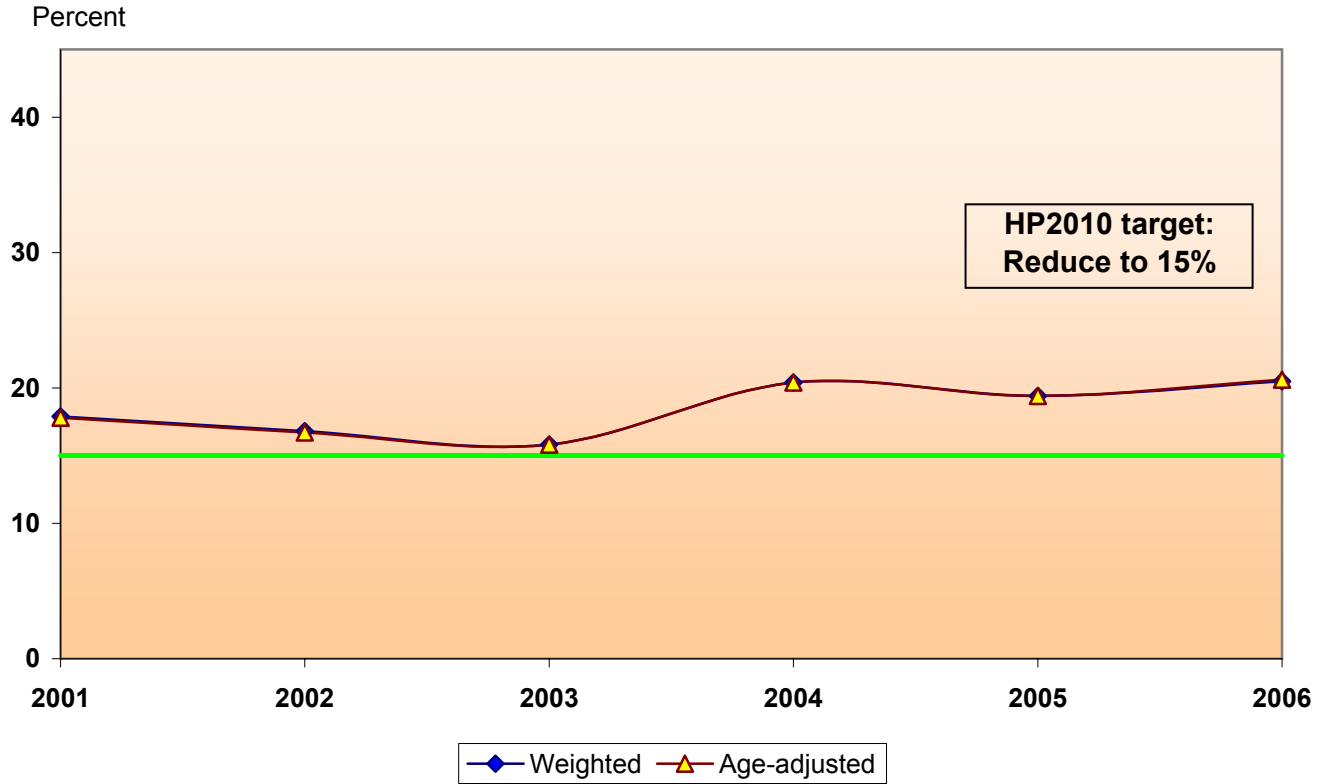


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1000	1183	689	408	1173	1468
At healthy weight	482	525	320	184	530	597
Weight percentage	47.2	43.0	47.3	45.5	46.5	38.9
95% C.I.	(43.4 - 51.0)	(39.7 - 46.4)	(42.8 - 52.0)	(38.8 - 52.3)	(42.6 - 50.4)	(35.5 - 42.4)
Age-adjusted percentage	47.3	43.3	47.6	48.1	47.2	39.5
95% C.I.	(43.5 - 51.1)	(40.0 - 46.7)	(43.0 - 52.3)	(41.5 - 54.6)	(43.1 - 51.2)	(36.0 - 43.1)
GOAL (%)	60	60	60	60	60	60

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-2

Percent of adults, aged 20+, who are obese Hawaii, 2001-2006

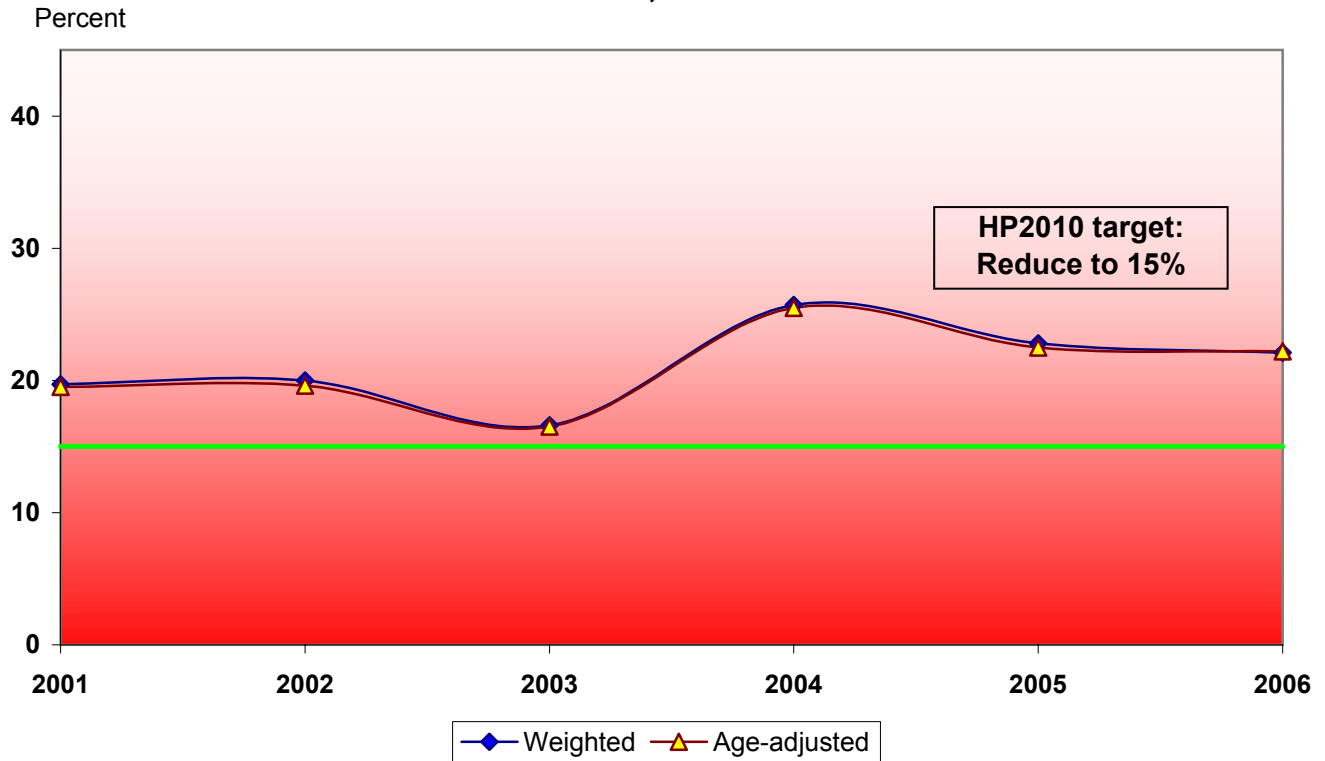


YEAR	2001	2002	2003	2004	2005	2006
Sample size	4419	5903	4255	2179	6329	6488
Are obese	723	960	659	401	1188	1258
Weight percentage	17.9	16.8	15.8	20.4	19.4	20.5
95% C.I.	(16.3 - 19.6)	(15.6 - 18.2)	(14.4 - 17.3)	(18.0 - 23.1)	(18.0 - 20.8)	(19.1 - 21.9)
Age-adjusted percentage	17.8	16.7	15.8	20.4	19.4	20.6
95% C.I.	(16.2 - 19.5)	(15.5 - 18.0)	(14.4 - 17.3)	(17.9 - 23.1)	(18.0 - 20.8)	(19.2 - 22.1)
GOAL (%)	15	15	15	15	15	15

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-2/ SUPPLEMENT 1

Percent of men, aged 20+, who are obese
Hawaii, 2001-2006

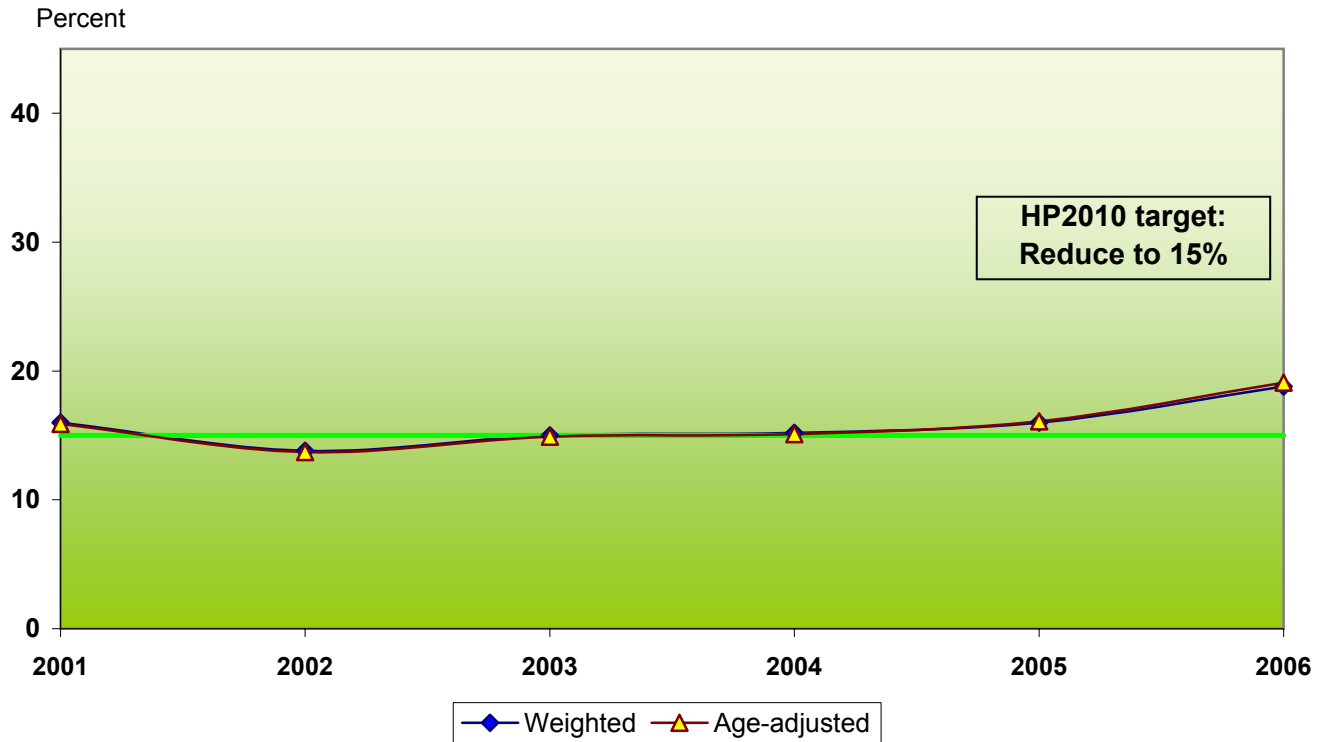


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1898	2554	1717	850	2538	2745
Are obese	349	521	281	195	565	578
Weight percentage	19.7	20.0	16.6	25.7	22.8	22.1
95% C.I.	(17.2 - 22.5)	(18.0 - 22.1)	(14.5 - 19.0)	(21.7 - 30.2)	(20.6 - 25.1)	(20.0 - 24.4)
Age-adjusted percentage	19.5	19.6	16.5	25.5	22.5	22.2
95% C.I.	(17.1 - 22.2)	(17.8 - 21.7)	(14.4 - 18.8)	(21.6 - 29.9)	(20.4 - 24.8)	(20.1 - 24.5)
GOAL (%)	15	15	15	15	15	15

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-2/ SUPPLEMENT 2

**Percent of women, aged 20+, who are obese
Hawaii, 2001-2006**

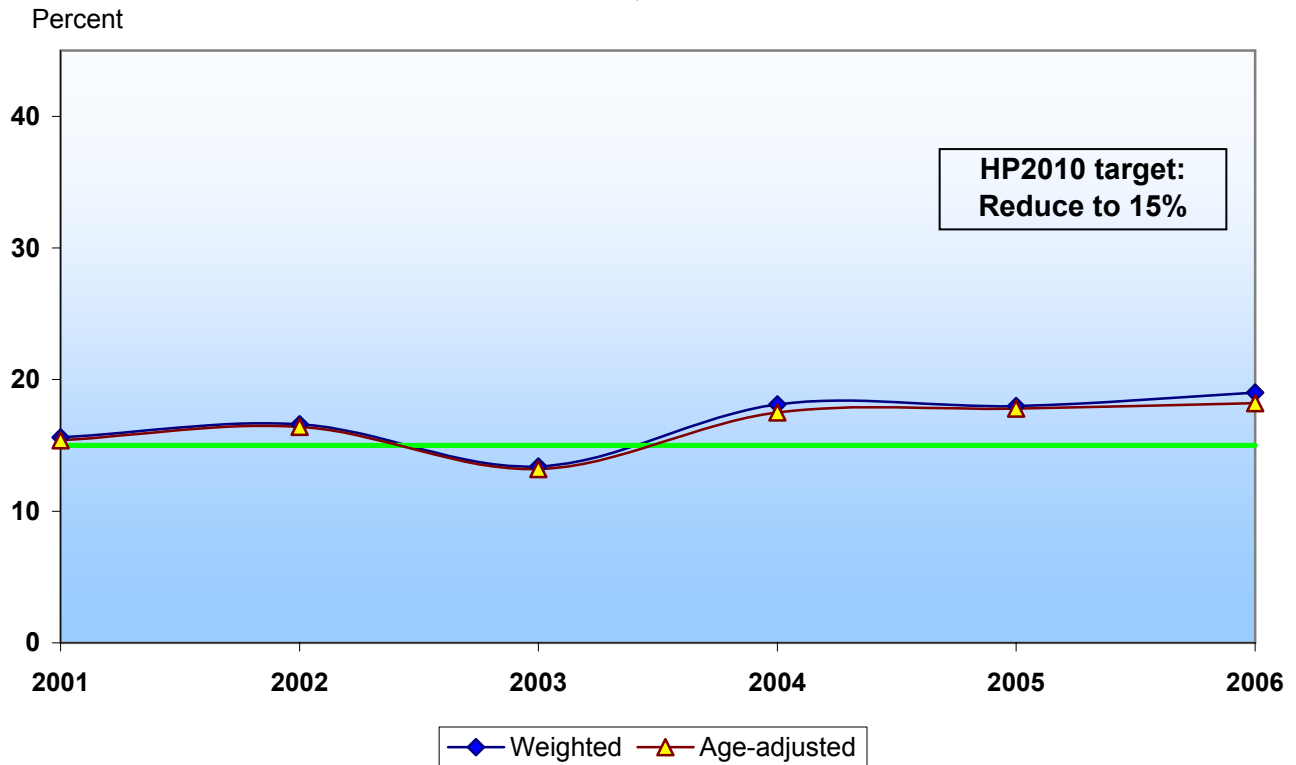


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2521	3349	2538	1329	3791	3743
Are obese	374	439	378	206	623	680
Weight percentage	16.0	13.8	15.0	15.2	16.0	18.8
95% C.I.	(14.1 - 18.2)	(12.2 - 15.4)	(13.3 - 16.9)	(12.6 - 18.3)	(14.5 - 17.7)	(17.1 - 20.7)
Age-adjusted percentage	15.9	13.7	14.9	15.1	16.1	19.1
95% C.I.	(14.0 - 18.1)	(12.2 - 15.4)	(13.3 - 16.8)	(12.4 - 18.1)	(14.5 - 17.8)	(17.3 - 21.0)
GOAL (%)	15	15	15	15	15	15

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-2/ SUPPLEMENT 3

**Percent of White adults, aged 20+, who are obese
Hawaii, 2001-2006**

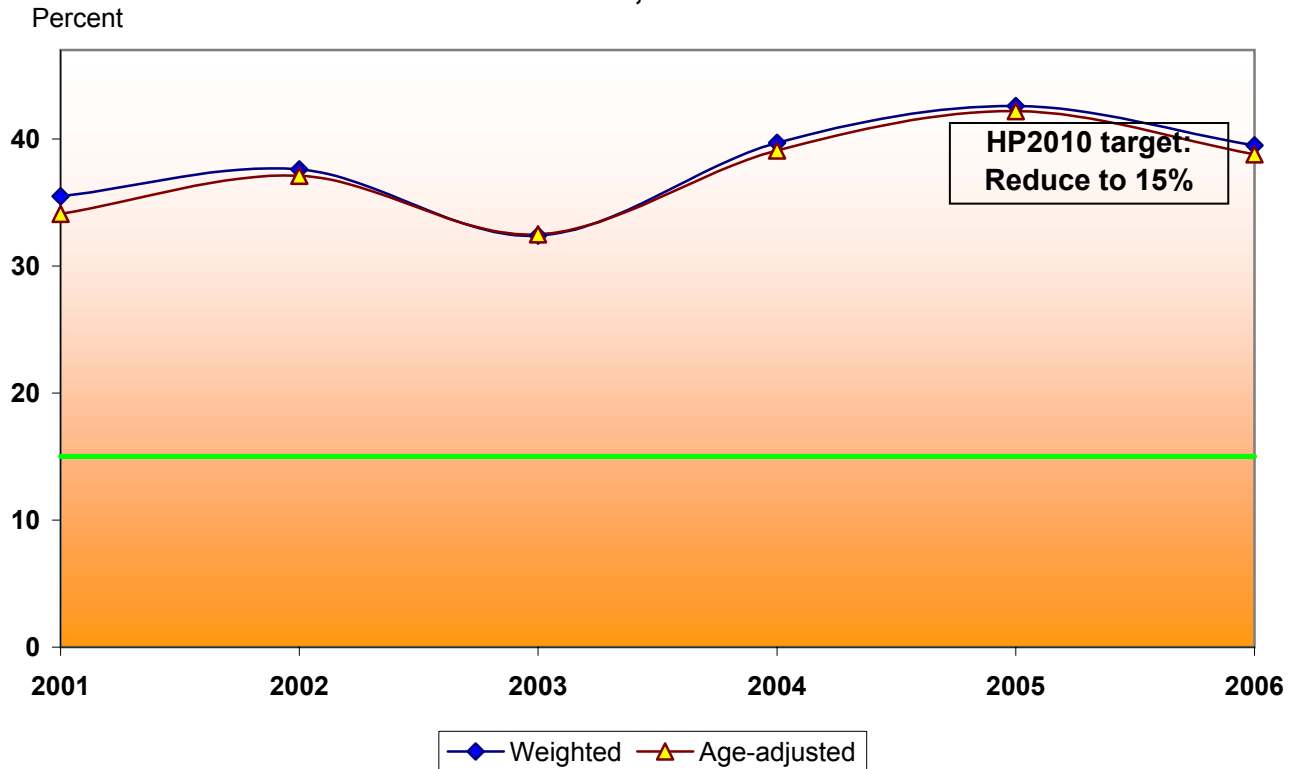


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1836	2450	1640	860	2677	2714
Are obese	279	371	224	140	460	482
Weight percentage	15.6	16.6	13.4	18.1	18.0	19.0
95% C.I.	(13.5 - 17.9)	(14.6 - 18.9)	(11.5 - 15.7)	(14.6 - 22.2)	(16.0 - 20.3)	(17.0 - 21.1)
Age-adjusted percentage	15.4	16.4	13.2	17.5	17.8	18.2
95% C.I.	(13.4 - 17.7)	(14.5 - 18.5)	(11.2 - 15.4)	(14.0 - 21.6)	(15.6 - 20.2)	(16.2 - 20.4)
GOAL (%)	15	15	15	15	15	15

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-2/ SUPPLEMENT 4

**Percent of Hawaiians, aged 20+, who are obese
Hawaii, 2001-2006**

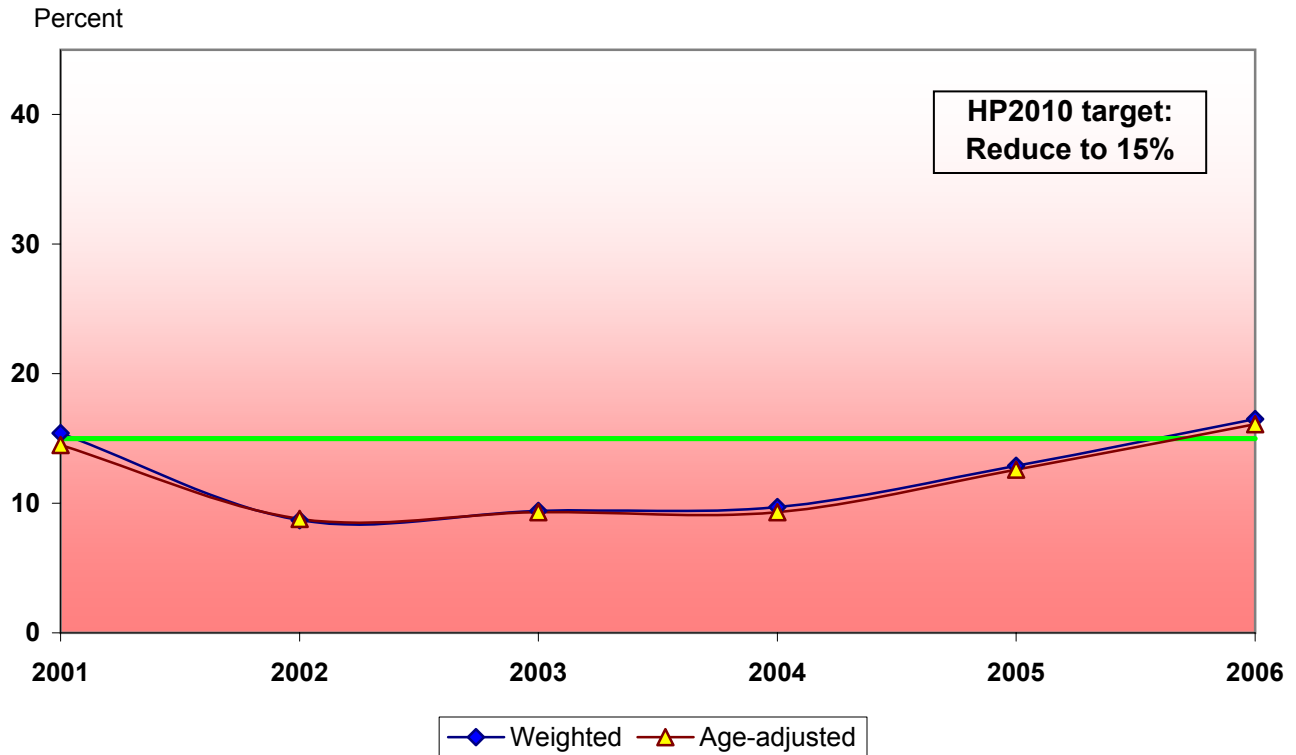


YEAR	2001	2002	2003	2004	2005	2006
Sample size	565	750	595	355	767	784
Are obese	194	284	199	124	309	303
Weight percentage	35.5	37.6	32.4	39.7	42.6	39.5
95% C.I.	(30.3 - 41.1)	(32.9 - 42.5)	(27.8 - 37.4)	(32.7 - 47.3)	(37.7 - 47.6)	(34.6 - 44.5)
Age-adjusted percentage	34.1	37.1	32.5	39.1	42.2	38.8
95% C.I.	(29.1 - 39.3)	(32.7 - 41.7)	(28.0 - 37.4)	(32.5 - 46.2)	(37.5 - 47.1)	(34.2 - 43.5)
GOAL (%)	15	15	15	15	15	15

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-2/ SUPPLEMENT 5

**Percent of Filipinos, aged 20+, who are obese
Hawaii, 2001-2006**

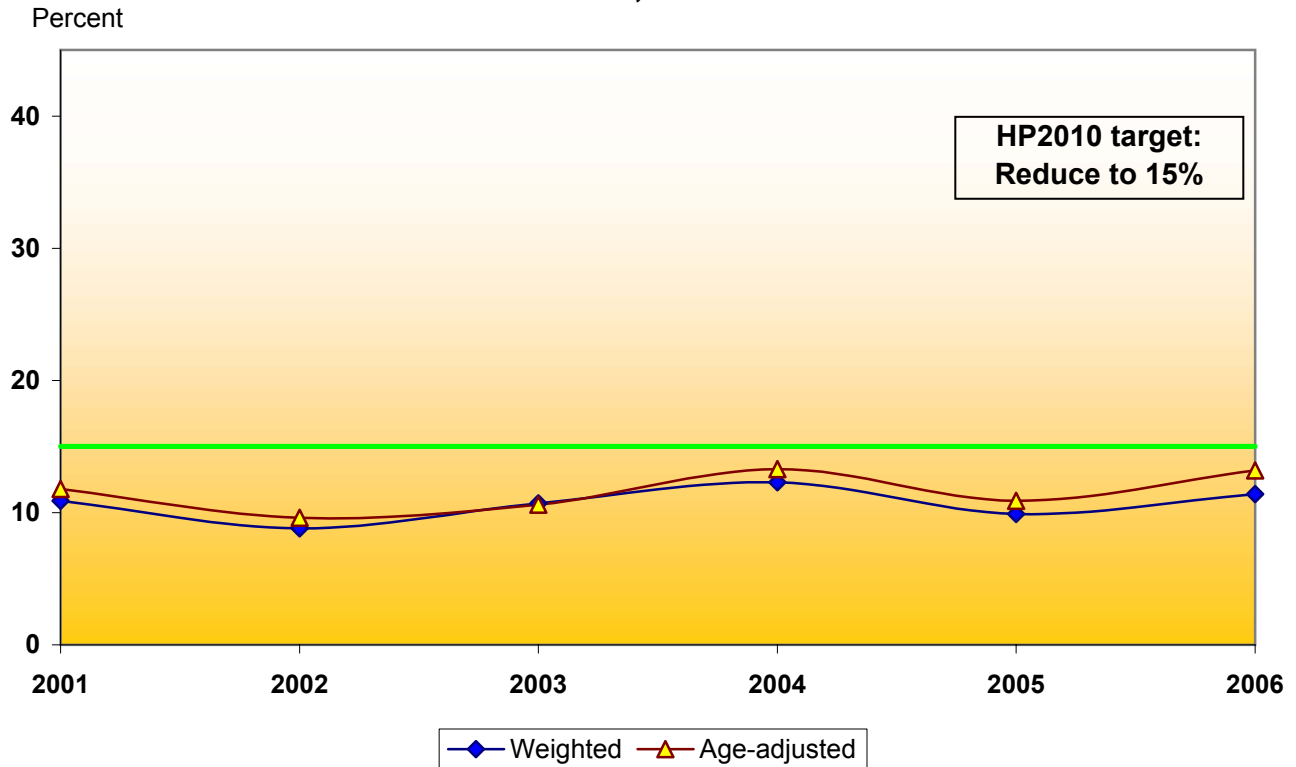


YEAR	2001	2002	2003	2004	2005	2006
Sample size	534	762	495	276	781	779
Are obese	66	71	52	39	115	128
Weight percentage	15.4	8.7	9.4	9.7	12.9	16.5
95% C.I.	(10.6 - 21.9)	(6.6 - 11.5)	(6.8 - 13.0)	(6.2 - 15.1)	(10.2 - 16.3)	(13.1 - 20.6)
Age-adjusted percentage	14.5	8.8	9.3	9.3	12.6	16.1
95% C.I.	(10.3 - 20.1)	(6.7 - 11.6)	(6.7 - 12.8)	(6.1 - 14.0)	(10.0 - 15.9)	(12.9 - 20.0)
GOAL (%)	15	15	15	15	15	15

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-2/ SUPPLEMENT 6

**Percent of Japanese, aged 20+, who are obese
Hawaii, 2001-2006**

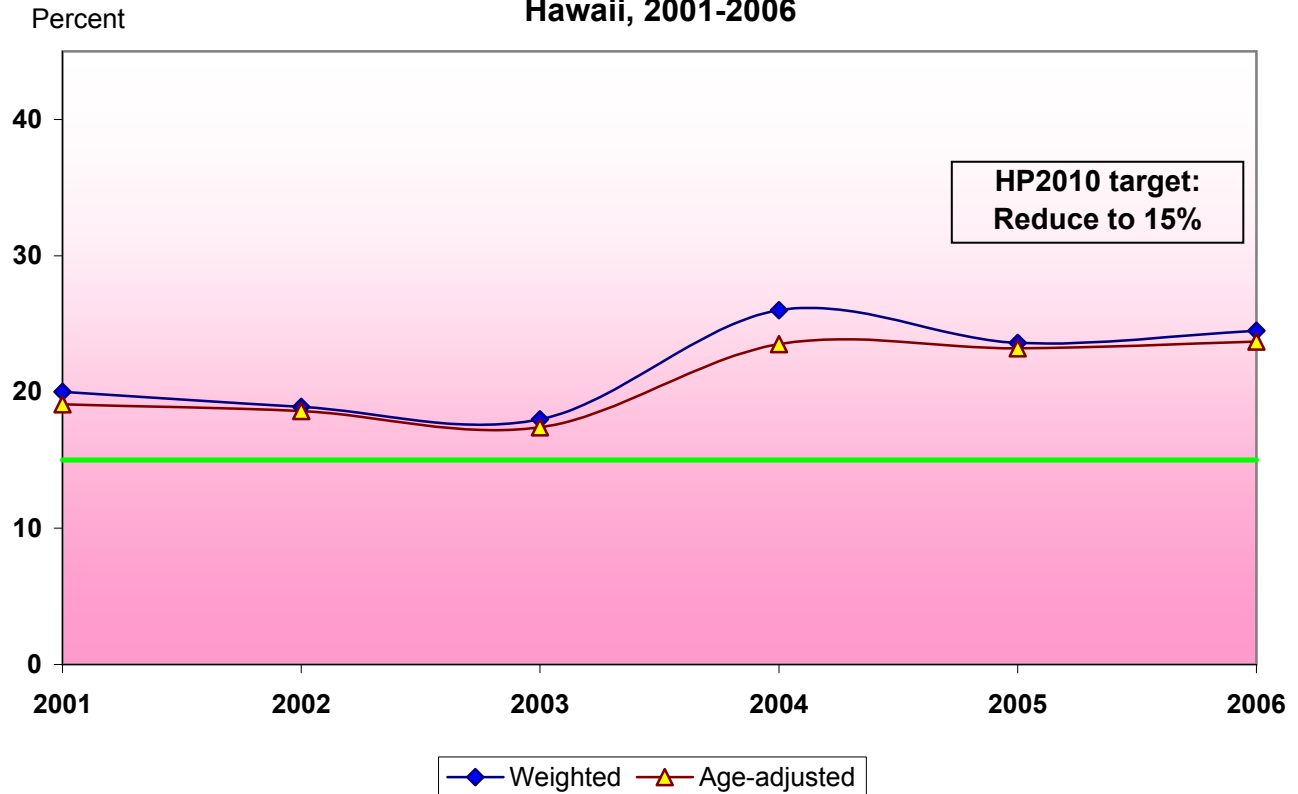


YEAR	2001	2002	2003	2004	2005	2006
Sample size	862	1160	770	441	1273	1278
Are obese	82	100	74	54	124	139
Weight percentage	10.9	8.8	10.7	12.3	9.9	11.4
95% C.I.	(8.3 - 14.1)	(6.9 - 11.0)	(8.1 - 14.1)	(9.0 - 16.7)	(8.0 - 12.2)	(9.2 - 13.9)
Age-adjusted percentage	11.8	9.6	10.6	13.3	10.9	13.2
95% C.I.	(8.9 - 15.6)	(7.5 - 12.2)	(8.0 - 13.9)	(9.2 - 18.9)	(8.6 - 13.7)	(10.5 - 16.5)
GOAL (%)	15	15	15	15	15	15

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-2/ SUPPLEMENT 7

**Percent of adults of other races, aged 20+, who are obese
Hawaii, 2001-2006**

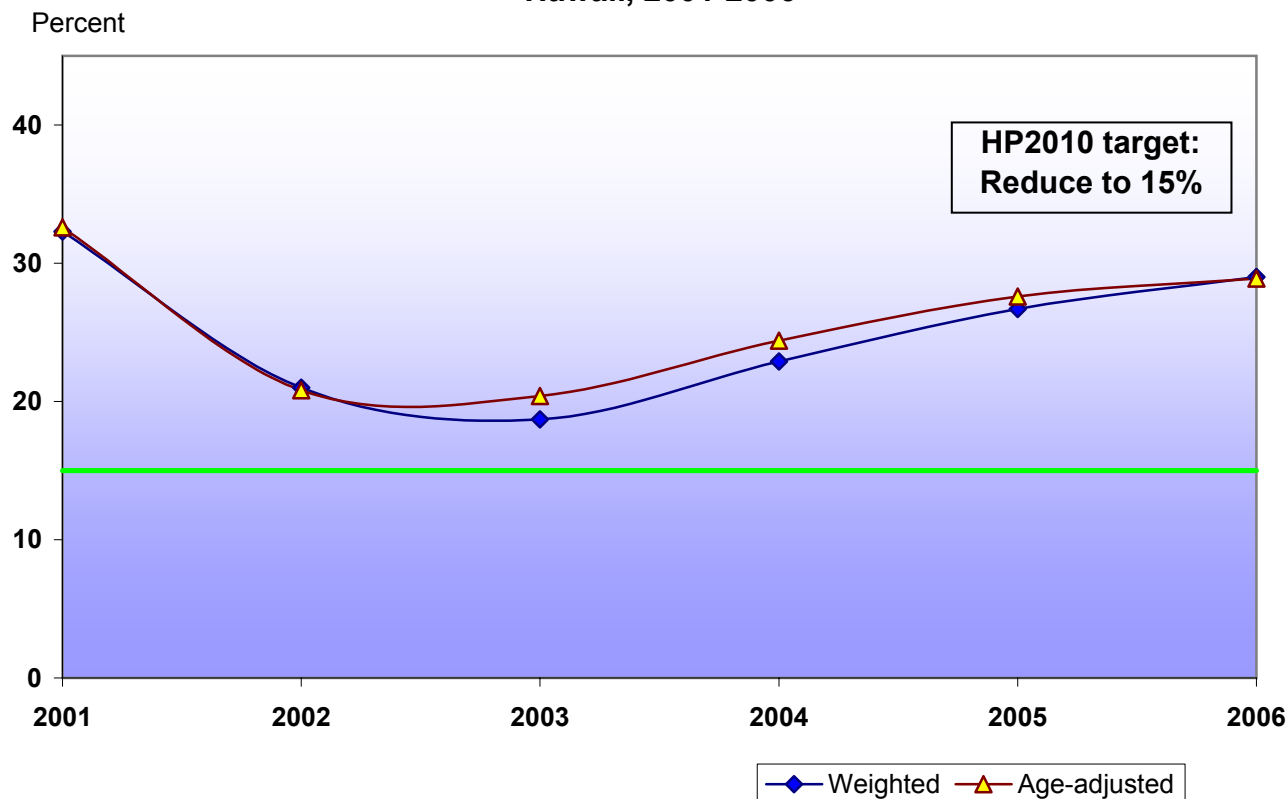


YEAR	2001	2002	2003	2004	2005	2006
Sample size	622	781	755	247	831	933
Are obese	102	134	110	44	180	206
Weight percentage	20.0	18.9	18.0	26.0	23.6	24.5
95% C.I.	(15.8 - 25.1)	(15.6 - 22.7)	(14.6 - 21.9)	(17.9 - 36.0)	(19.9 - 27.8)	(20.8 - 28.7)
Age-adjusted percentage	19.1	18.6	17.4	23.5	23.2	23.7
95% C.I.	(15.2 - 23.7)	(15.5 - 22.2)	(14.2 - 21.1)	(17.1 - 31.3)	(19.6 - 27.1)	(20.3 - 27.5)
GOAL (%)	15	15	15	15	15	15

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-2/ SUPPLEMENT 8

**Percent of adults, in low income households, aged 20+,
who are obese
Hawaii, 2001-2006**

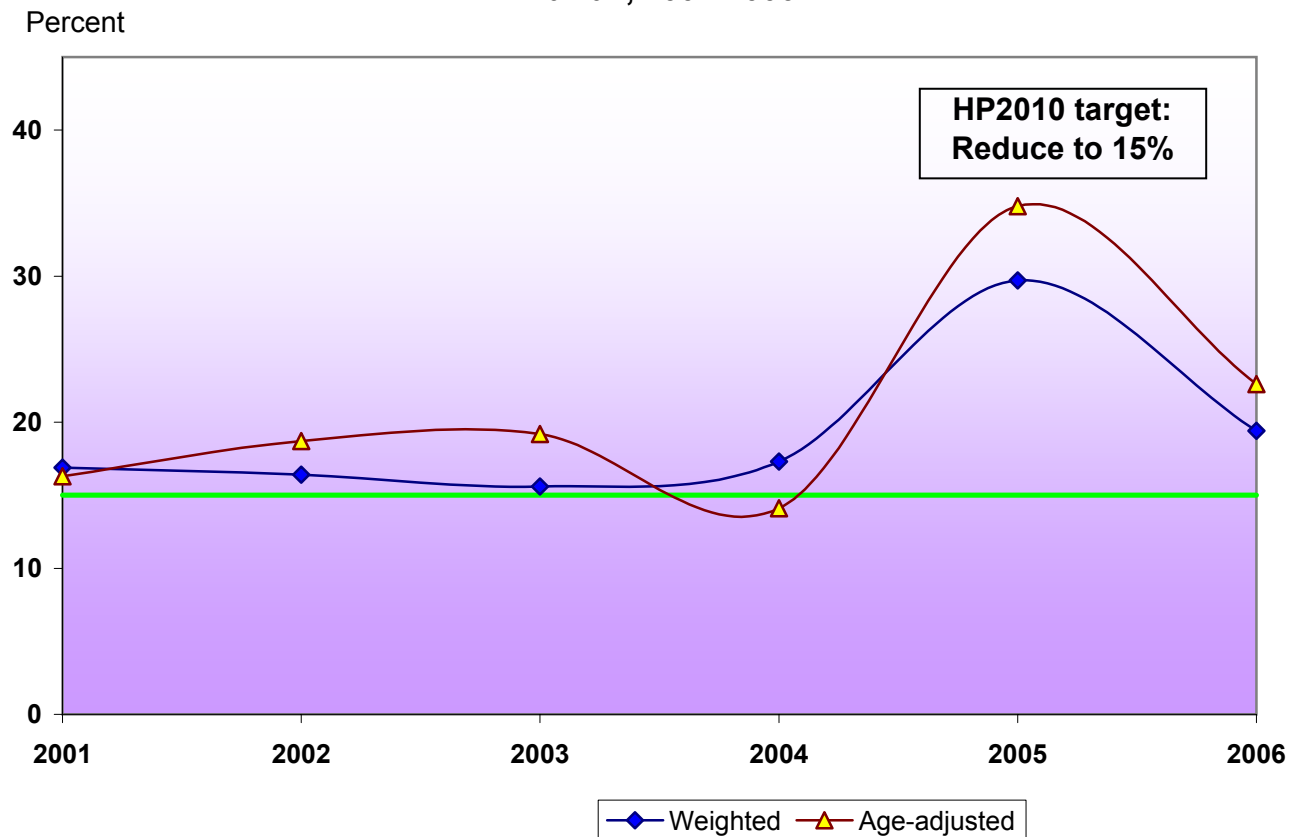


YEAR	2001	2002	2003	2004	2005	2006
Sample size	529	683	576	251	664	688
Are obese	133	144	111	54	190	196
Weight percentage	32.3	21.0	18.7	22.9	26.7	29.0
95% C.I.	(26.1 - 39.3)	(17.2 - 25.3)	(15.1 - 23.0)	(16.0 - 31.6)	(22.2 - 31.7)	(24.2 - 34.4)
Age-adjusted percentage	32.6	20.8	20.4	24.4	27.6	28.9
95% C.I.	(26.8 - 39.0)	(17.2 - 24.9)	(16.5 - 24.9)	(17.8 - 32.6)	(23.3 - 32.3)	(24.2 - 34.1)
GOAL (%)	15	15	15	15	15	15

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-2/ SUPPLEMENT 9

Percent of adults, with less education, who are obese Hawaii, 2001-2006

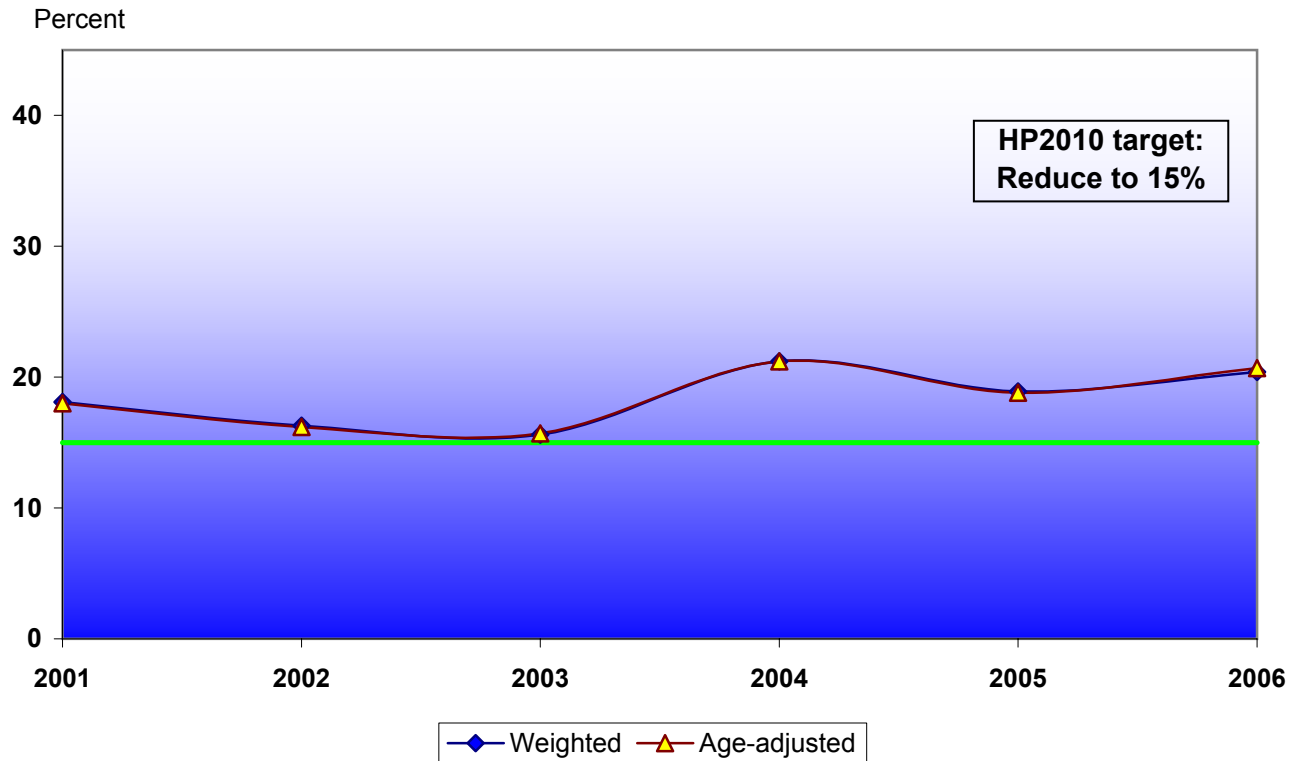


YEAR	2001	2002	2003	2004	2005	2006
Sample size	284	376	239	120	358	383
Are obese	50	63	35	28	101	82
Weight percentage	16.9	16.4	15.6	17.3	29.7	19.4
95% C.I.	(11.5 - 24.0)	(12.2 - 21.6)	(10.5 - 22.4)	(10.0 - 28.4)	(23.2 - 37.1)	(14.8 - 25.0)
Age-adjusted percentage	16.3	18.7	19.2	14.1	34.8	22.6
95% C.I.	(10.4 - 24.7)	(12.8 - 26.5)	(12.7 - 27.9)	(7.9 - 24.1)	(26.4 - 44.2)	(16.7 - 29.7)
GOAL (%)	15	15	15	15	15	15

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-2/ SUPPLEMENT 10

Percent of adults, aged 20+, who are obese
Honolulu county, Hawaii, 2001-2006

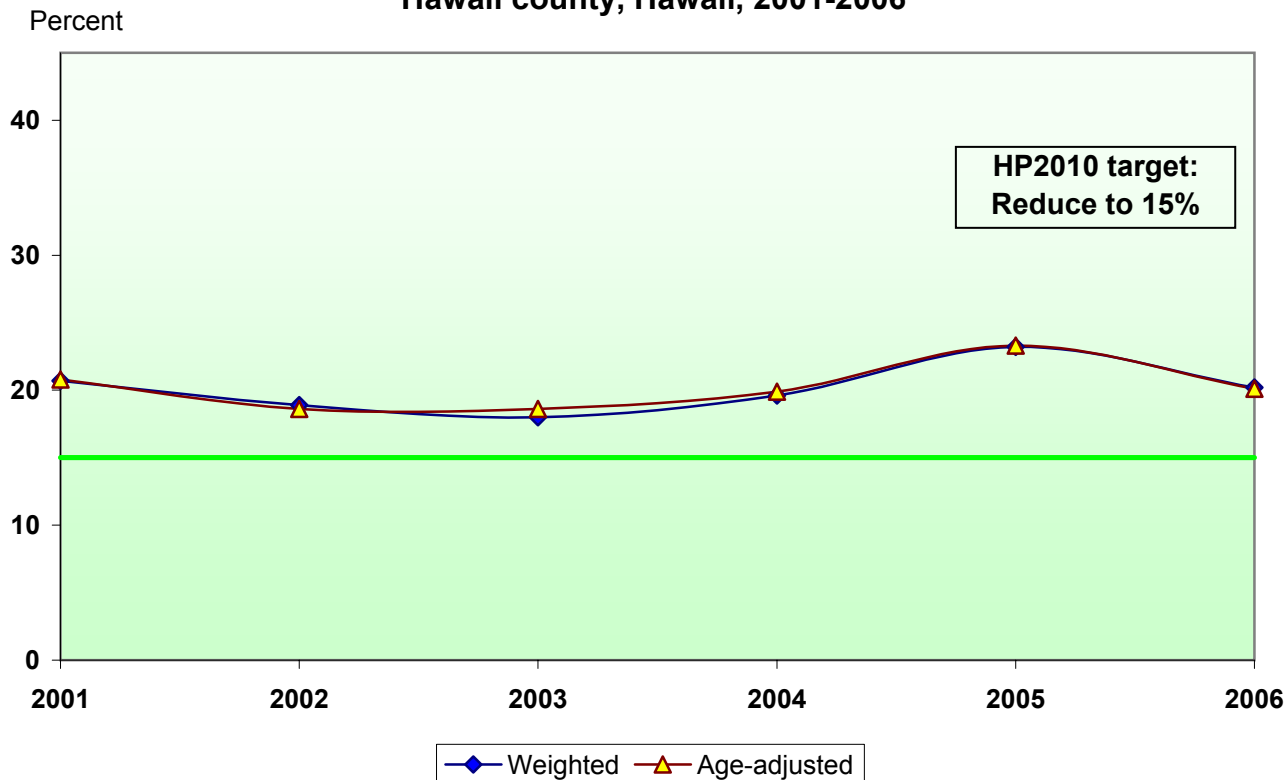


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1880	2769	2197	924	2933	2981
Are obese	304	427	324	175	512	563
Weight percentage	18.1	16.3	15.6	21.2	18.9	20.4
95% C.I.	(16.0 - 20.4)	(14.7 - 18.0)	(13.9 - 17.6)	(18.0 - 24.7)	(17.1 - 20.7)	(18.7 - 22.3)
Age-adjusted percentage	18.0	16.2	15.7	21.2	18.8	20.7
95% C.I.	(15.9 - 20.2)	(14.7 - 17.9)	(14.0 - 17.6)	(18.0 - 24.8)	(17.1 - 20.7)	(18.9 - 22.7)
GOAL (%)	15	15	15	15	15	15

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-2/ SUPPLEMENT 11

**Percent of adults, aged 20+, who are obese
Hawaii county, Hawaii, 2001-2006**

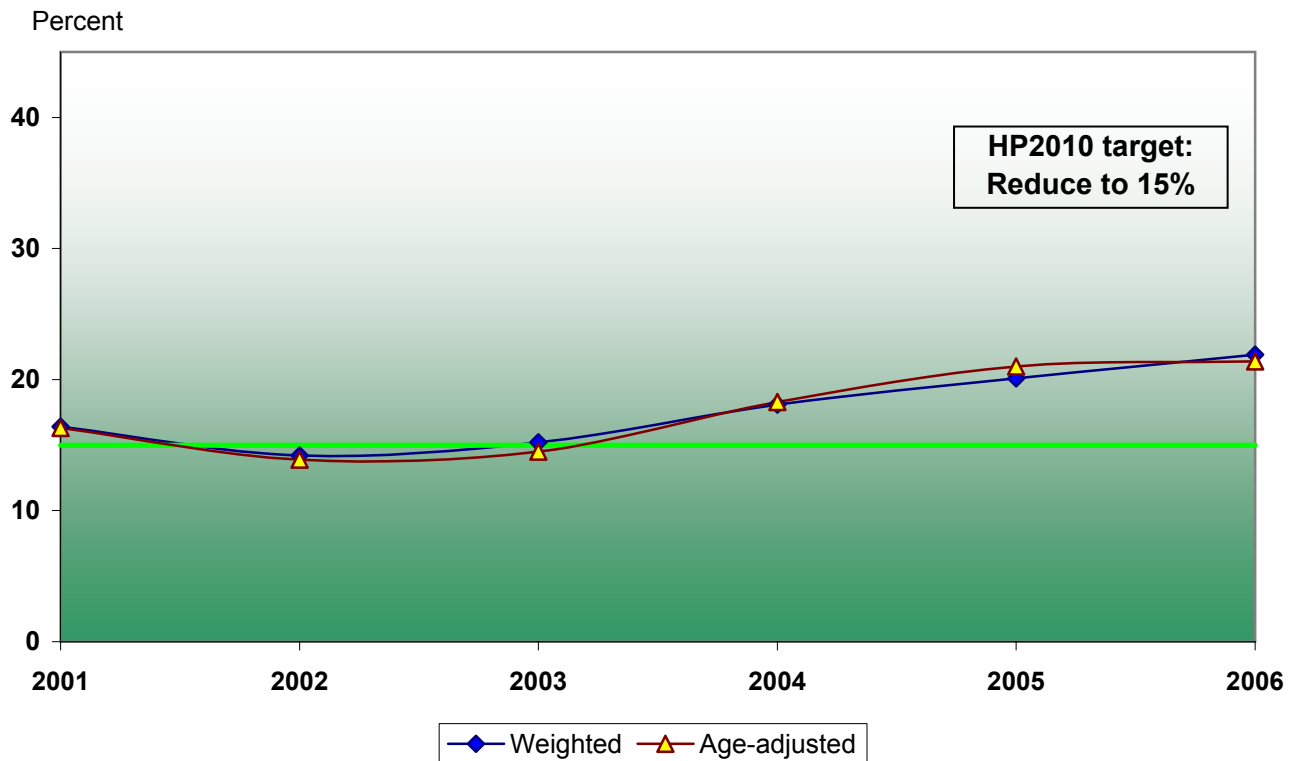


YEAR	2001	2002	2003	2004	2005	2006
Sample size	997	1361	960	559	1642	1381
Are obese	191	234	163	101	338	262
Weight percentage	20.7	18.9	18.0	19.6	23.2	20.2
95% C.I.	(17.9 - 23.8)	(16.5 - 21.6)	(15.2 - 21.2)	(15.7 - 24.2)	(20.5 - 26.1)	(17.6 - 23.1)
Age-adjusted percentage	20.8	18.6	18.6	19.9	23.3	20.1
95% C.I.	(17.9 - 24.0)	(16.1 - 21.5)	(15.5 - 22.0)	(15.7 - 24.9)	(20.5 - 26.3)	(17.4 - 23.1)
GOAL (%)	15	15	15	15	15	15

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-2/ SUPPLEMENT 12

Percent of adults, aged 20+, who are obese Kauai county, Hawaii, 2001-2006

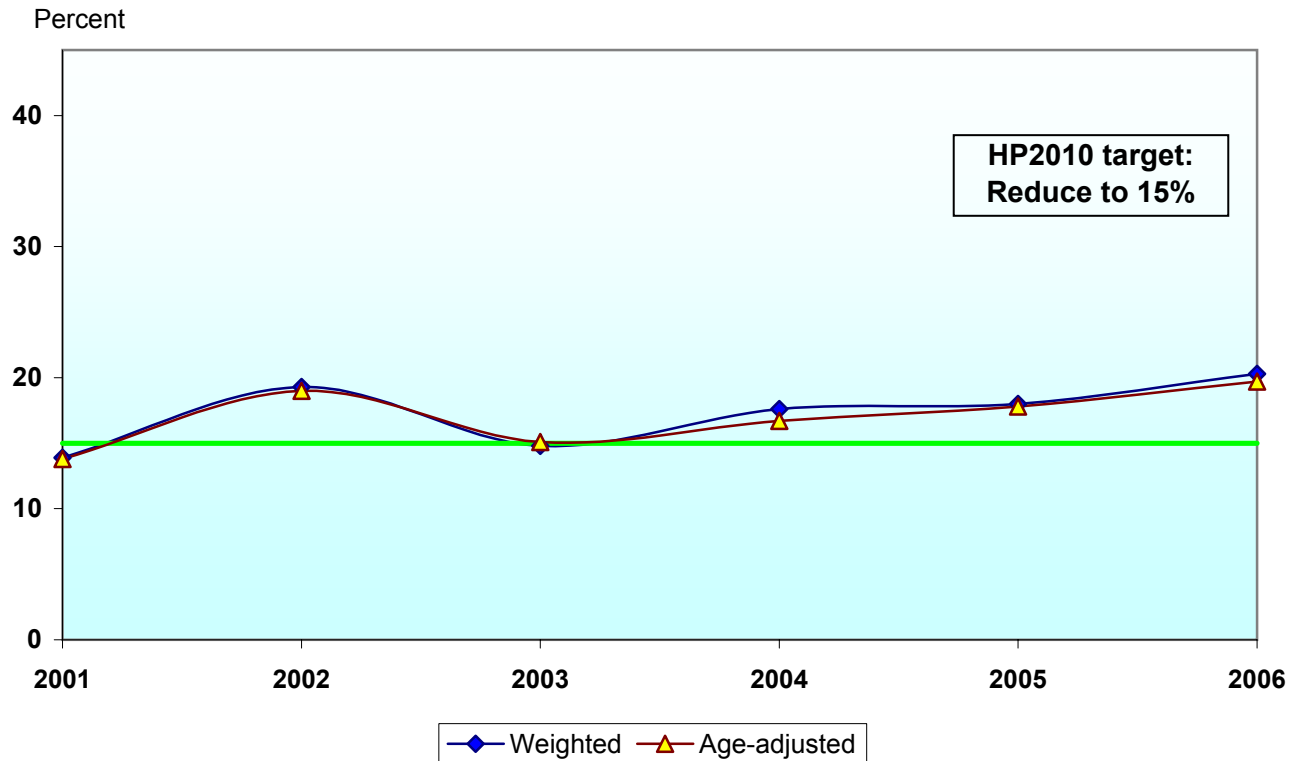


YEAR	2001	2002	2003	2004	2005	2006
Sample size	542	590	409	288	581	658
Are obese	88	82	62	53	112	133
Weight percentage	16.4	14.2	15.2	18.1	20.1	21.9
95% C.I.	(13.1 - 20.4)	(11.1 - 18.0)	(11.6 - 19.6)	(13.6 - 23.7)	(16.2 - 24.8)	(17.9 - 26.5)
Age-adjusted percentage	16.3	13.9	14.5	18.3	21.0	21.4
95% C.I.	(13.1 - 20.2)	(10.7 - 17.9)	(11.1 - 18.8)	(13.6 - 24.0)	(16.3 - 26.6)	(17.3 - 26.1)
GOAL (%)	15	15	15	15	15	15

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-2/ SUPPLEMENT 13

Percent of adults, aged 20+, who are obese Maui county, Hawaii, 2001-2006

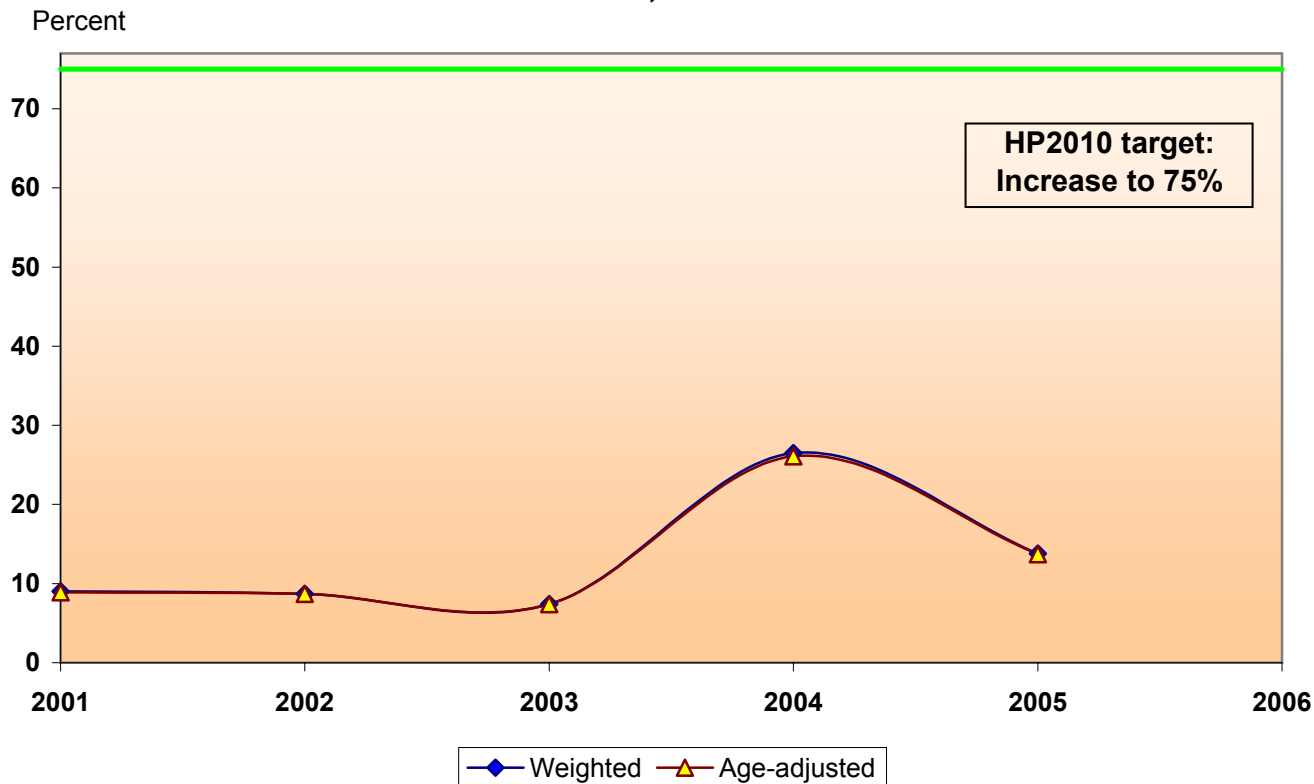


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1000	1183	689	408	1173	1468
Are obese	140	217	110	72	226	300
Weight percentage	13.9	19.3	14.8	17.6	18.0	20.3
95% C.I.	(11.5 - 16.7)	(16.6 - 22.3)	(11.8 - 18.3)	(12.6 - 24.0)	(15.2 - 21.1)	(17.6 - 23.2)
Age-adjusted percentage	13.8	19.0	15.1	16.7	17.8	19.7
95% C.I.	(11.3 - 16.6)	(16.3 - 22.0)	(12.0 - 18.8)	(12.1 - 22.6)	(15.0 - 21.0)	(17.0 - 22.7)
GOAL (%)	15	15	15	15	15	15

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-5

Percent of adults who consume daily 2+ servings of fruits Hawaii, 2001-2006

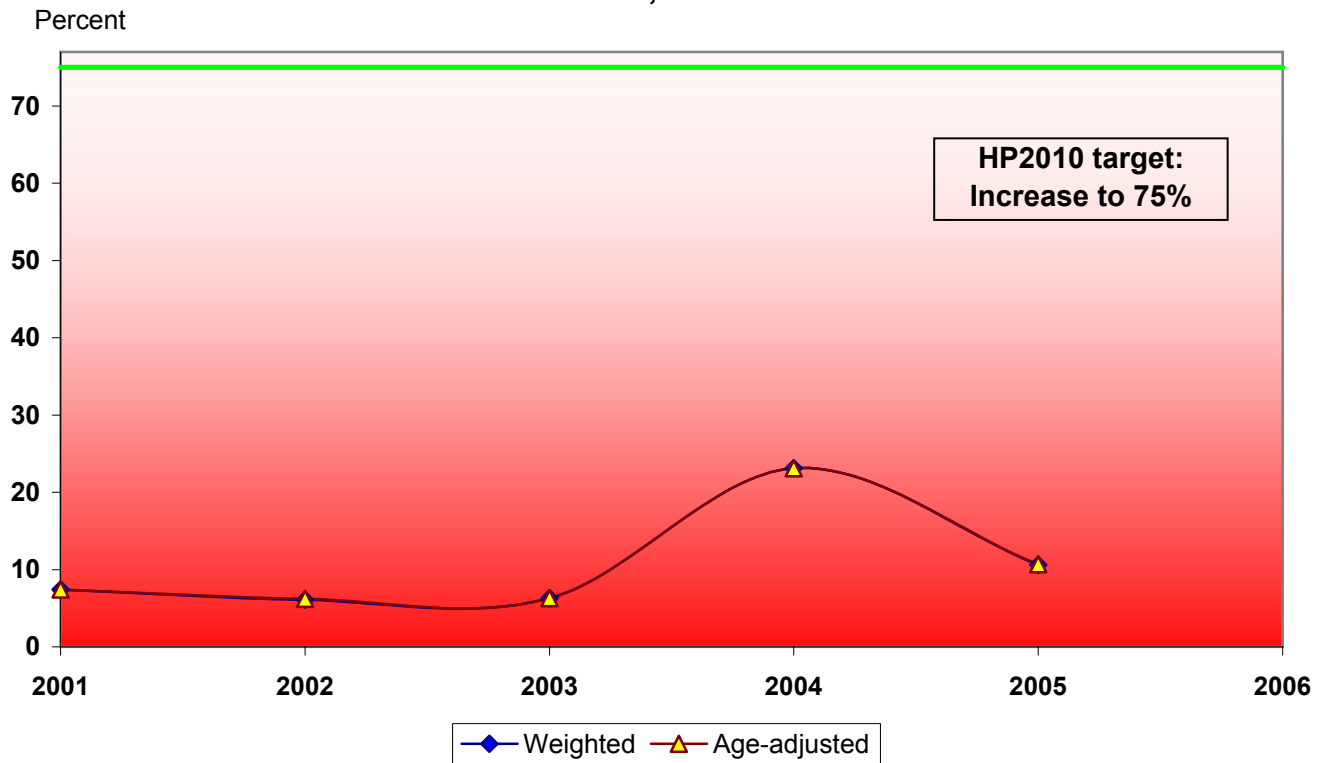


YEAR	2001	2002	2003	2004	2005	2006
Sample size	4500	6000	4339	2108	6300	N/A
Consume daily 2+ servings of fruits	449	545	332	610	927	
Weight percentage	9.0	8.7	7.4	26.5	13.8	
95% C.I.	(8.0 - 10.1)	(7.8 - 9.7)	(6.5 - 8.5)	(24.0 - 29.1)	(12.7 - 15.0)	
Age-adjusted percentage	8.9	8.7	7.4	26.1	13.7	
95% C.I.	(7.9 - 10.0)	(7.8 - 9.7)	(6.4 - 8.4)	(23.6 - 28.7)	(12.6 - 14.9)	
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-5/ SUPPLEMENT 1

**Percent of men who consume daily 2+ servings of fruits
Hawaii, 2001-2006**

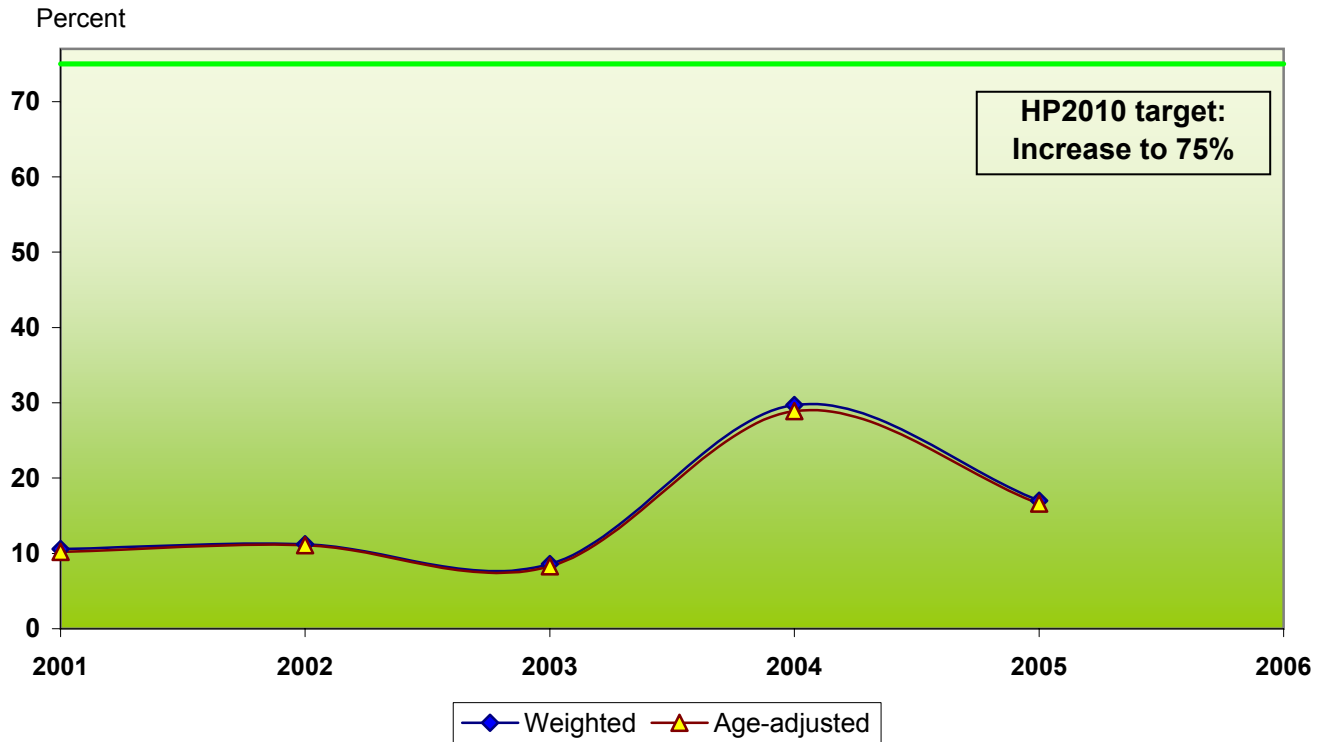


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1937	2605	1761	814	2534	N/A
Consume daily 2+ servings of fruits	150	159	100	195	270	
Weight percentage	7.4	6.1	6.3	23.1	10.6	
95% C.I.	(6.0 - 9.0)	(5.0 - 7.5)	(5.0 - 7.9)	(19.5 - 27.2)	(8.9 - 12.4)	
Age-adjusted percentage	7.4	6.2	6.3	23.1	10.7	
95% C.I.	(6.1 - 9.0)	(5.0 - 7.6)	(5.0 - 7.9)	(19.5 - 27.1)	(9.0 - 12.6)	
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-5/ SUPPLEMENT 2

**Percent of women who consume daily 2+ servings of fruits
Hawaii, 2001-2006**

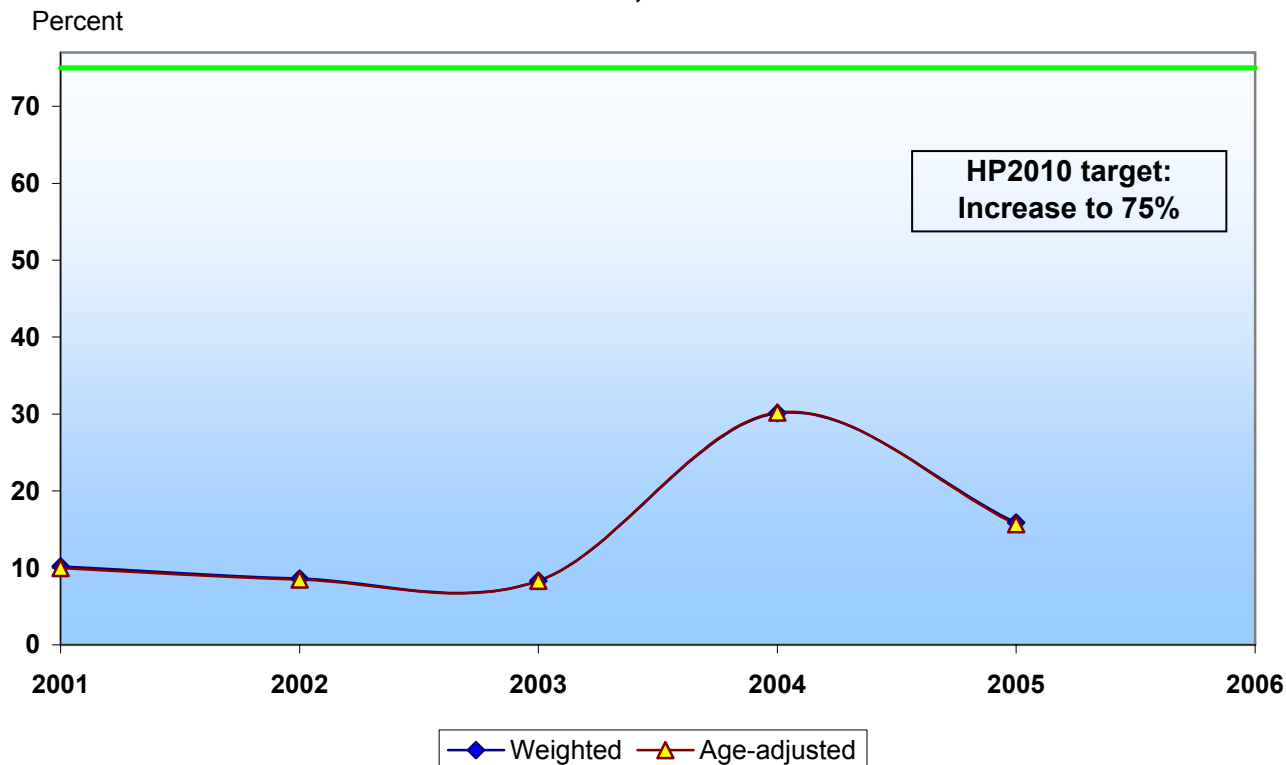


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2563	3395	2578	1294	3766	N/A
Consume daily 2+ servings of fruits	299	386	232	415	657	
Weight percentage	10.6	11.2	8.6	29.7	17.0	
95% C.I.	(9.2 - 12.1)	(9.9 - 12.7)	(7.4 - 10.0)	(26.3 - 33.2)	(15.5 - 18.6)	
Age-adjusted percentage	10.2	11.1	8.3	28.9	16.6	
95% C.I.	(8.9 - 11.8)	(9.8 - 12.6)	(7.1 - 9.7)	(25.7 - 32.5)	(15.1 - 18.2)	
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-5/ SUPPLEMENT 3

**Percent of White adults who consume daily 2+ servings of fruits
Hawaii, 2001-2006**

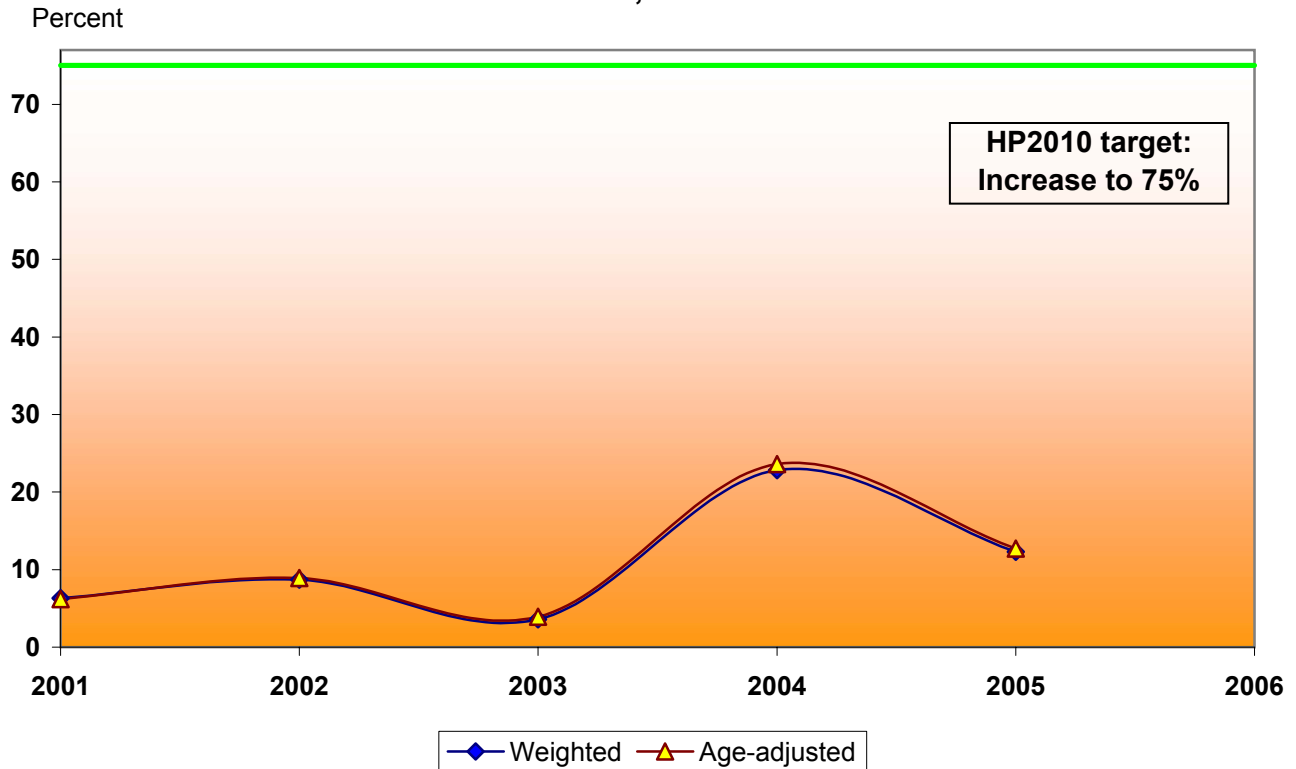


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1857	2481	1666	835	2662	N/A
Consume daily 2+ servings of fruits	209	251	145	262	439	
Weight percentage	10.2	8.6	8.3	30.1	15.9	
95% C.I.	(8.5 - 12.1)	(7.4 - 9.9)	(6.8 - 10.0)	(26.1 - 34.5)	(14.1 - 18.0)	
Age-adjusted percentage	10.0	8.5	8.3	30.2	15.7	
95% C.I.	(8.4 - 11.8)	(7.4 - 9.9)	(6.8 - 10.0)	(26.0 - 34.7)	(13.8 - 17.8)	
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-5/ SUPPLEMENT 4

**Percent of Hawaiians who consume daily 2+ servings of fruits
Hawaii, 2001-2006**

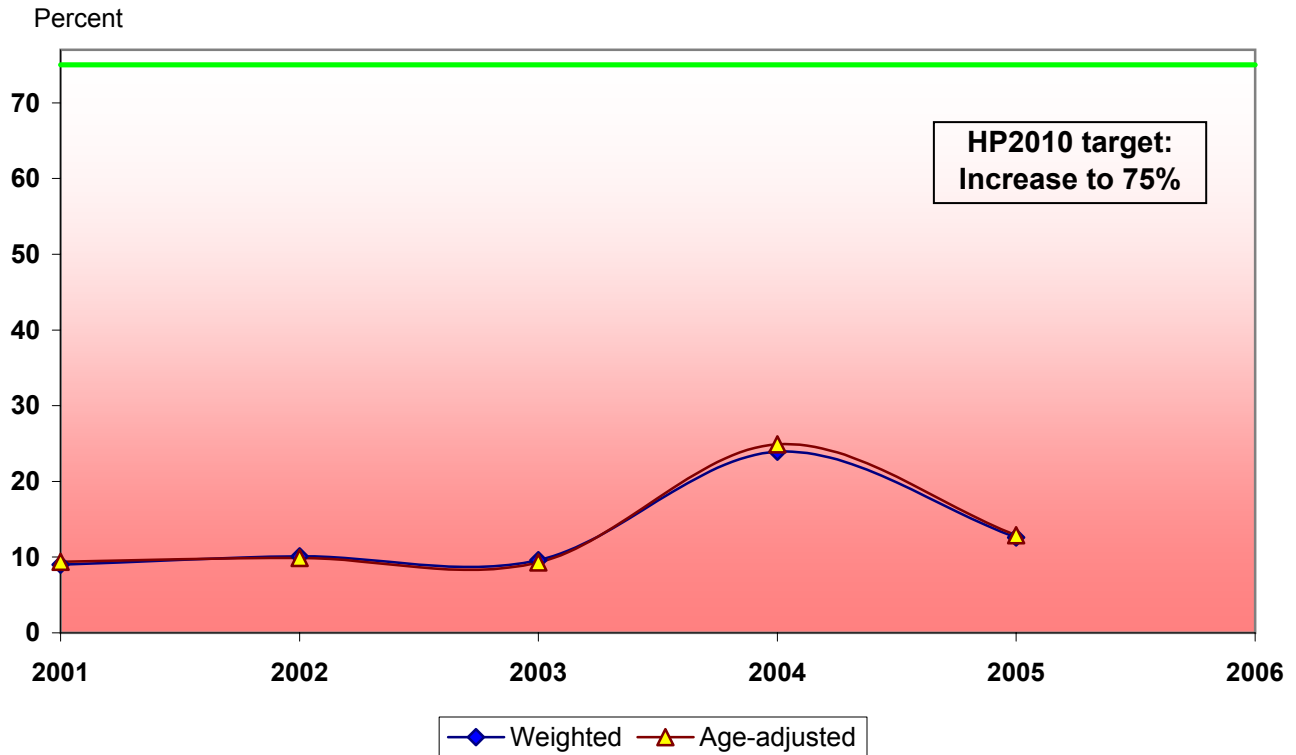


YEAR	2001	2002	2003	2004	2005	2006
Sample size	585	771	612	349	769	N/A
Consume daily 2+ servings of fruits	45	66	25	90	95	
Weight percentage	6.3	8.7	3.6	22.8	12.3	
95% C.I.	(4.3 - 9.1)	(6.4 - 11.7)	(2.2 - 5.8)	(17.5 - 29.3)	(9.6 - 15.7)	
Age-adjusted percentage	6.2	8.9	3.9	23.6	12.7	
95% C.I.	(4.3 - 8.7)	(6.5 - 12.0)	(2.4 - 6.3)	(18.1 - 30.2)	(10.0 - 16.0)	
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-5/ SUPPLEMENT 5

**Percent of Filipinos who consume daily 2+ servings of fruits
Hawaii, 2001-2006**

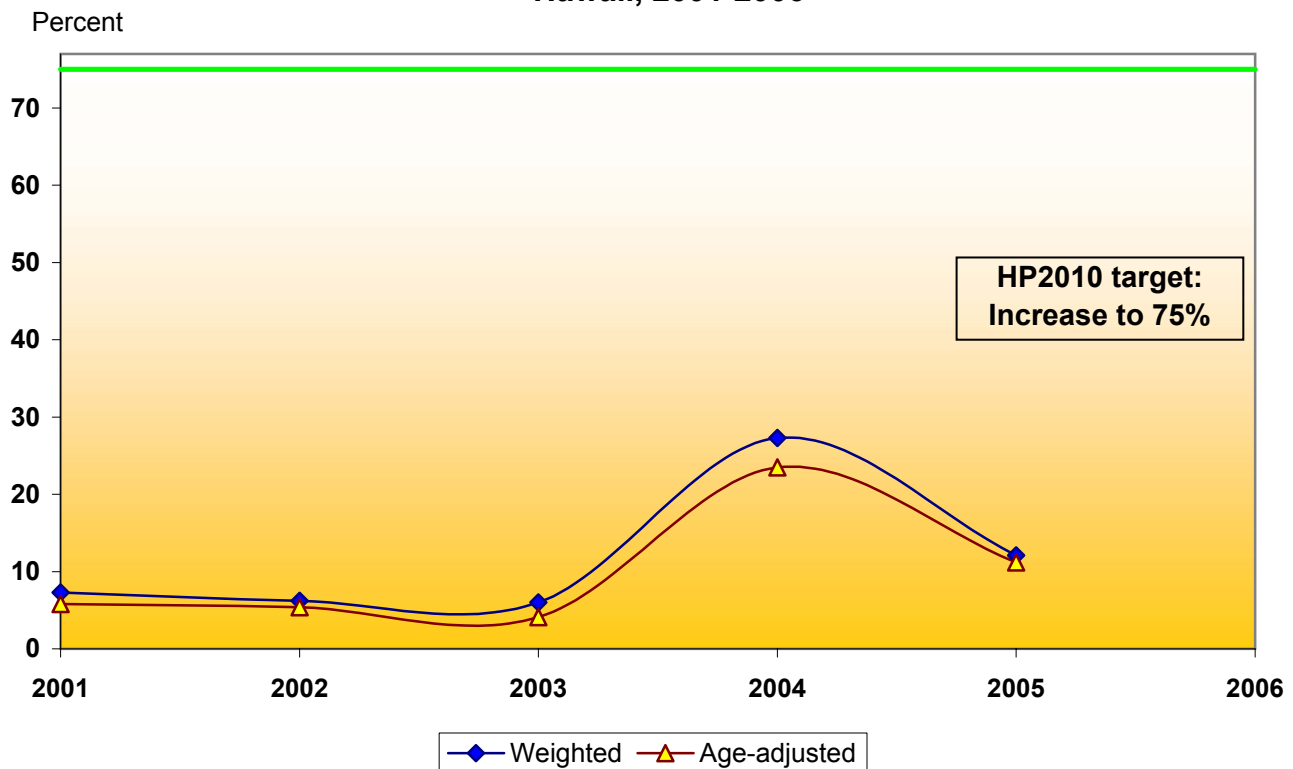


YEAR	2001	2002	2003	2004	2005	2006
Sample size	548	775	504	262	782	N/A
Consume daily 2+ servings of fruits	55	68	39	69	101	
Weight percentage	9.0	10.1	9.6	23.9	12.6	
95% C.I.	(6.3 - 12.7)	(7.5 - 13.4)	(6.6 - 13.9)	(17.1 - 32.3)	(9.5 - 16.5)	
Age-adjusted percentage	9.4	9.9	9.3	24.9	12.9	
95% C.I.	(6.7 - 13.2)	(7.3 - 13.2)	(6.5 - 13.2)	(18.0 - 33.4)	(9.8 - 16.8)	
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-5/ SUPPLEMENT 6

**Percent of Japanese who consume daily 2+ servings of fruits
Hawaii, 2001-2006**

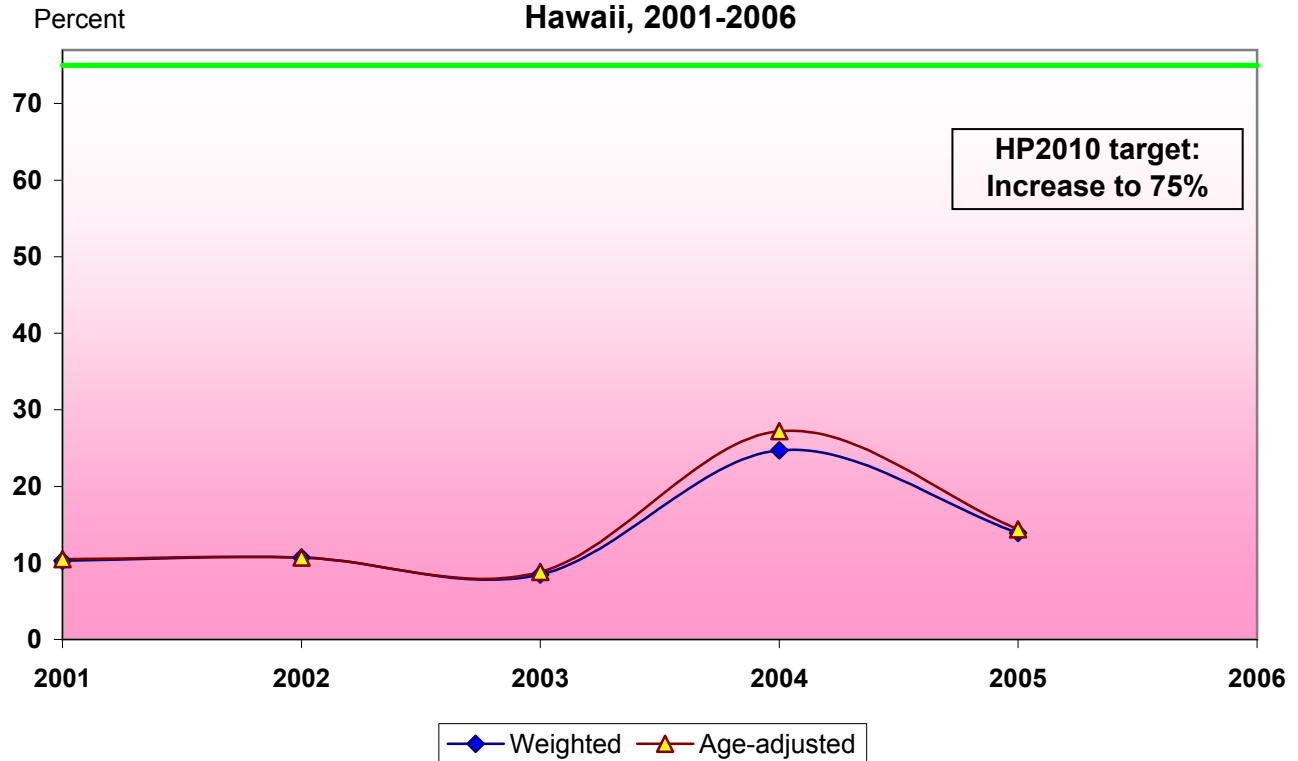


YEAR	2001	2002	2003	2004	2005	2006
Sample size	871	1168	781	420	1265	N/A
Consume daily 2+ servings of fruits	69	82	54	118	173	
Weight percentage	7.3	6.2	6.0	27.3	12.1	
95% C.I.	(5.4 - 9.8)	(4.8 - 8.0)	(4.4 - 8.2)	(22.1 - 33.2)	(10.0 - 14.6)	
Age-adjusted percentage	5.8	5.4	4.1	23.5	11.2	
95% C.I.	(4.2 - 7.8)	(4.1 - 7.3)	(2.9 - 5.6)	(18.0 - 30.1)	(8.8 - 14.2)	
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-5/ SUPPLEMENT 7

**Percent of adults of other races
who consume daily 2+ servings of fruits
Hawaii, 2001-2006**

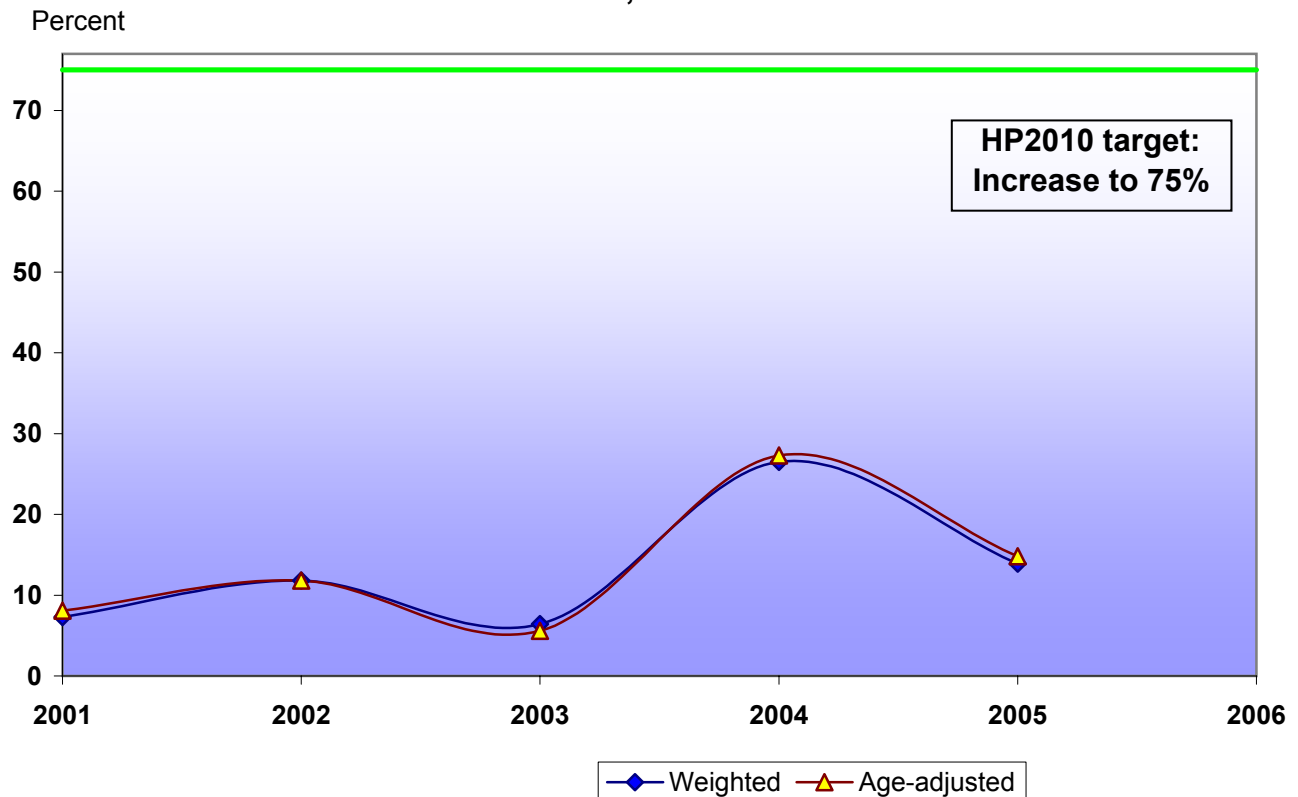


YEAR	2001	2002	2003	2004	2005	2006
Sample size	639	805	776	242	822	N/A
Consume daily 2+ servings of fruits	71	78	69	71	119	
Weight percentage	10.3	10.7	8.5	24.7	13.9	
95% C.I.	(7.9 - 13.4)	(7.9 - 14.2)	(6.4 - 11.1)	(18.7 - 31.9)	(11.3 - 17.0)	
Age-adjusted percentage	10.5	10.7	8.8	27.2	14.4	
95% C.I.	(8.1 - 13.6)	(8.1 - 14.0)	(6.8 - 11.5)	(21.2 - 34.2)	(11.7 - 17.5)	
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-5/ SUPPLEMENT 8

**Percent of adults , in low income households,
who consume daily 2+ servings of fruits
Hawaii, 2001-2006**

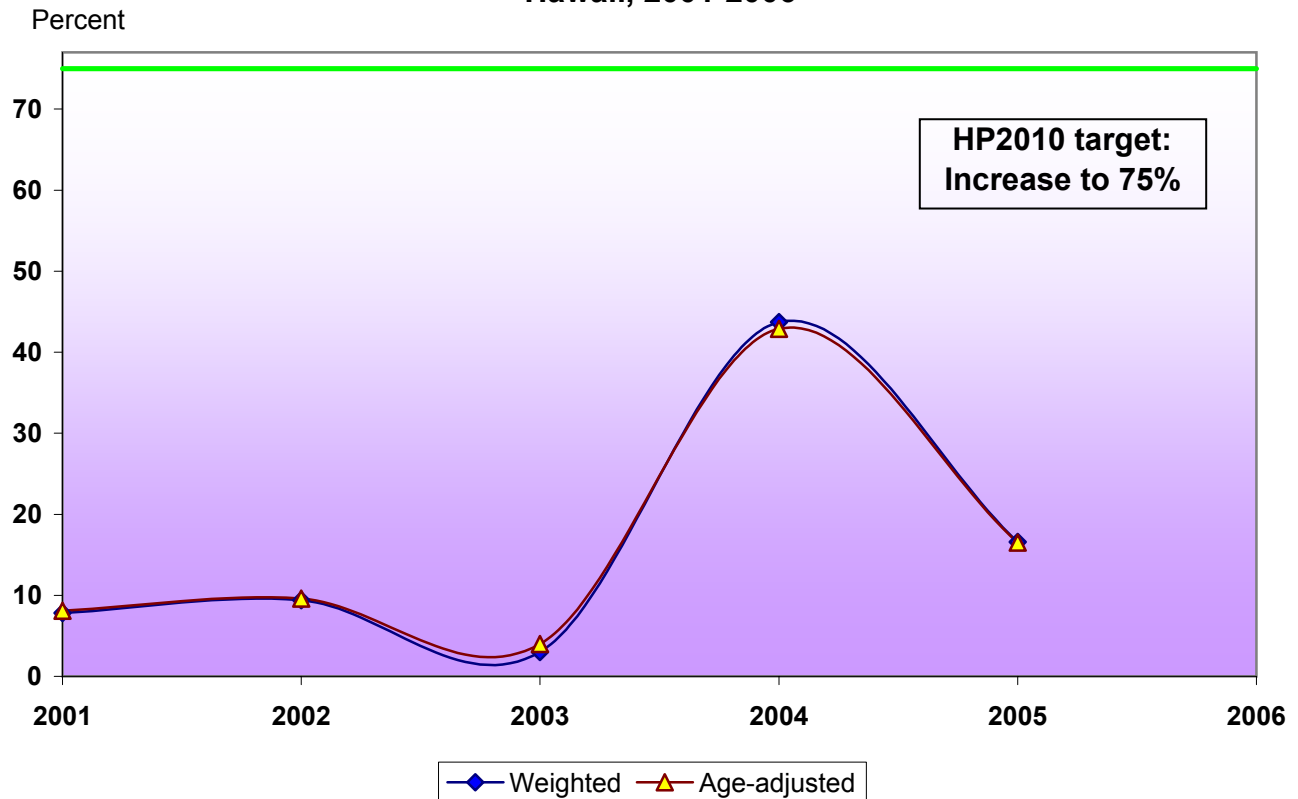


YEAR	2001	2002	2003	2004	2005	2006
Sample size	404	492	461	157	467	N/A
Consume daily 2+ servings of fruits	45	59	27	44	73	
Weight percentage	7.3	11.8	6.4	26.5	13.9	
95% C.I.	(4.9 - 10.7)	(8.4 - 16.2)	(3.8 - 10.7)	(17.7 - 37.7)	(9.8 - 19.5)	
Age-adjusted percentage	8.1	11.8	5.6	27.3	14.8	
95% C.I.	(5.3 - 12.1)	(8.5 - 16.1)	(3.5 - 8.8)	(18.1 - 38.8)	(10.4 - 20.7)	
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-5/ SUPPLEMENT 9

**Percent of adults, with less education,
who consume daily 2+ servings of fruits
Hawaii, 2001-2006**

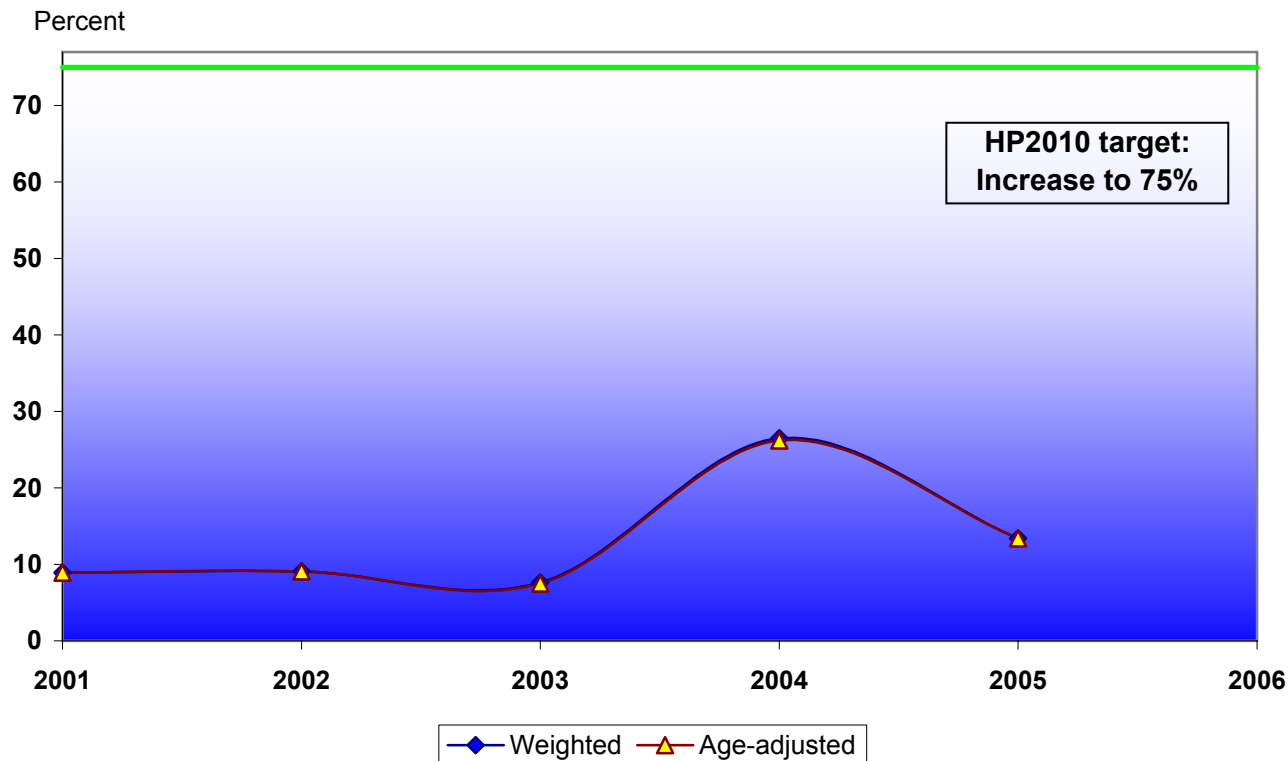


YEAR	2001	2002	2003	2004	2005	2006
Sample size	284	376	239	114	354	N/A
Consume daily 2+ servings of fruits	33	41	10	48	55	
Weight percentage	7.8	9.4	3.0	43.7	16.6	
95% C.I.	(5.0 - 12.0)	(6.2 - 14.1)	(1.5 - 5.9)	(29.1 - 59.5)	(11.5 - 23.6)	
Age-adjusted percentage	8.1	9.6	4.0	42.9	16.5	
95% C.I.	(4.5 - 14.3)	(6.1 - 15.0)	(1.9 - 8.3)	(28.1 - 59.1)	(10.2 - 25.6)	
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-5/ SUPPLEMENT 10

**Percent of adults who consume daily 2+ servings of fruits
Honolulu county, Hawaii, 2001-2006**

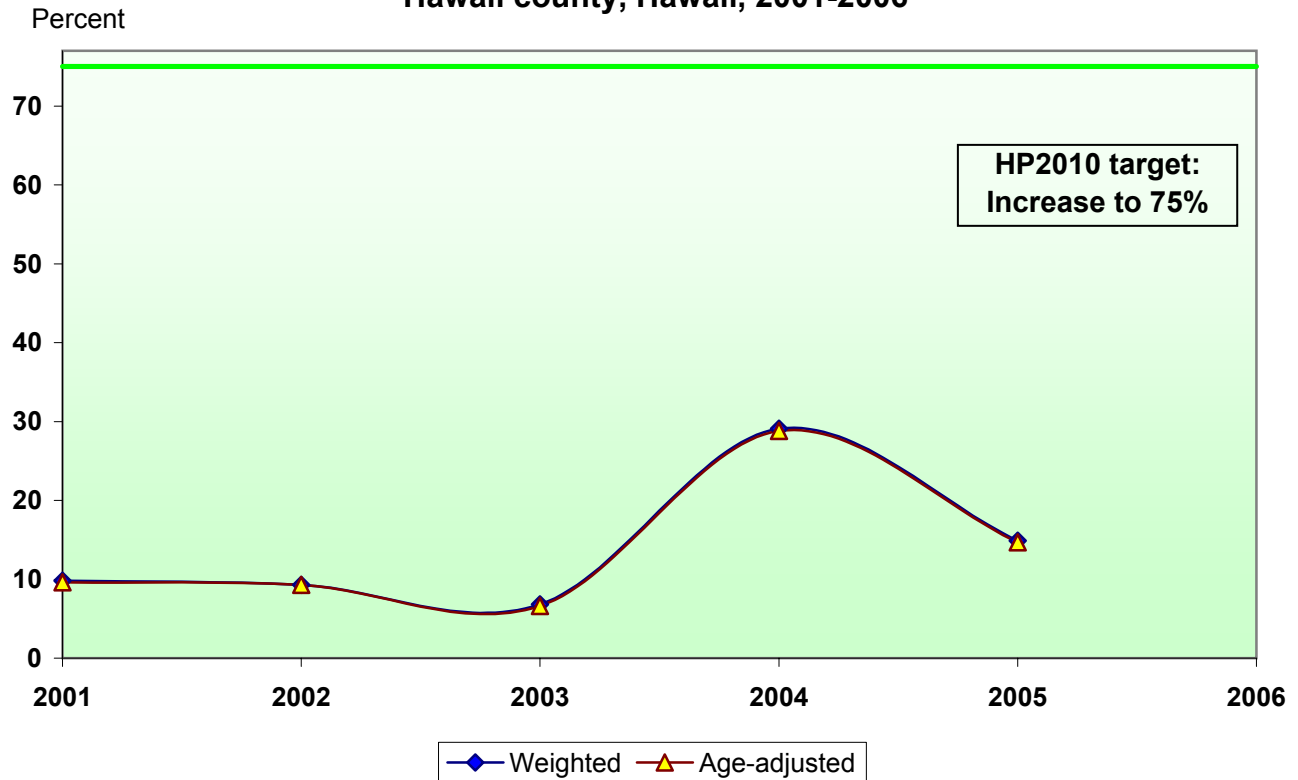


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1920	2812	2246	893	2914	N/A
Consume daily 2+ servings of fruits	206	271	186	257	412	
Weight percentage	8.9	9.1	7.6	26.5	13.4	
95% C.I.	(7.6 - 10.3)	(7.9 - 10.4)	(6.4 - 8.9)	(23.2 - 30.0)	(12.0 - 15.0)	
Age-adjusted percentage	8.9	9.1	7.5	26.2	13.4	
95% C.I.	(7.6 - 10.3)	(7.9 - 10.4)	(6.3 - 8.8)	(23.0 - 29.6)	(11.9 - 14.9)	
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-5/ SUPPLEMENT 11

**Percent of adults who consume daily 2+ servings of fruits
Hawaii county, Hawaii, 2001-2006**

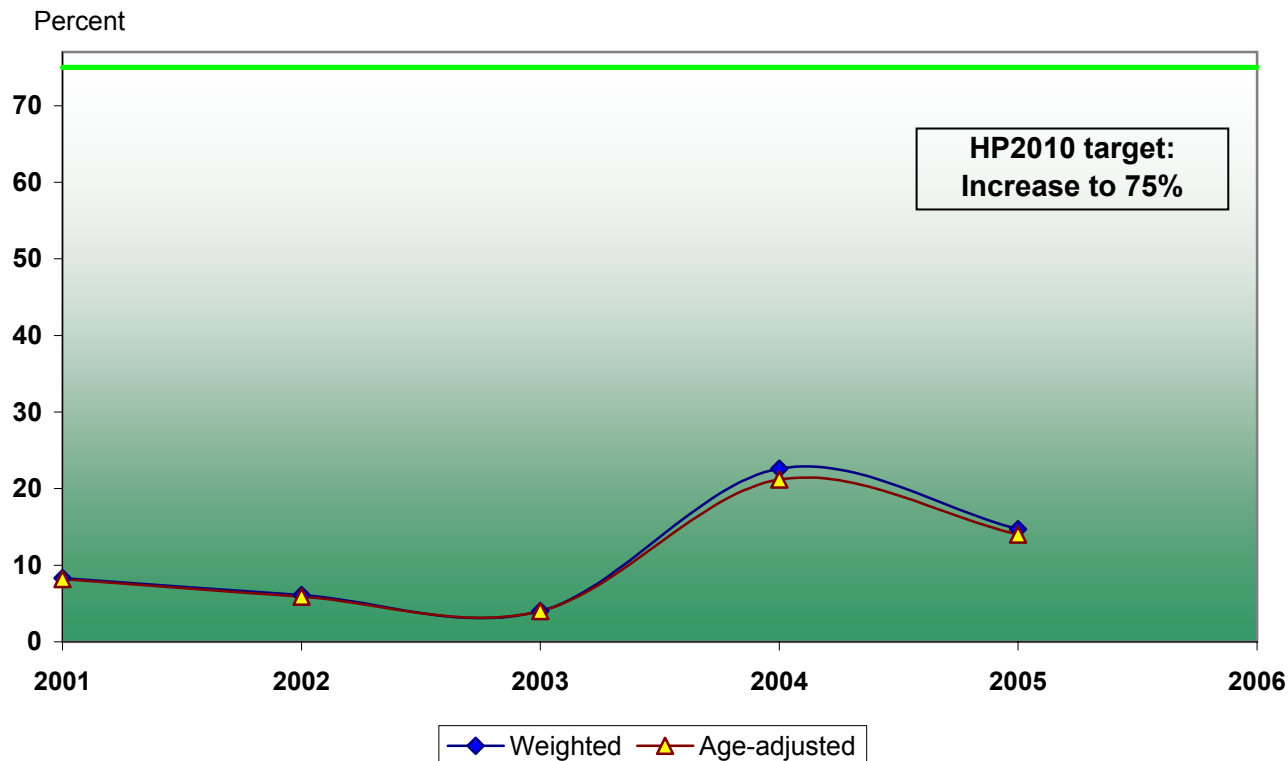


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1020	1379	972	543	1631	N/A
Consume daily 2+ servings of fruits	107	141	73	174	246	
Weight percentage	9.8	9.3	6.8	29.1	14.9	
95% C.I.	(7.9 - 12.0)	(7.7 - 11.2)	(5.2 - 8.8)	(24.7 - 33.9)	(12.7 - 17.3)	
Age-adjusted percentage	9.6	9.3	6.6	28.8	14.7	
95% C.I.	(7.8 - 11.9)	(7.6 - 11.3)	(5.0 - 8.8)	(24.3 - 33.8)	(12.5 - 17.2)	
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-5/ SUPPLEMENT 12

**Percent of adults who consume daily 2+ servings of fruits
Kauai county, Hawaii, 2001-2006**

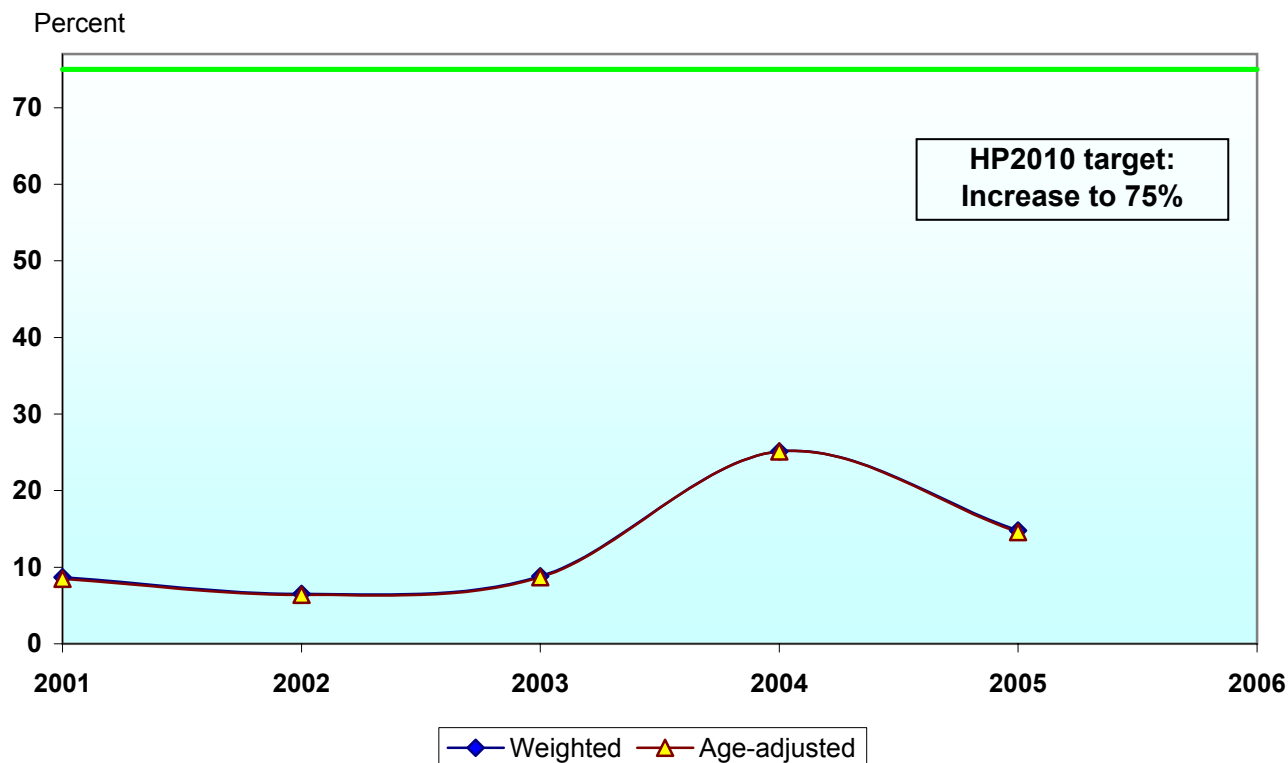


YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	601	421	277	573	N/A
Consume daily 2+ servings of fruits	46	46	18	67	87	
Weight percentage	8.3	6.1	4.0	22.6	14.7	
95% C.I.	(6.0 - 11.3)	(4.4 - 8.4)	(2.4 - 6.6)	(17.6 - 28.5)	(11.6 - 18.4)	
Age-adjusted percentage	8.2	5.9	4.0	21.2	14.0	
95% C.I.	(5.9 - 11.2)	(4.2 - 8.3)	(2.4 - 6.8)	(16.6 - 26.6)	(10.9 - 17.7)	
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-5/ SUPPLEMENT 13

**Percent of adults who consume daily 2+ servings of fruits
Maui county, Hawaii, 2001-2006**

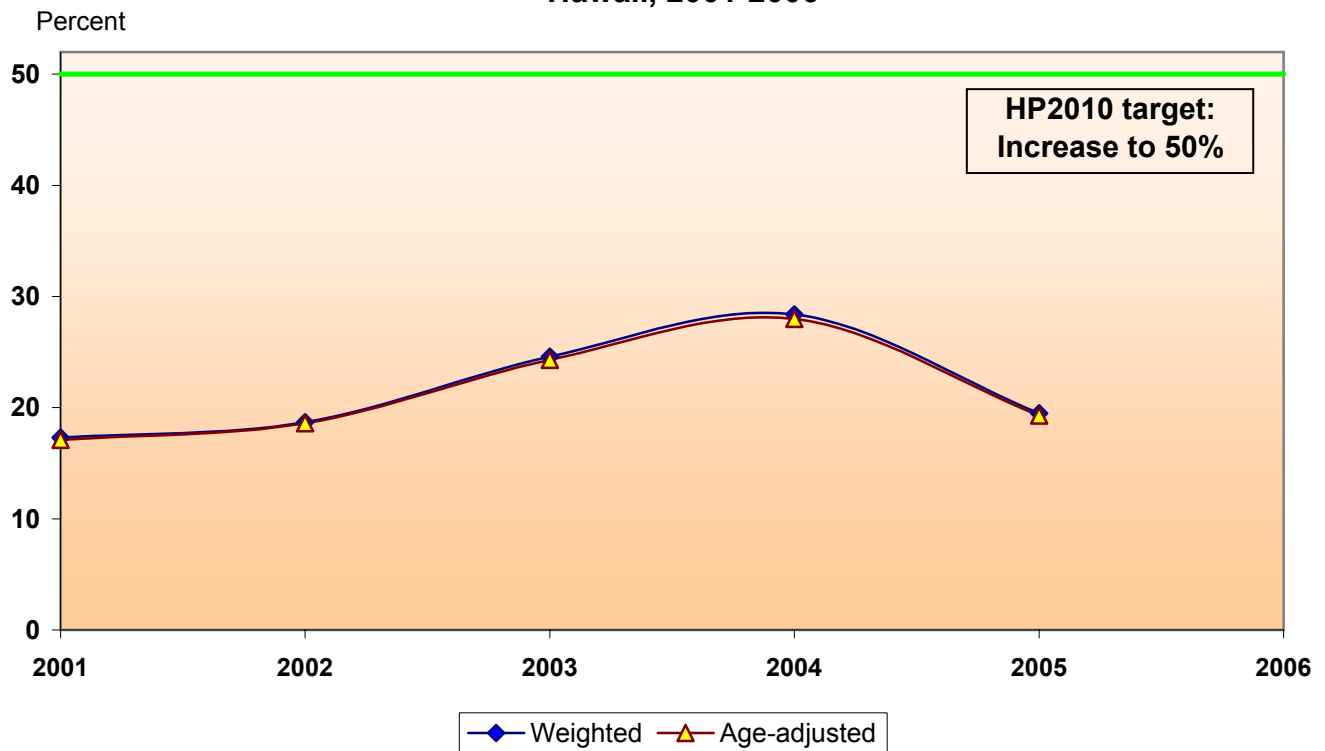


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1011	1208	700	395	1182	N/A
Consume daily 2+ servings of fruits	90	87	55	112	182	
Weight percentage	8.7	6.5	8.8	25.1	14.8	
95% C.I.	(6.8 - 11.1)	(5.1 - 8.2)	(6.3 - 12.1)	(20.1 - 30.9)	(12.4 - 17.6)	
Age-adjusted percentage	8.5	6.4	8.7	25.1	14.6	
95% C.I.	(6.7 - 10.9)	(5.0 - 8.2)	(6.2 - 12.1)	(20.5 - 30.3)	(12.2 - 17.4)	
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-6

**Percent of adults who consume daily 3+ servings of vegetables
with 1/3 being green or orange
Hawaii, 2001-2006**

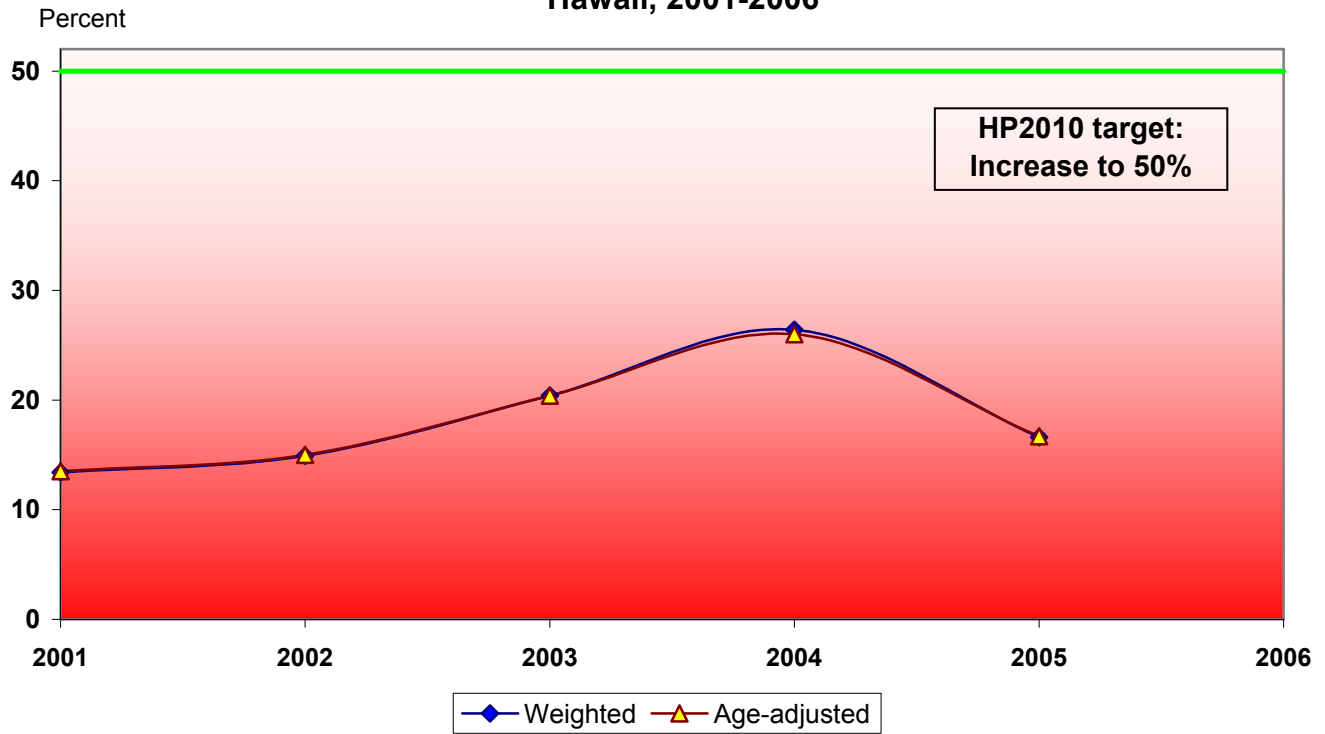


YEAR	2001	2002	2003	2004	2005	2006
Sample size	4479	5984	4323	2095	6246	N/A
Consume daily 3+ servings of vegetables	872	1162	1145	644	1352	
Weight percentage	17.3	18.7	24.6	28.4	19.5	
95% C.I.	(15.9 - 18.9)	(17.3 - 20.0)	(23.0 - 26.2)	(25.9 - 31.1)	(18.2 - 20.9)	
Age-adjusted percentage	17.1	18.6	24.3	28.0	19.3	
95% C.I.	(15.7 - 18.7)	(17.3 - 19.9)	(22.8 - 26.0)	(25.5 - 30.6)	(18.0 - 20.7)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-6/ SUPPLEMENT 1

**Percent of men who consume daily 3+ servings of vegetables
with 1/3 being green or orange
Hawaii, 2001-2006**

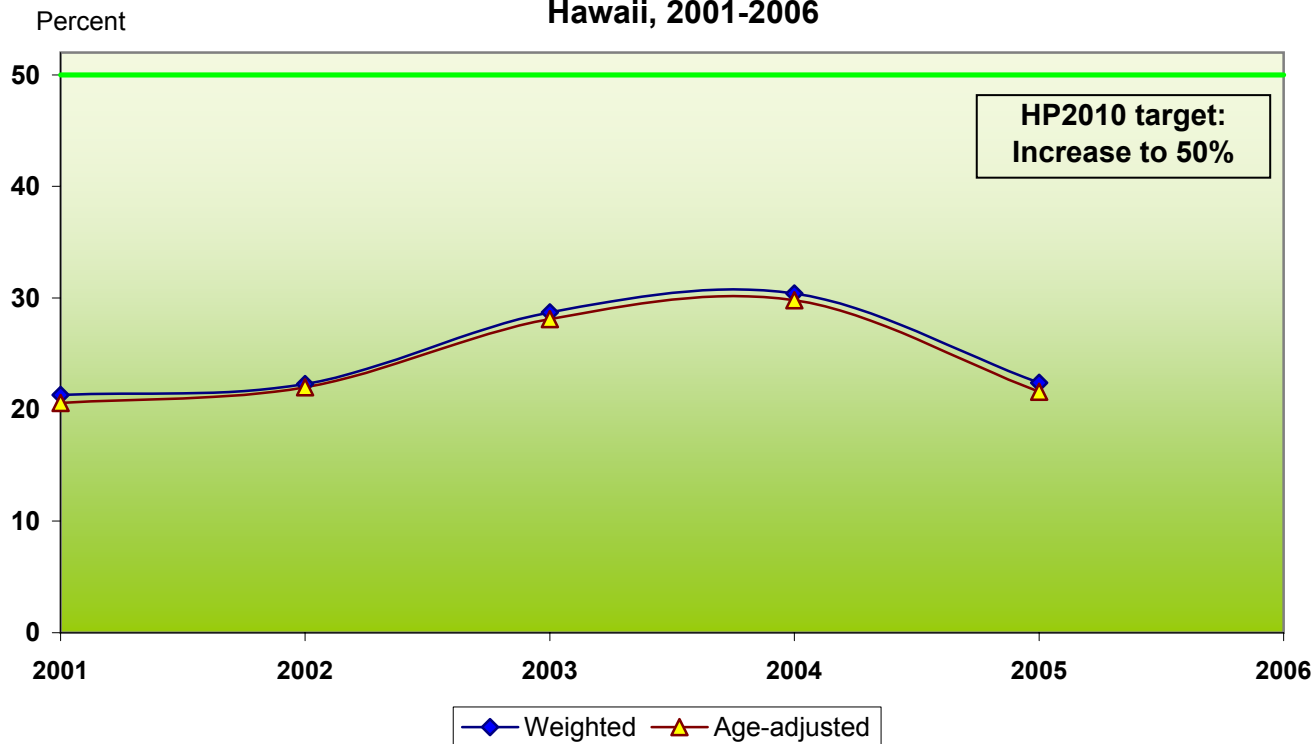


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1921	2594	1752	811	2513	N/A
Consume daily 3+ servings of vegetables	297	380	367	232	445	
Weight percentage	13.4	14.9	20.4	26.4	16.6	
95% C.I.	(11.6 - 15.5)	(13.2 - 16.9)	(18.2 - 22.9)	(22.7 - 30.5)	(14.7 - 18.7)	
Age-adjusted percentage	13.5	15.0	20.4	26.0	16.7	
95% C.I.	(11.7 - 15.5)	(13.2 - 16.9)	(18.1 - 22.8)	(22.5 - 30.0)	(14.8 - 18.9)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-6/ SUPPLEMENT 2

**Percent of women who consume daily 3+ servings of vegetables
with 1/3 being green or orange
Hawaii, 2001-2006**

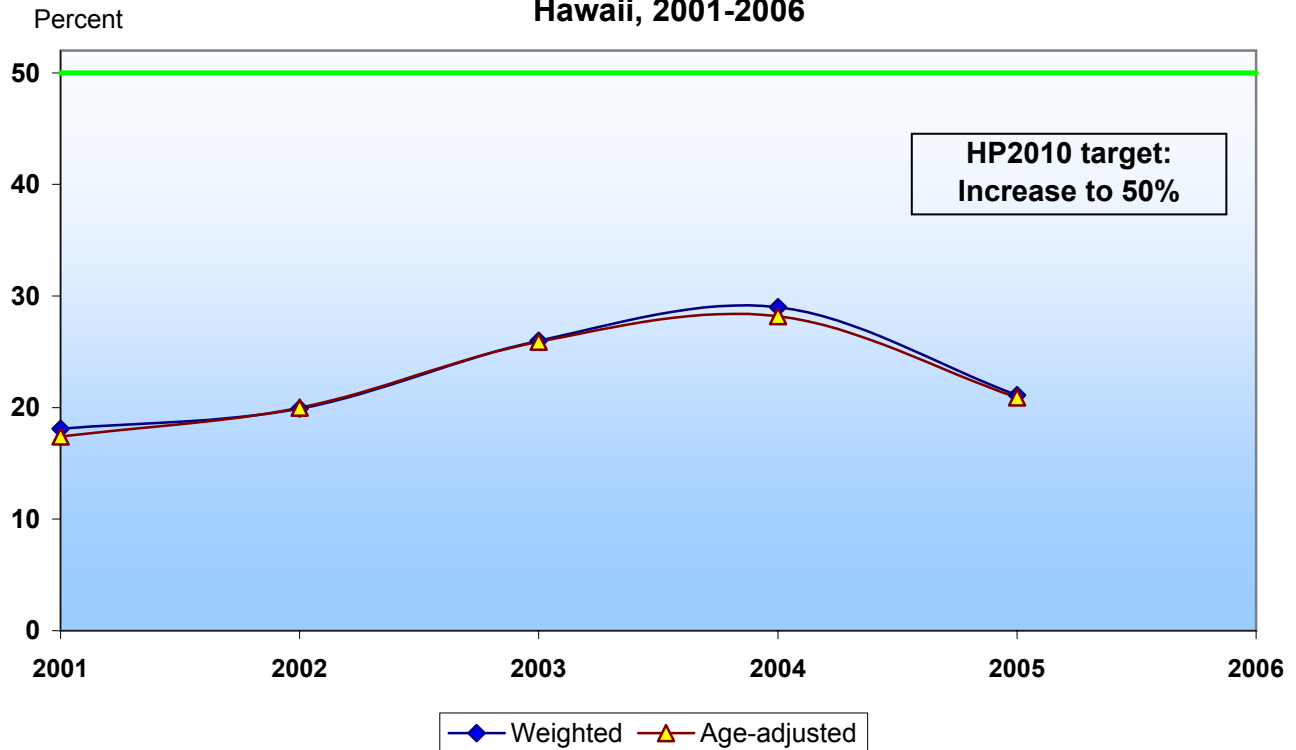


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2558	3390	2571	1284	3733	N/A
Consume daily 3+ servings of vegetables	575	782	778	412	907	
Weight percentage	21.3	22.3	28.7	30.4	22.4	
95% C.I.	(19.0 - 23.7)	(20.5 - 24.3)	(26.7 - 30.9)	(27.0 - 34.0)	(20.7 - 24.2)	
Age-adjusted percentage	20.6	22.0	28.1	29.8	21.6	
95% C.I.	(18.5 - 23.0)	(20.1 - 23.9)	(26.0 - 30.3)	(26.5 - 33.3)	(19.9 - 23.4)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-6/ SUPPLEMENT 3

**Percent of White adults who consume daily 3+ servings of vegetables with 1/3 being green or orange
Hawaii, 2001-2006**

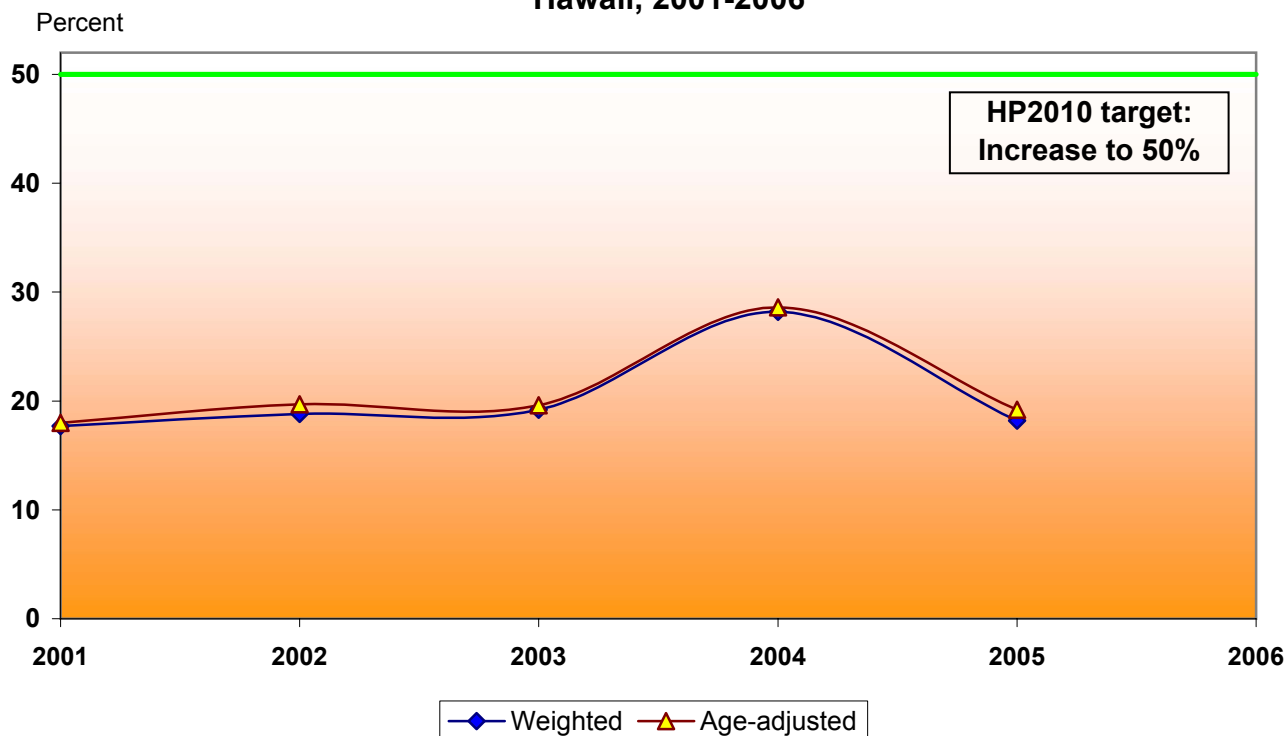


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1851	2474	1663	831	2642	N/A
Consume daily 3+ servings of vegetables	375	510	455	259	612	
Weight percentage	18.1	19.9	26.0	29.0	21.1	
95% C.I.	(15.9 - 20.5)	(17.7 - 22.2)	(23.5 - 28.7)	(25.1 - 33.2)	(19.0 - 23.3)	
Age-adjusted percentage	17.4	20.0	25.9	28.2	20.9	
95% C.I.	(15.4 - 19.7)	(17.8 - 22.3)	(23.4 - 28.7)	(24.3 - 32.5)	(18.7 - 23.3)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-6/ SUPPLEMENT 4

**Percent of Hawaiians who consume daily 3+ servings of vegetables with 1/3 being green or orange
Hawaii, 2001-2006**

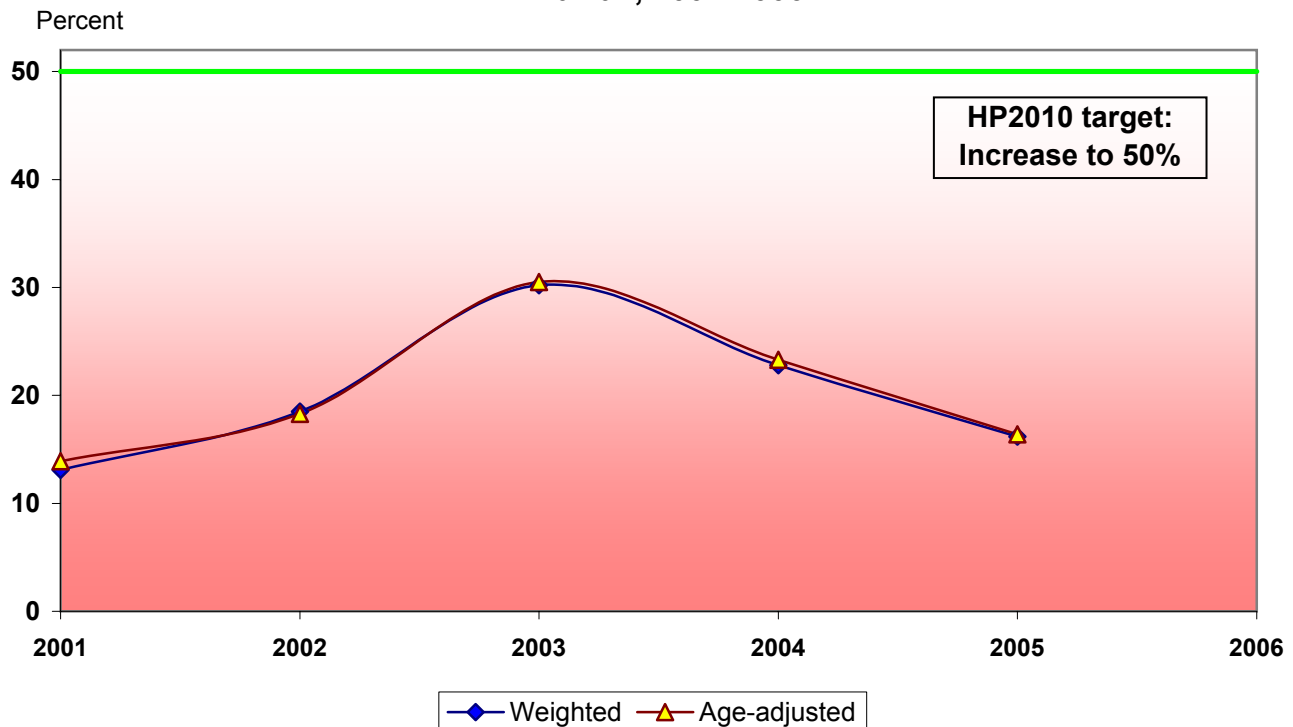


YEAR	2001	2002	2003	2004	2005	2006
Sample size	583	770	608	346	764	N/A
Consume daily 3+ servings of vegetables	125	137	135	107	162	
Weight percentage	17.7	18.8	19.2	28.2	18.2	
95% C.I.	(14.1 - 22.0)	(15.2 - 23.2)	(15.7 - 23.2)	(22.2 - 35.1)	(14.9 - 22.0)	
Age-adjusted percentage	18.0	19.7	19.6	28.6	19.2	
95% C.I.	(14.4 - 22.3)	(15.9 - 24.1)	(16.1 - 23.6)	(22.4 - 35.6)	(15.8 - 23.0)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-6/ SUPPLEMENT 5

**Percent of Filipinos who consume daily 3+ servings of vegetables
with 1/3 being green or orange
Hawaii, 2001-2006**

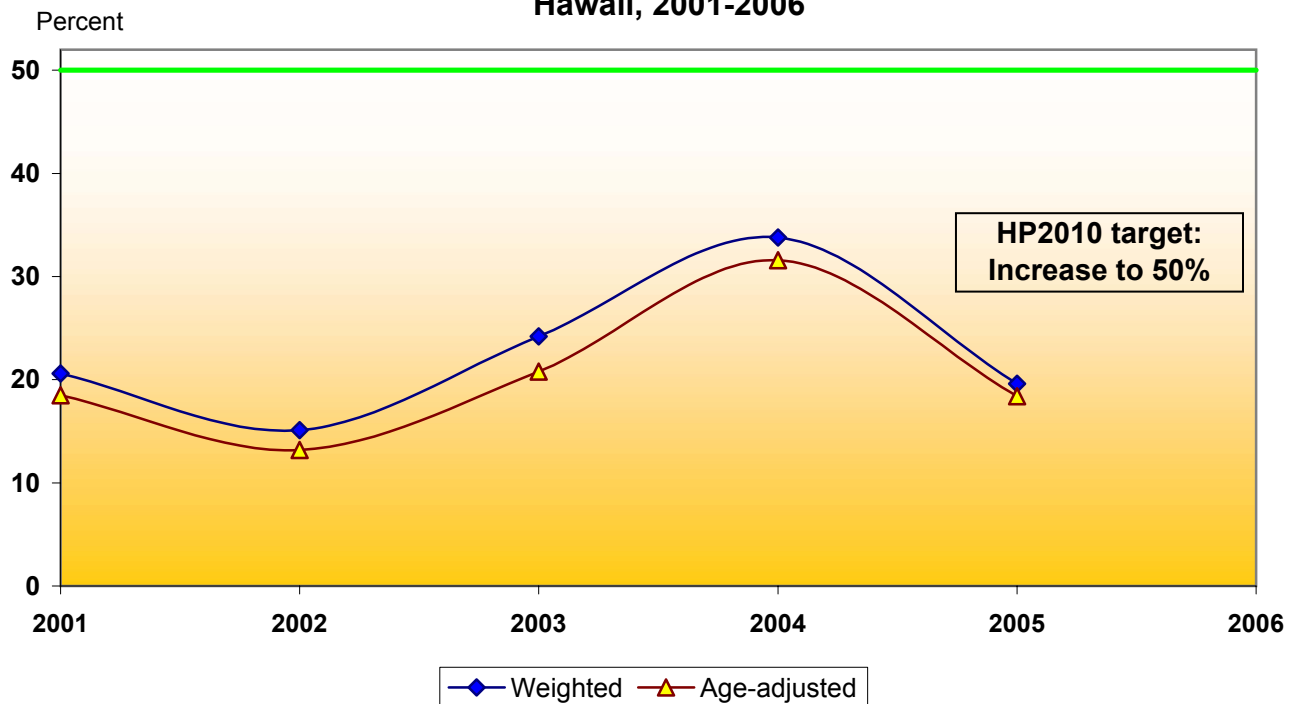


YEAR	2001	2002	2003	2004	2005	2006
Sample size	545	772	502	259	774	N/A
Consume daily 3+ servings of vegetables	81	143	147	62	134	
Weight percentage	13.1	18.5	30.2	22.8	16.2	
95% C.I.	(8.9 - 18.8)	(15.0 - 22.4)	(25.3 - 35.5)	(16.4 - 30.7)	(12.4 - 20.8)	
Age-adjusted percentage	13.9	18.3	30.5	23.3	16.4	
95% C.I.	(9.8 - 19.3)	(14.9 - 22.3)	(25.7 - 35.8)	(16.8 - 31.4)	(12.8 - 20.9)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-6/ SUPPLEMENT 6

Percent of Japanese who consume daily 3+ servings of vegetables with 1/3 being green or orange Hawaii, 2001-2006

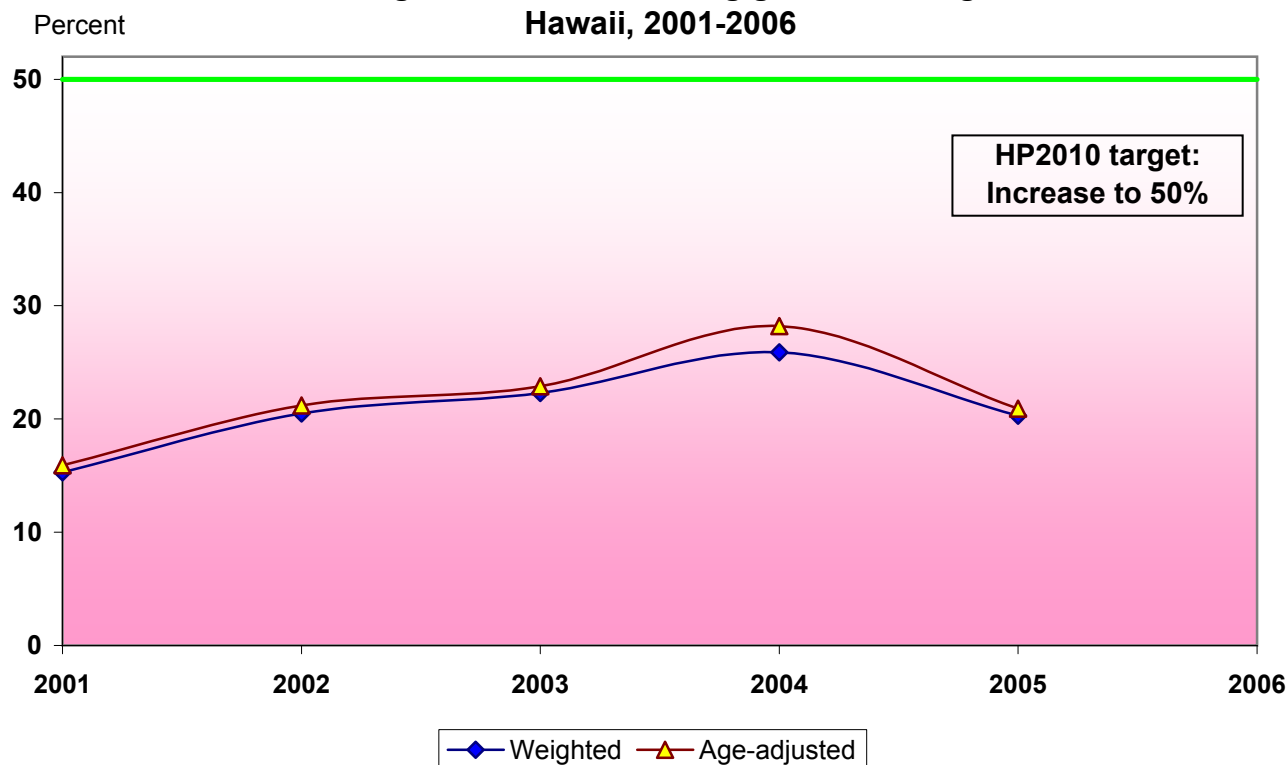


YEAR	2001	2002	2003	2004	2005	2006
Sample size	867	1166	777	419	1256	N/A
Consume daily 3+ servings of vegetables	181	206	223	142	268	
Weight percentage	20.6	15.1	24.2	33.8	19.6	
95% C.I.	(17.1 - 24.6)	(12.9 - 17.7)	(20.9 - 27.9)	(28.2 - 39.9)	(17.0 - 22.5)	
Age-adjusted percentage	18.5	13.2	20.8	31.6	18.4	
95% C.I.	(15.1 - 22.4)	(11.0 - 15.7)	(17.4 - 24.5)	(25.4 - 38.5)	(15.5 - 21.6)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-6/ SUPPLEMENT 7

Percent of adults of other races who consume daily 3+ servings of vegetables with 1/3 being green or orange

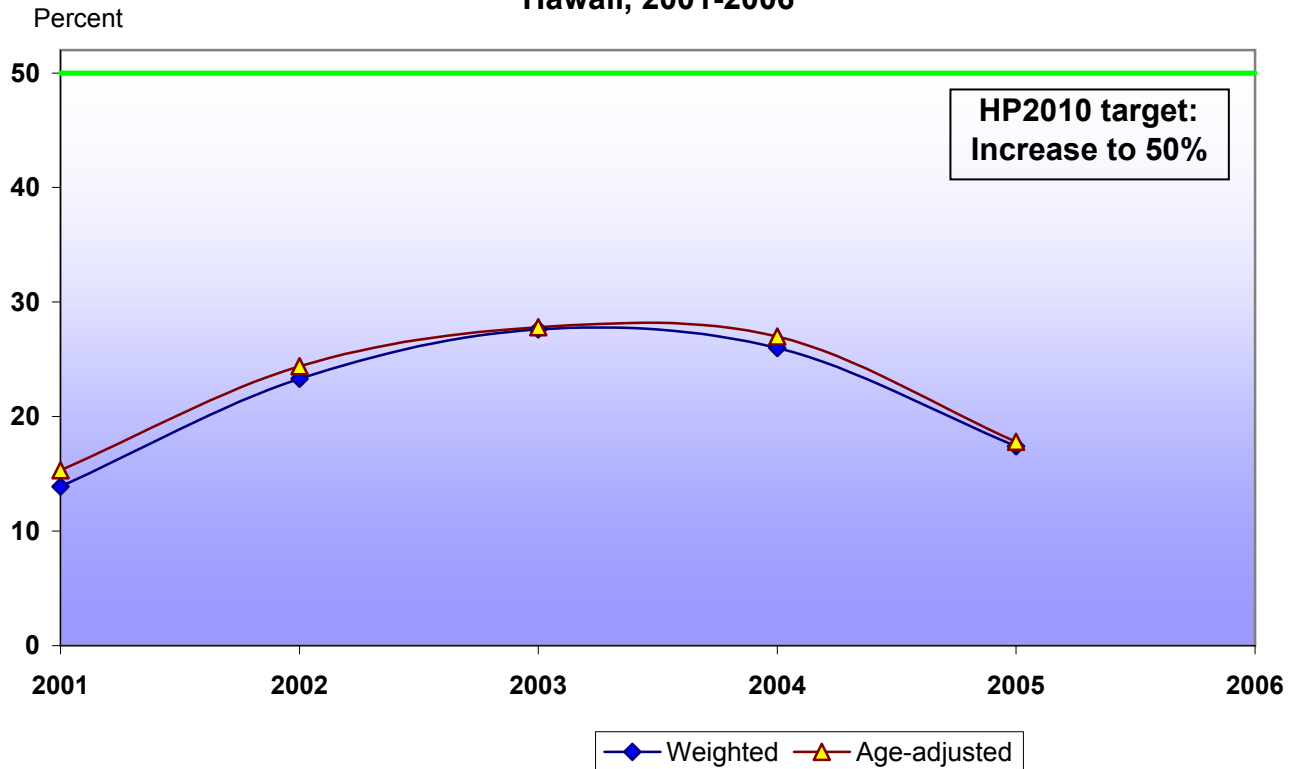


YEAR	2001	2002	2003	2004	2005	2006
Sample size	633	802	773	240	810	N/A
Consume daily 3+ servings of vegetables	110	166	185	74	176	
Weight percentage	15.3	20.5	22.3	25.9	20.3	
95% C.I.	(12.2 - 19.0)	(17.0 - 24.4)	(18.9 - 26.0)	(19.6 - 33.5)	(17.1 - 24.0)	
Age-adjusted percentage	15.9	21.2	22.9	28.2	20.9	
95% C.I.	(12.7 - 19.6)	(17.7 - 25.0)	(19.5 - 26.6)	(22.0 - 35.4)	(17.6 - 24.5)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-6/ SUPPLEMENT 8

**Percent of adults , in low income households,
who consume daily 3+ servings of vegetables
with 1/3 being green or orange
Hawaii, 2001-2006**

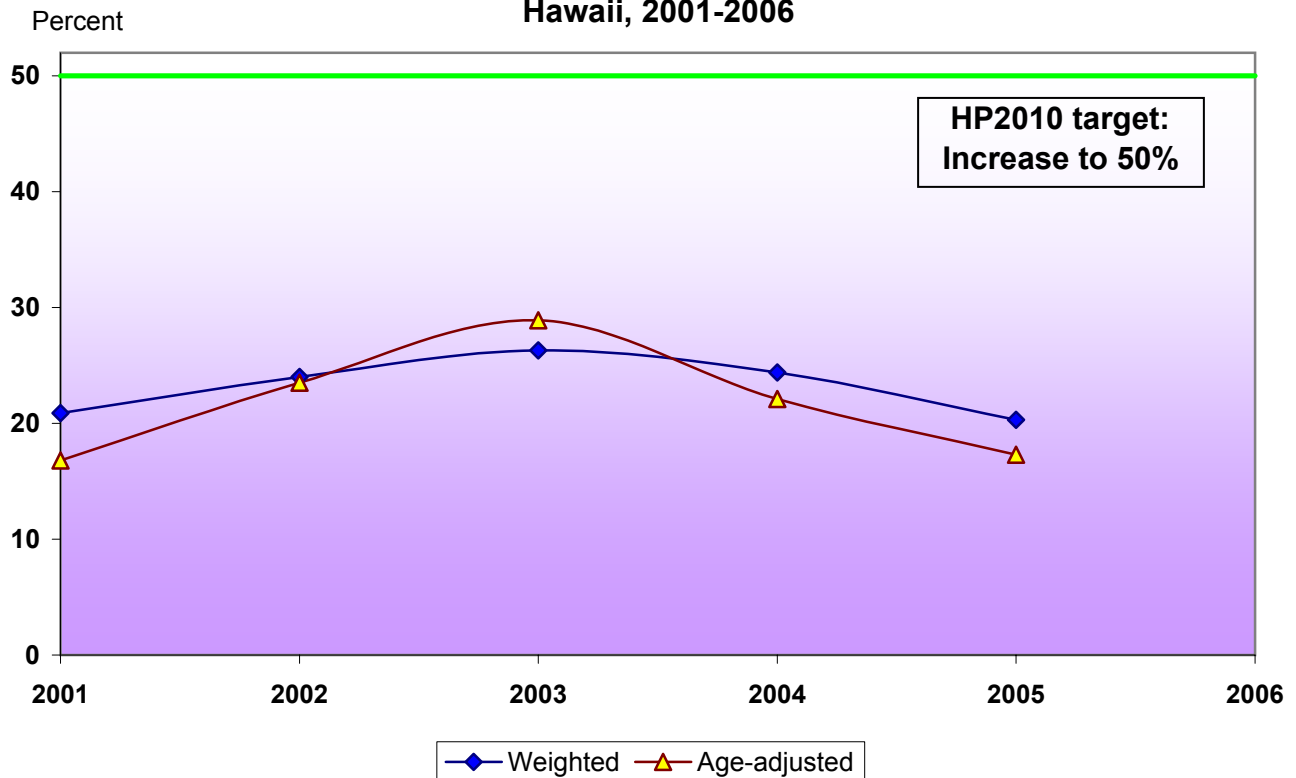


YEAR	2001	2002	2003	2004	2005	2006
Sample size	546	694	595	238	651	N/A
Consume daily 3+ servings of vegetables	98	157	165	72	124	
Weight percentage	13.9	23.3	27.6	26.0	17.4	
95% C.I.	(9.7 - 19.4)	(19.2 - 27.9)	(23.1 - 32.5)	(18.7 - 34.9)	(13.3 - 22.3)	
Age-adjusted percentage	15.3	24.4	27.8	27.0	17.8	
95% C.I.	(10.9 - 20.9)	(20.1 - 29.3)	(23.4 - 32.7)	(19.5 - 36.0)	(13.8 - 22.6)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-6/ SUPPLEMENT 9

**Percent of adults, with less education,
who consume daily 3+ servings of vegetables
with 1/3 being green or orange
Hawaii, 2001-2006**

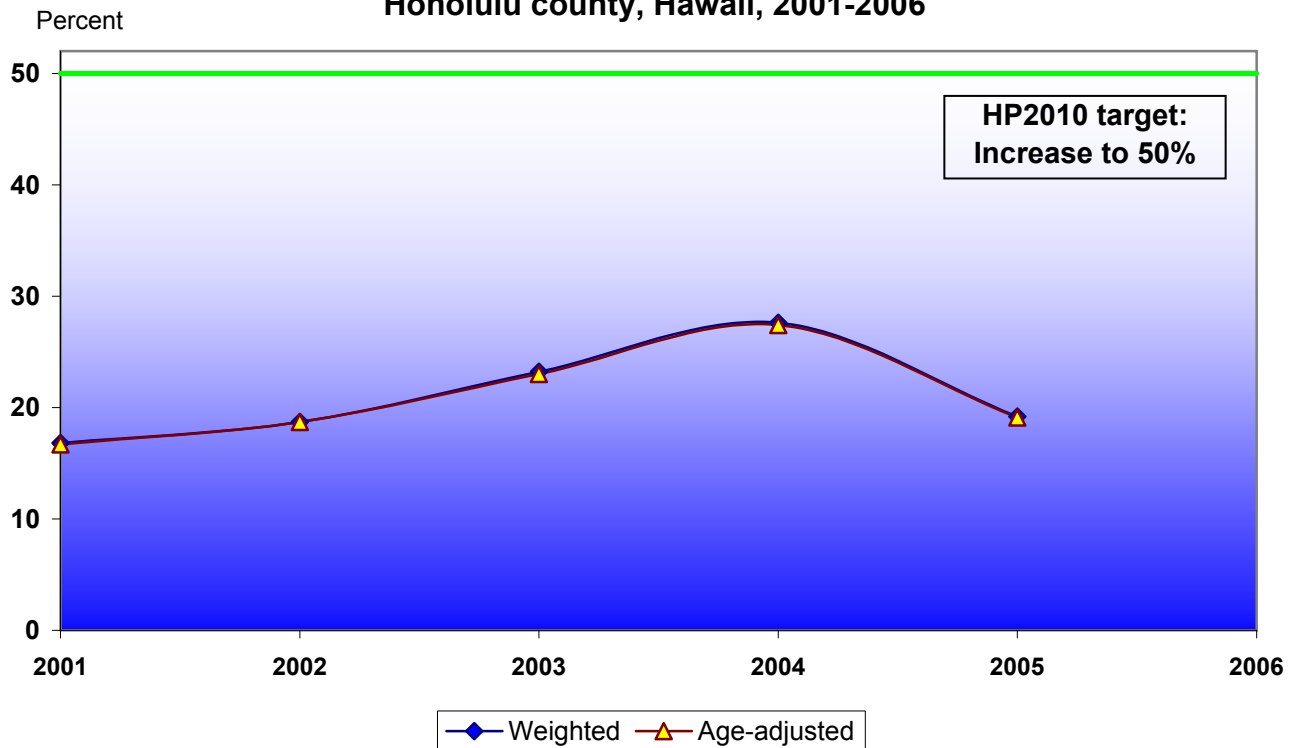


YEAR	2001	2002	2003	2004	2005	2006
Sample size	281	375	239	114	349	N/A
Consume daily 3+ servings of vegetables	57	80	73	31	71	
Weight percentage	20.9	24.0	26.3	24.4	20.3	
95% C.I.	(13.4 - 31.2)	(18.7 - 30.3)	(19.8 - 33.9)	(15.1 - 37.1)	(15.0 - 27.0)	
Age-adjusted percentage	16.8	23.5	28.9	22.1	17.3	
95% C.I.	(11.2 - 24.5)	(17.1 - 31.4)	(20.2 - 39.3)	(13.1 - 34.9)	(12.1 - 24.1)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-6/ SUPPLEMENT 10

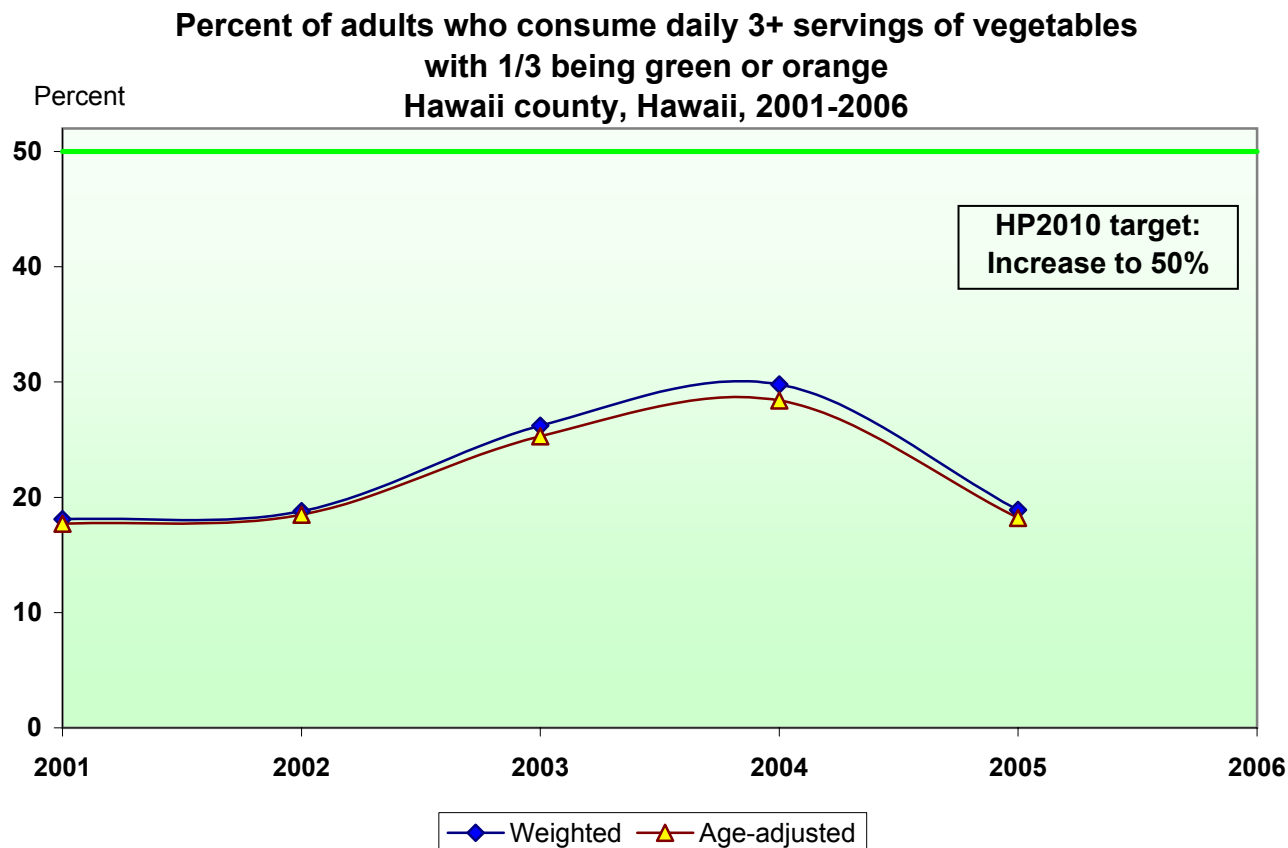
**Percent of adults who consume daily 3+ servings of vegetables
with 1/3 being green or orange
Honolulu county, Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	1907	2803	2238	883	2886	N/A
Consume daily 3+ servings of vegetables	342	526	522	264	596	
Weight percentage	16.8	18.7	23.2	27.6	19.2	
95% C.I.	(14.9 - 18.9)	(17.0 - 20.5)	(21.2 - 25.3)	(24.4 - 31.1)	(17.6 - 21.1)	
Age-adjusted percentage	16.7	18.7	23.0	27.4	19.1	
95% C.I.	(14.8 - 18.7)	(17.0 - 20.5)	(21.0 - 25.1)	(24.2 - 30.8)	(17.4 - 21.0)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-6/ SUPPLEMENT 11

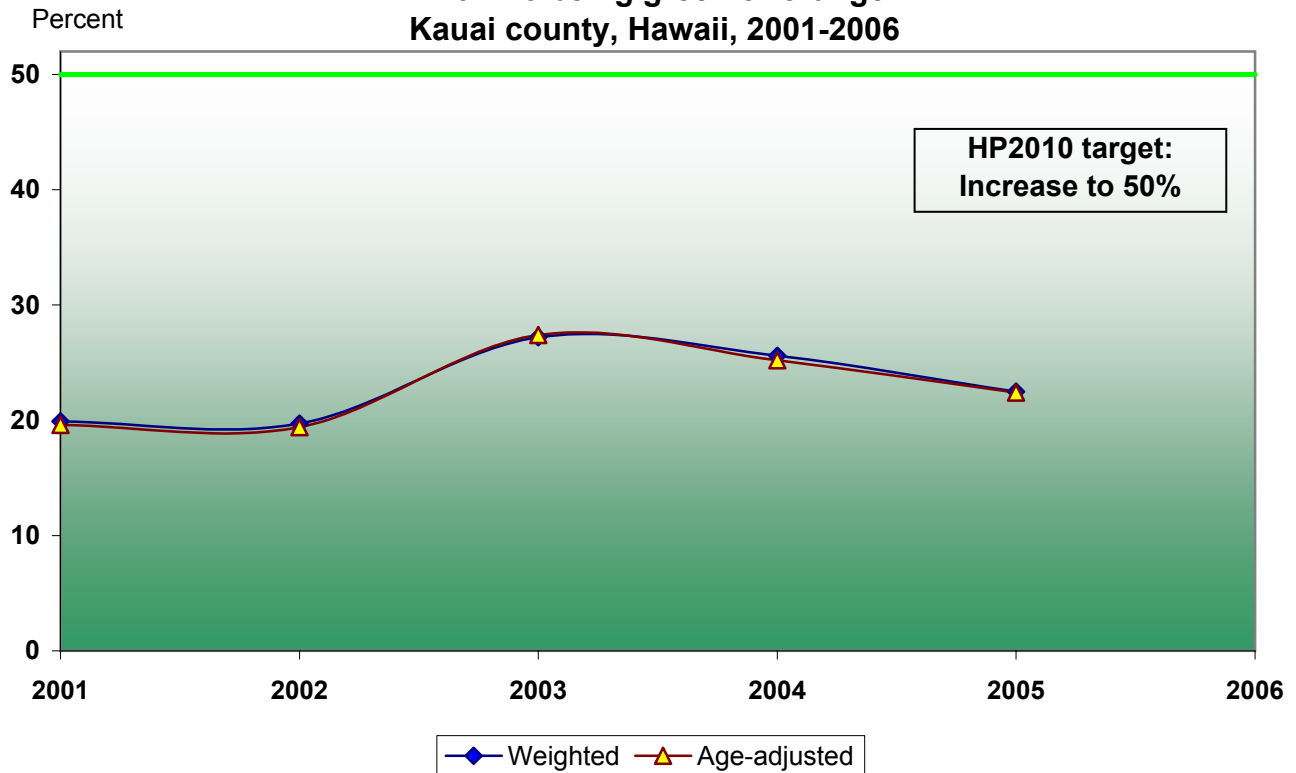


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1018	1376	968	542	1617	N/A
Consume daily 3+ servings of vegetables	203	288	270	173	344	
Weight percentage	18.1	18.8	26.2	29.8	18.9	
95% C.I.	(15.7 - 20.9)	(16.5 - 21.2)	(23.1 - 29.5)	(25.5 - 34.6)	(16.7 - 21.4)	
Age-adjusted percentage	17.7	18.5	25.3	28.4	18.2	
95% C.I.	(15.3 - 20.4)	(16.2 - 21.1)	(22.2 - 28.6)	(24.1 - 33.2)	(16.0 - 20.7)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-6/ SUPPLEMENT 12

**Percent of adults who consume daily 3+ servings of vegetables
with 1/3 being green or orange
Kauai county, Hawaii, 2001-2006**

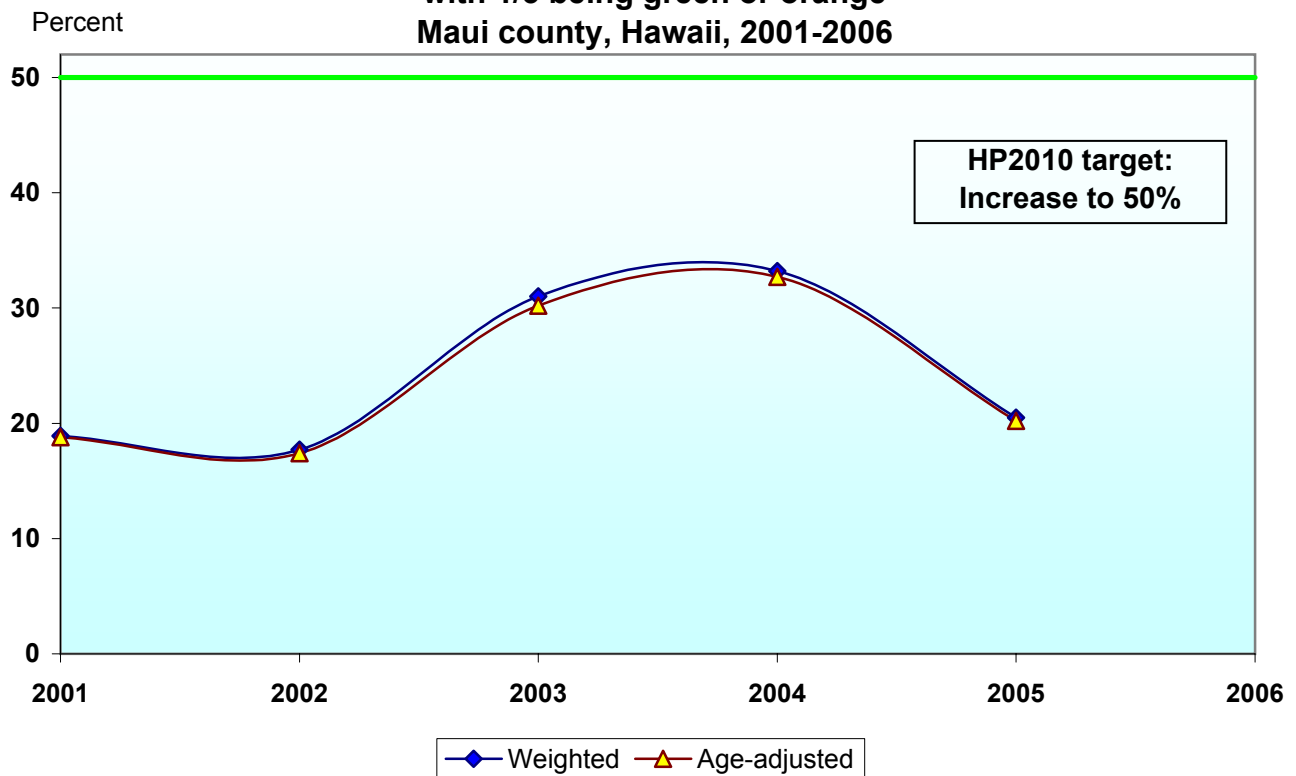


YEAR	2001	2002	2003	2004	2005	2006
Sample size	548	600	418	277	569	N/A
Consume daily 3+ servings of vegetables	123	130	125	77	146	
Weight percentage	19.9	19.7	27.2	25.6	22.5	
95% C.I.	(16.4 - 23.9)	(16.4 - 23.6)	(22.6 - 32.3)	(20.2 - 31.9)	(18.9 - 26.7)	
Age-adjusted percentage	19.6	19.4	27.4	25.2	22.4	
95% C.I.	(16.1 - 23.7)	(15.9 - 23.3)	(22.6 - 32.7)	(19.5 - 31.9)	(18.3 - 27.0)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 19-6/ SUPPLEMENT 13

**Percent of adults who consume daily 3+ servings of vegetables
with 1/3 being green or orange
Maui county, Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	1006	1205	699	393	1174	N/A
Consume daily 3+ servings of vegetables	204	218	228	130	266	
Weight percentage	18.9	17.7	31.0	33.2	20.5	
95% C.I.	(16.3 - 21.9)	(15.3 - 20.3)	(27.0 - 35.4)	(27.3 - 39.8)	(17.7 - 23.6)	
Age-adjusted percentage	18.8	17.4	30.2	32.7	20.2	
95% C.I.	(16.1 - 21.8)	(15.0 - 20.0)	(26.3 - 34.4)	(27.0 - 38.9)	(17.4 - 23.2)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

ORAL HEALTH

Objective 21-3: *Increase the proportion of adults (aged 35 - 44) who have never had a permanent tooth extracted because of dental caries or periodontal disease to **40 %** (revised from 42%.)*

Objective 21-4: *Reduce the proportion of older adults (aged 65 to 74) who have had all their natural teeth extracted to **22%** (revised from 20%)*

Question used to obtain the data:

How many of your permanent teeth have been removed because of tooth decay or gum disease? Do not include teeth lost for other reasons such as injury or orthodontics.

Objective 21-10: *Increase the proportion of children and adults who use the oral health care system each year to **56%***

Question used to obtain the data:

How long has it been since you last visited a dentist or a dental clinic for any reason?

NOTES:

The questions about oral health were asked in the state of Hawaii every other year. According to the existing data, for each year of 2002, 2004, and 2006, the results exceed these three HP2010 goals.

For some specific population groups, the sample size is small (less than 50) preventing a solid conclusion when tracking the two objectives 21.3 and 21.4.

Objective 21.10 aims to look at the way people use the oral health care system each year. Even with 72% adults visiting dentist(s) or dental clinic in the last 12 months, surpassing the HP2010 goal of 56%, we still have some disparity by ethnicity, by household income, and by education level.

In 2006, 44.3% of people with limited education visited dentist or a dental clinic in the last year. The proportion of people with less than High School education who visited dentist or a dental clinic annually is much lower compared to that for people with at least High School (Figure 21a).

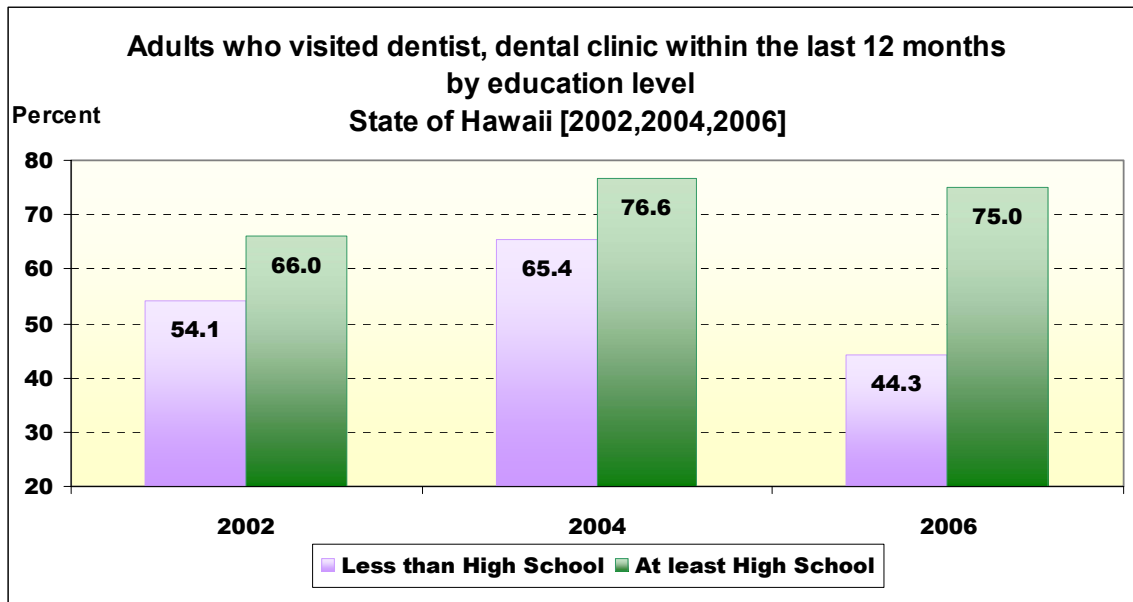


Fig. 21a

Similarly, people in low-income households had a lower rate of annually visiting dentist or dental clinic than others did (Figure 21b).

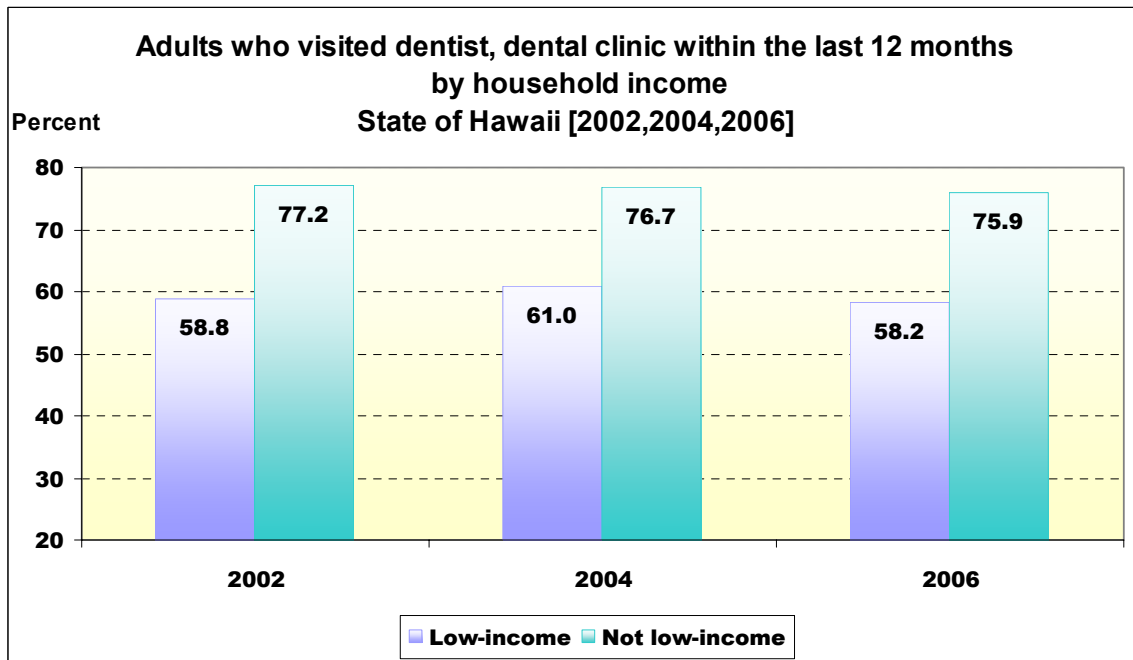
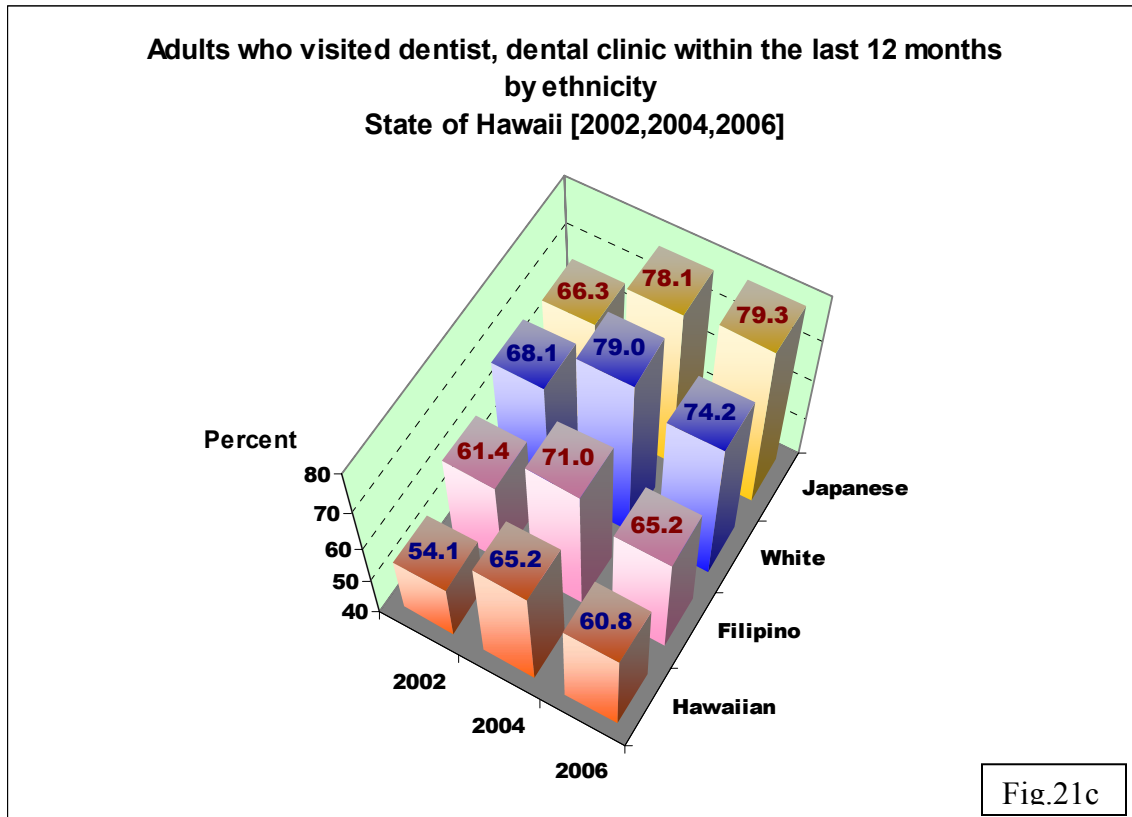


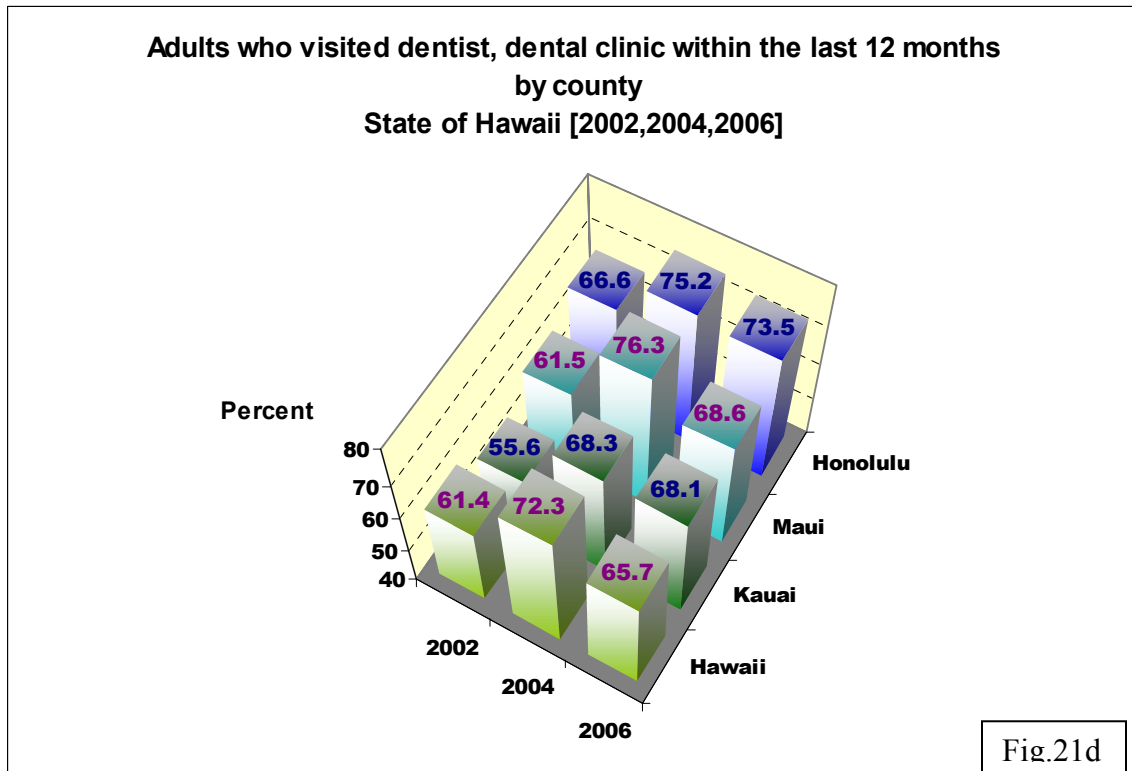
Fig. 21b

In the survey years, Hawaiians experienced the lowest rate of using dental care followed by Filipinos. Alternatively, the proportion of Whites and Japanese annually visiting dentists is much higher than the Hawaiians and Filipinos (Figure 21c).

ORAL HEALTH

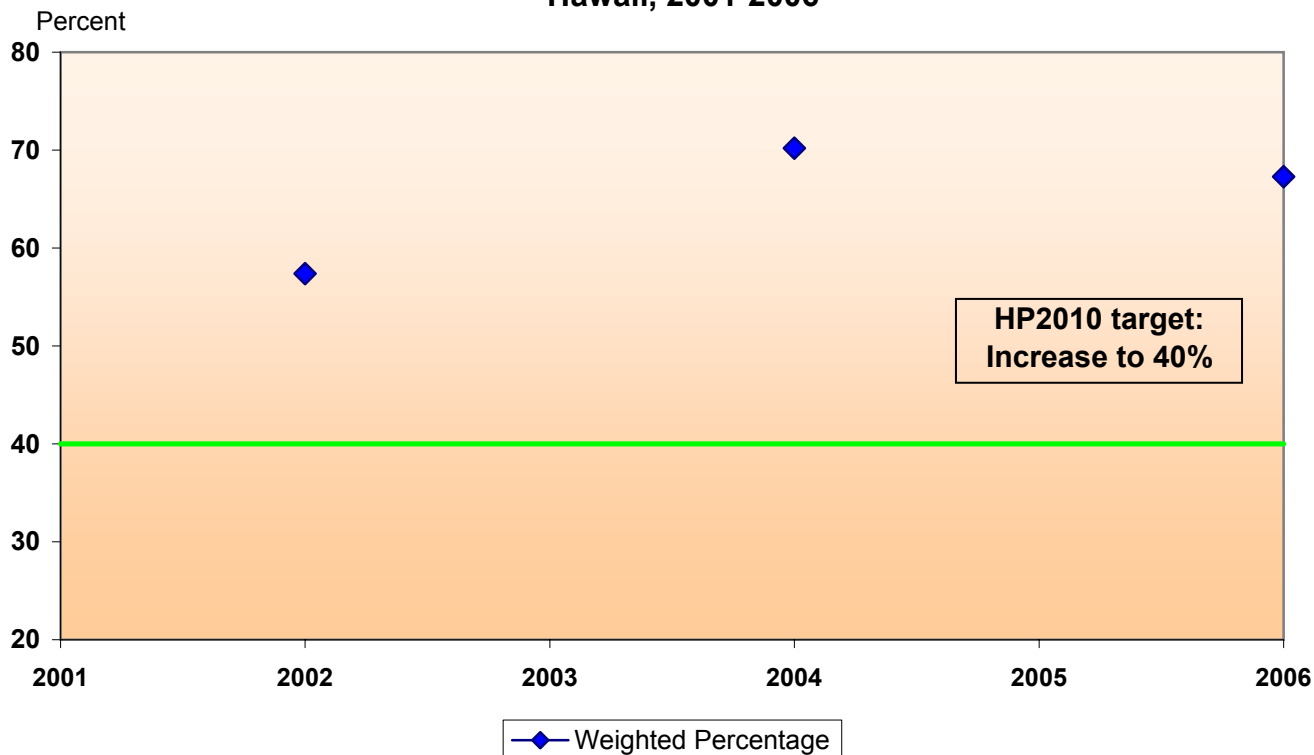


The state of Hawaii also features a disparity among counties in terms of using dental care. Except for 2004, Honolulu has a significantly higher percentage of adults who visit dentists or a dental clinic within the last 12 months than other counties (Figure 21d).



OBJECTIVE 21-3

**Percent of adults, aged 35 to 44,
who have never had a permanent tooth extracted
Hawaii, 2001-2006**

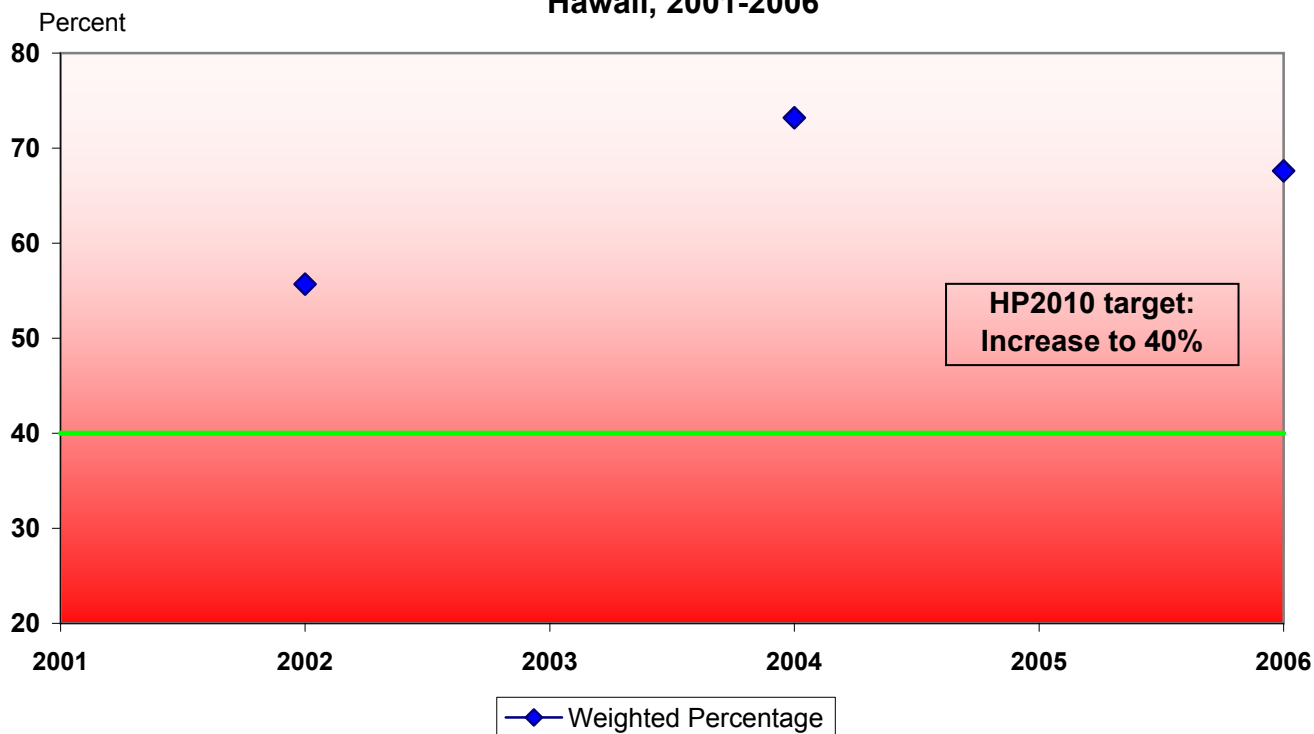


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	1158	N/A	411	N/A	1115
Had no teeth extracted		674		276		749
Weight percentage		57.4		70.2		67.3
95% C.I.		(53.8 - 60.9)		(64.1 - 75.7)		(63.6 - 70.8)
GOAL (%)	40	40	40	40	40	40

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-3/ SUPPLEMENT 1

**Percent of men, aged 35 to 44,
who have never had a permanent tooth extracted
Hawaii, 2001-2006**

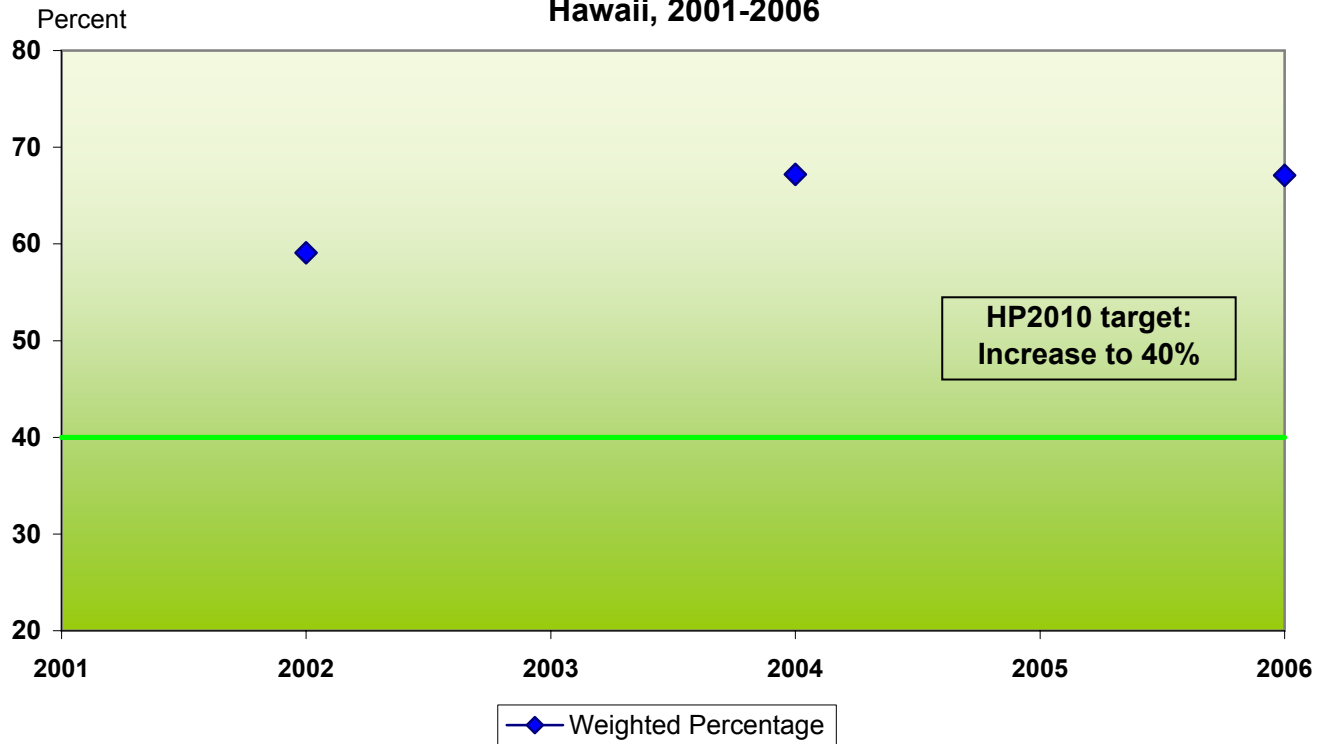


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	501	N/A	144	N/A	476
Had no teeth extracted		287		95		317
Weight percentage		55.7		73.2		67.6
95% C.I.		(50.2 - 61.1)		(64.1 - 80.7)		(62.2 - 72.5)
GOAL (%)	40	40	40	40	40	40

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-3/ SUPPLEMENT 2

**Percent of women, aged 35 to 44,
who have never had a permanent tooth extracted
Hawaii, 2001-2006**

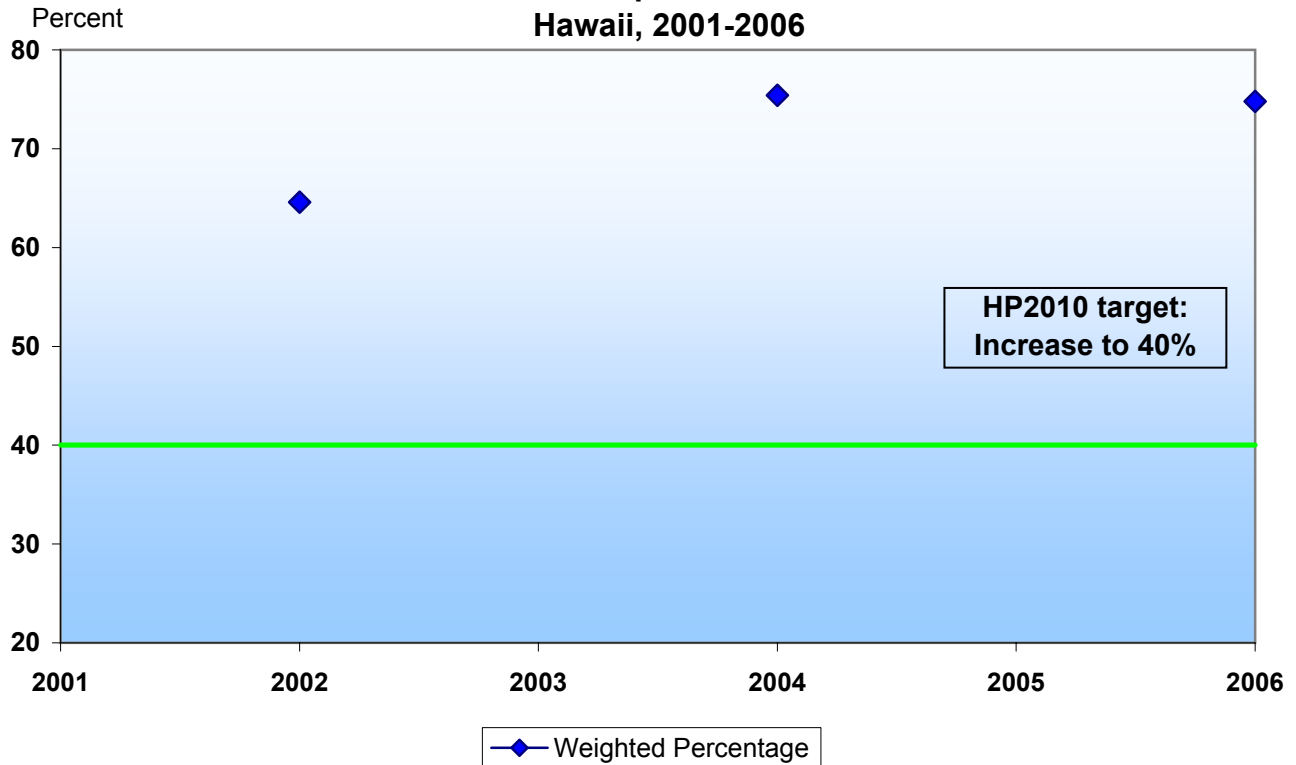


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	657	N/A	267	N/A	639
Had no teeth extracted		387		181		432
Weight percentage		59.1		67.2		67.1
95% C.I.		(54.5 - 63.6)		(58.9 - 74.6)		(61.9 - 71.9)
GOAL (%)	40	40	40	40	40	40

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-3/ SUPPLEMENT 3

**Percent of White adults, aged 35 to 44,
who have never had a permanent tooth extracted
Hawaii, 2001-2006**

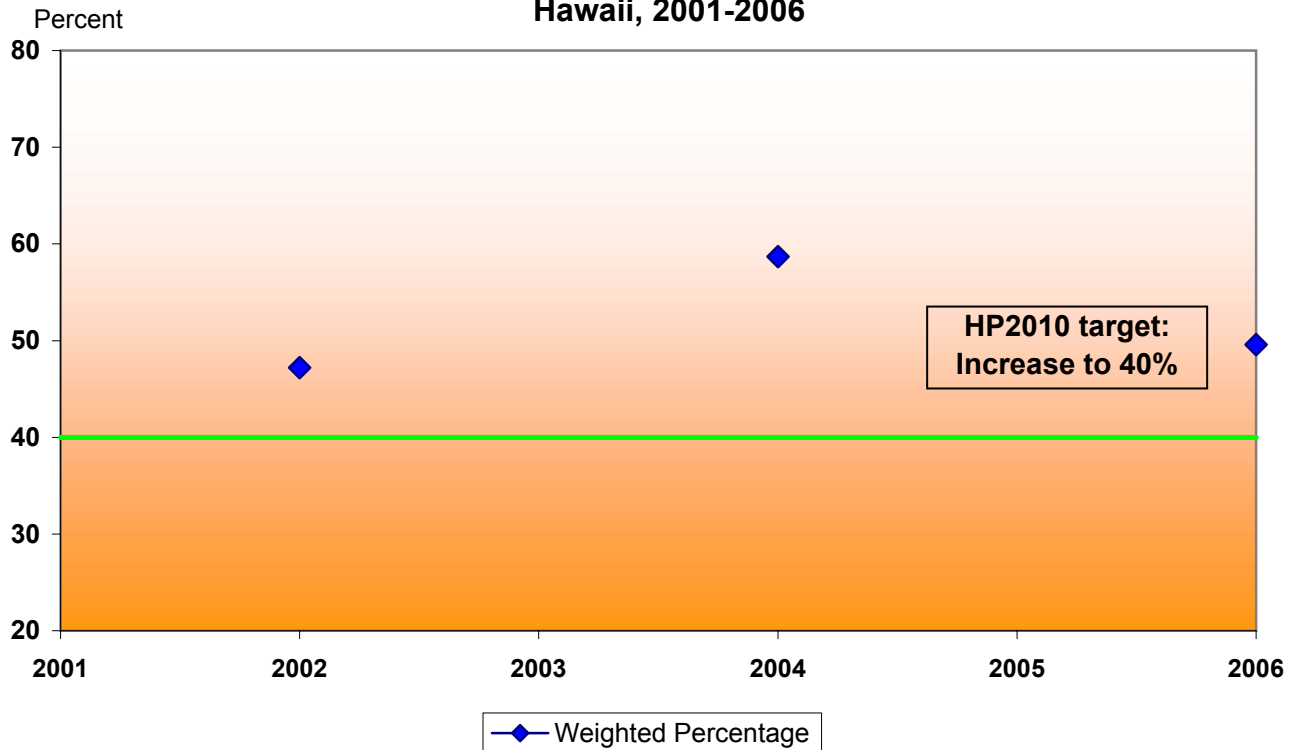


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	494	N/A	151	N/A	430
Had no teeth extracted		317		113		326
Weight percentage		64.6		75.4		74.8
95% C.I.		(59.3 - 69.5)		(65.7 - 83.1)		(68.9 - 79.8)
GOAL (%)	40	40	40	40	40	40

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-3/ SUPPLEMENT 4

**Percent of Hawaiians, aged 35 to 44,
who have never had a permanent tooth extracted
Hawaii, 2001-2006**

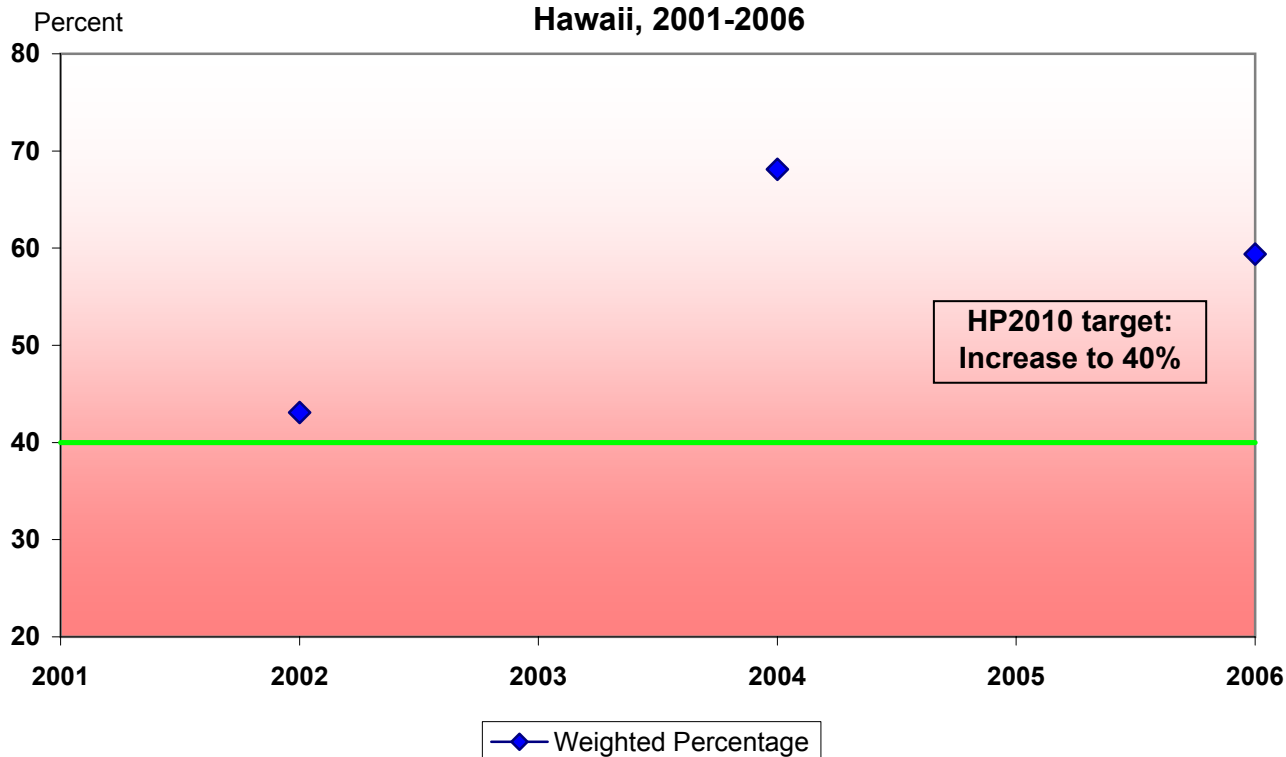


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	151	N/A	73	N/A	154
Had no teeth extracted		68		40		74
Weight percentage		47.2		58.7		49.6
95% C.I.		(37.4 - 57.3)		(41.8 - 73.8)		(39.1 - 60.1)
GOAL (%)	40	40	40	40	40	40

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-3/ SUPPLEMENT 5

**Percent of Filipinos, aged 35 to 44,
who have never had a permanent tooth extracted
Hawaii, 2001-2006**

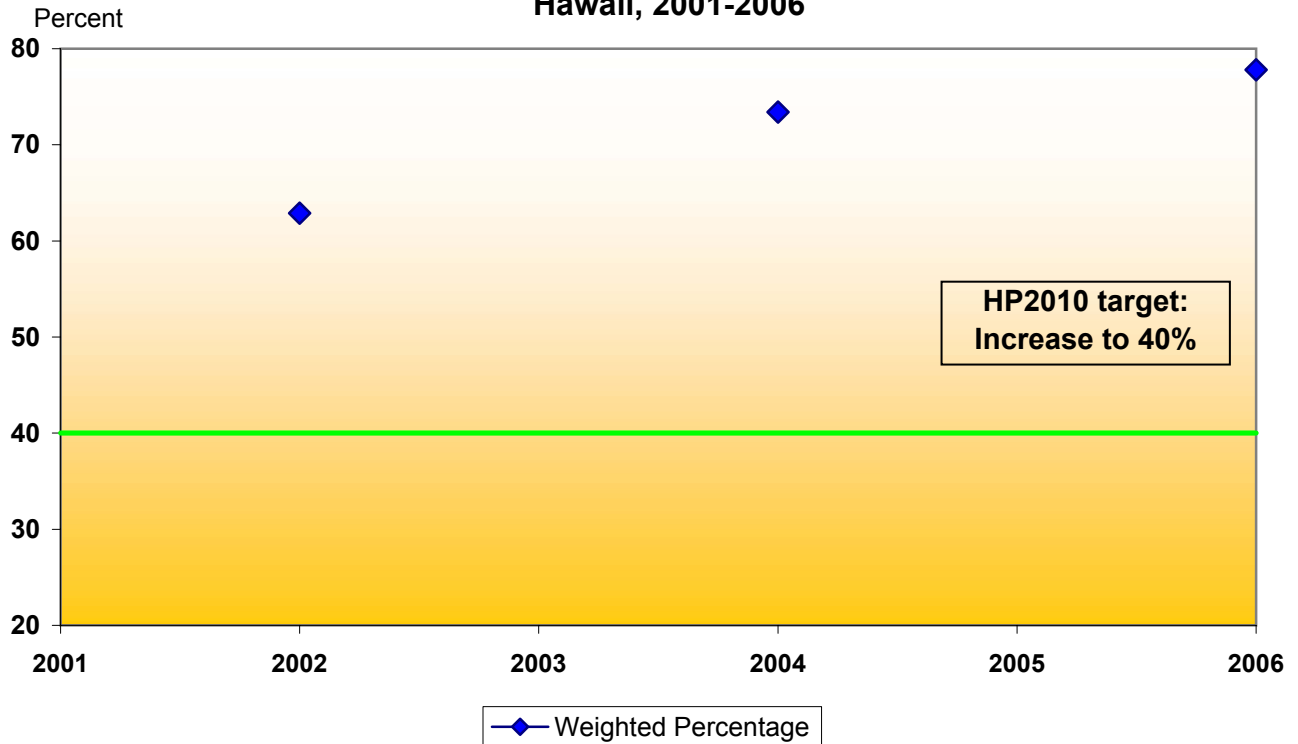


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	177	N/A	76	N/A	177
Had no teeth extracted		77		44		102
Weight percentage		43.1		68.1		59.4
95% C.I.		(34.4 - 52.3)		(53.0 - 80.2)		(49.3 - 68.9)
GOAL (%)	40	40	40	40	40	40

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-3/ SUPPLEMENT 6

**Percent of Japanese, aged 35 to 44,
who have never had a permanent tooth extracted
Hawaii, 2001-2006**

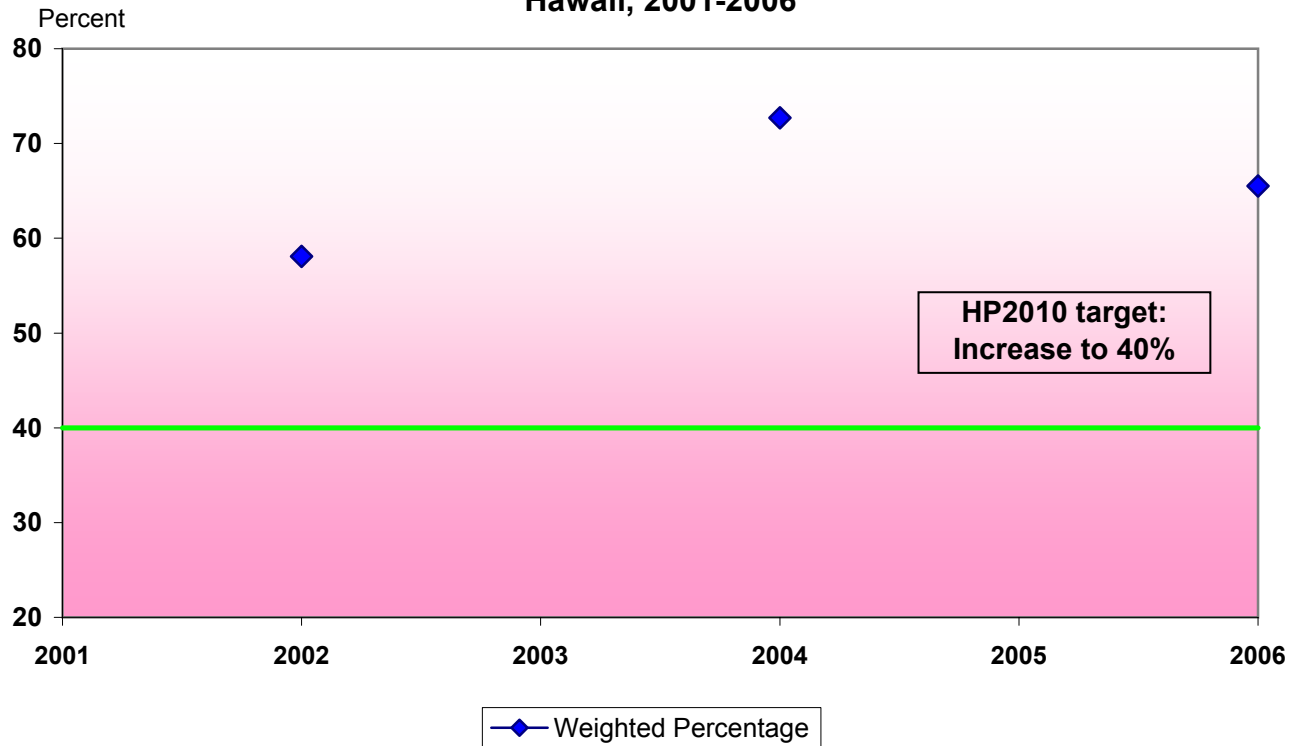


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	180	N/A	52	N/A	166
Had no teeth extracted		114		38		125
Weight percentage		62.9		73.4		77.8
95% C.I.		(54.2 - 70.8)		(56.5 - 85.4)		(69.3 - 84.5)
GOAL (%)	40	40	40	40	40	40

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-3/ SUPPLEMENT 7

**Percent of adults of other races, aged 35 to 44,
who have never had a permanent tooth extracted
Hawaii, 2001-2006**

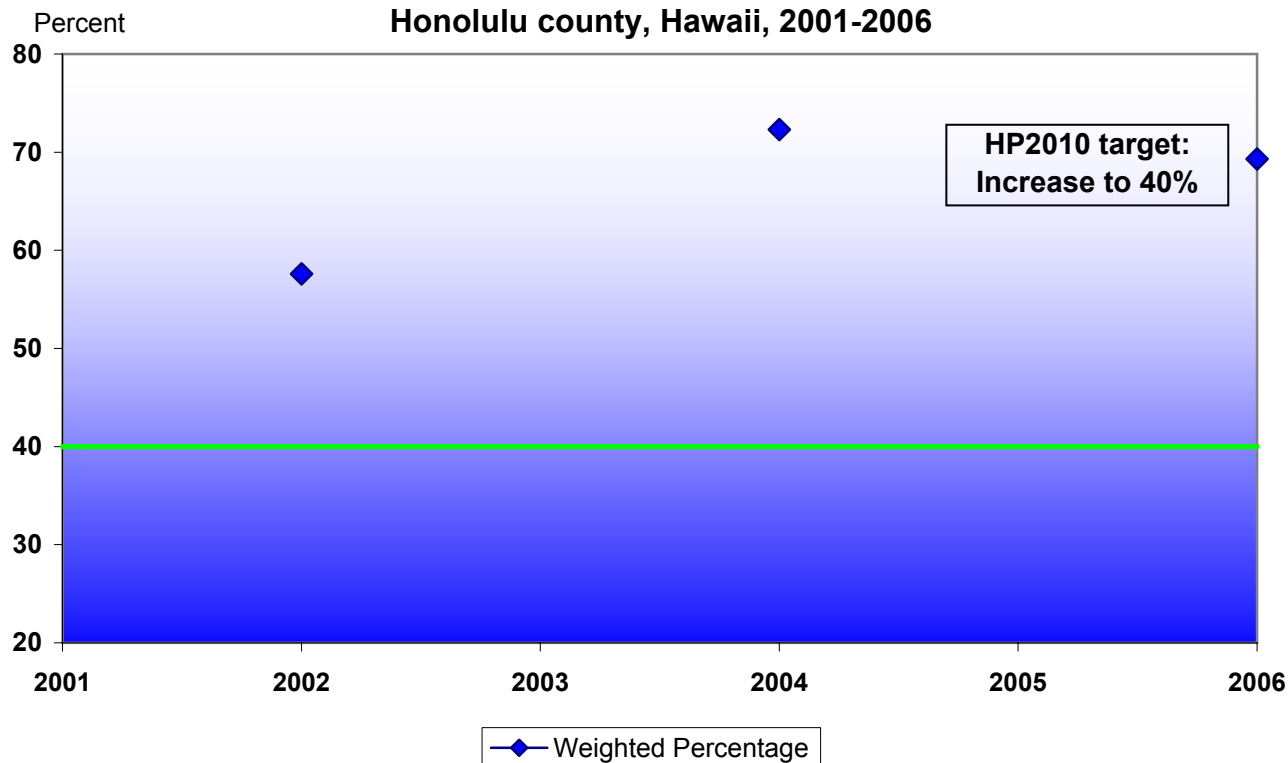


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	156	N/A	59	N/A	188
Had no teeth extracted		98		41		122
Weight percentage		58.1		72.7		65.5
95% C.I.		(47.9 - 67.7)		(57.2 - 84.2)		(57.0 - 73.1)
GOAL (%)	40	40	40	40	40	40

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-3/ SUPPLEMENT 8

**Percent of adults, aged 35 to 44,
who have never had a permanent tooth extracted
Honolulu county, Hawaii, 2001-2006**

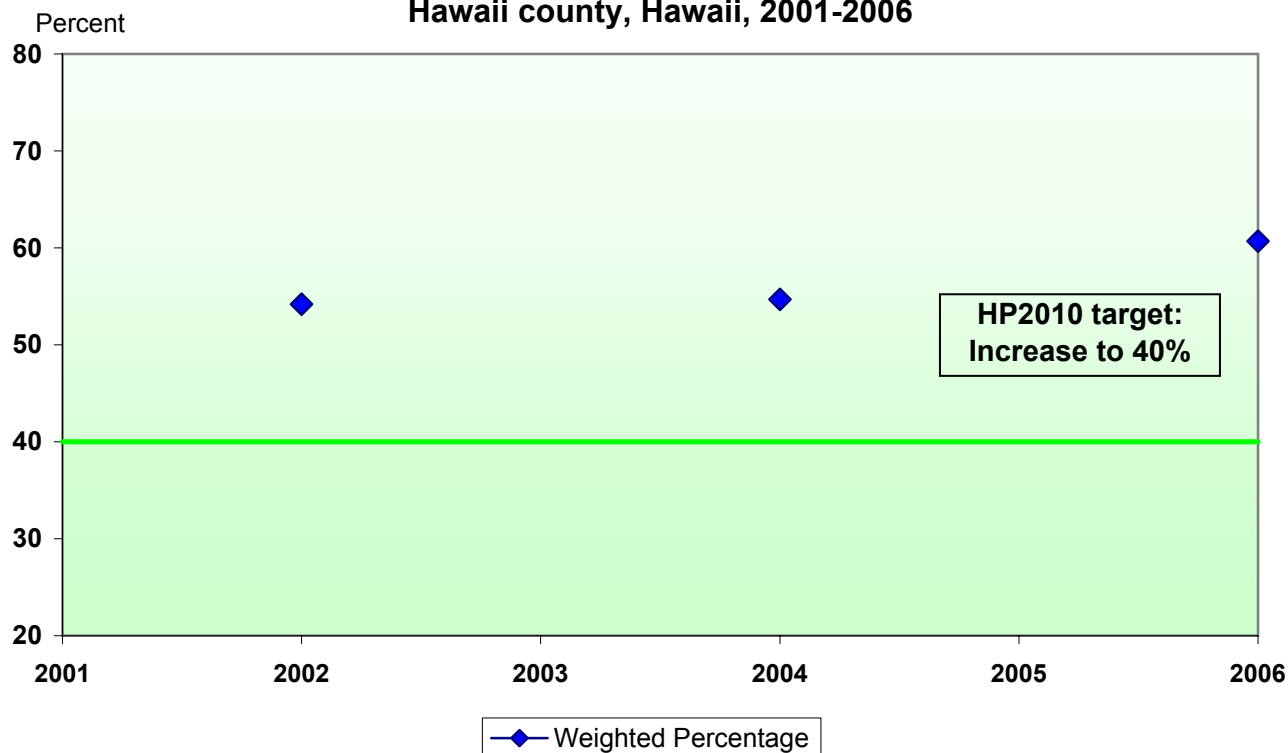


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	564	N/A	180	N/A	540
Had no teeth extracted		330		125		381
Weight percentage		57.6		72.3		69.3
95% C.I.		(52.9 - 62.2)		(64.2 - 79.1)		(64.5 - 73.7)
GOAL (%)	40	40	40	40	40	40

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-3/ SUPPLEMENT 9

**Percent of adults, aged 35 to 44,
who have never had a permanent tooth extracted
Hawaii county, Hawaii, 2001-2006**

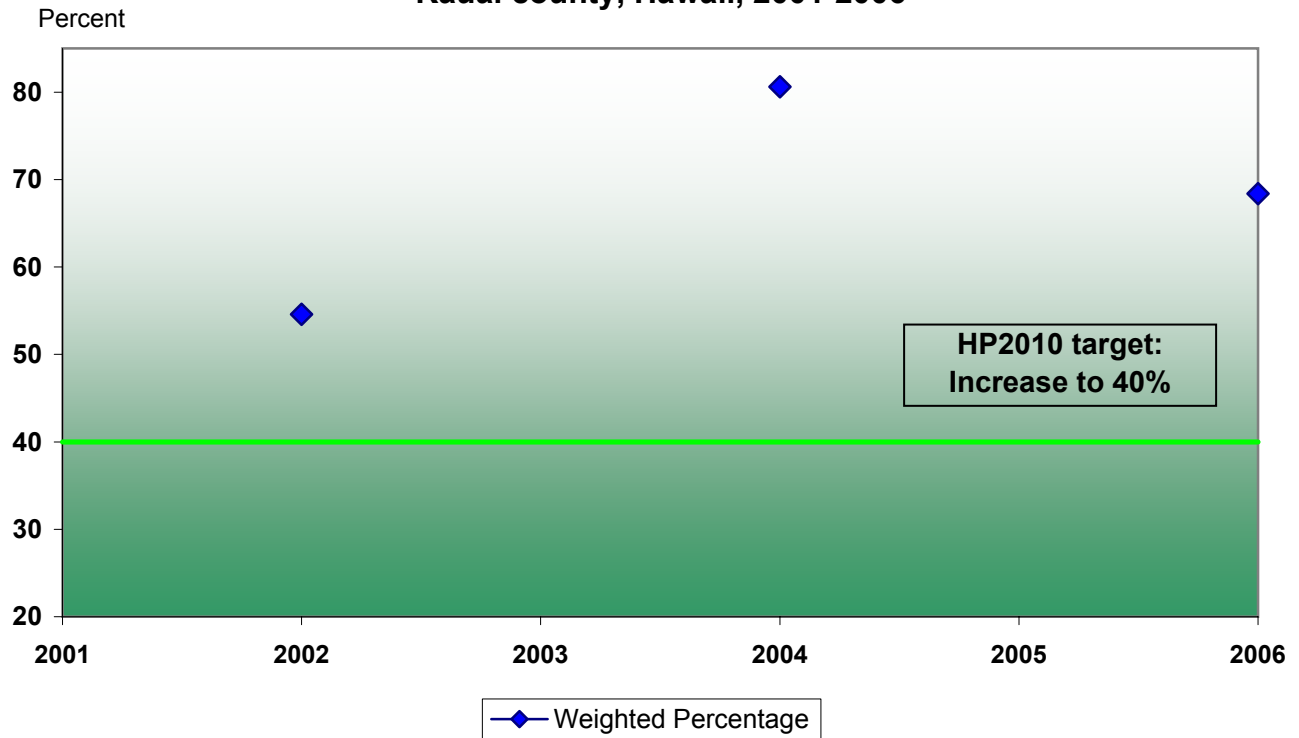


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	231	N/A	90	N/A	216
Had no teeth extracted		130		55		133
Weight percentage		54.2		54.7		60.7
95% C.I.		(46.9 - 61.4)		(42.0 - 66.8)		(52.9 - 67.9)
GOAL (%)	40	40	40	40	40	40

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-3/ SUPPLEMENT 10

Percent of adults, aged 35 to 44,
who have never had a permanent tooth extracted
Kauai county, Hawaii, 2001-2006

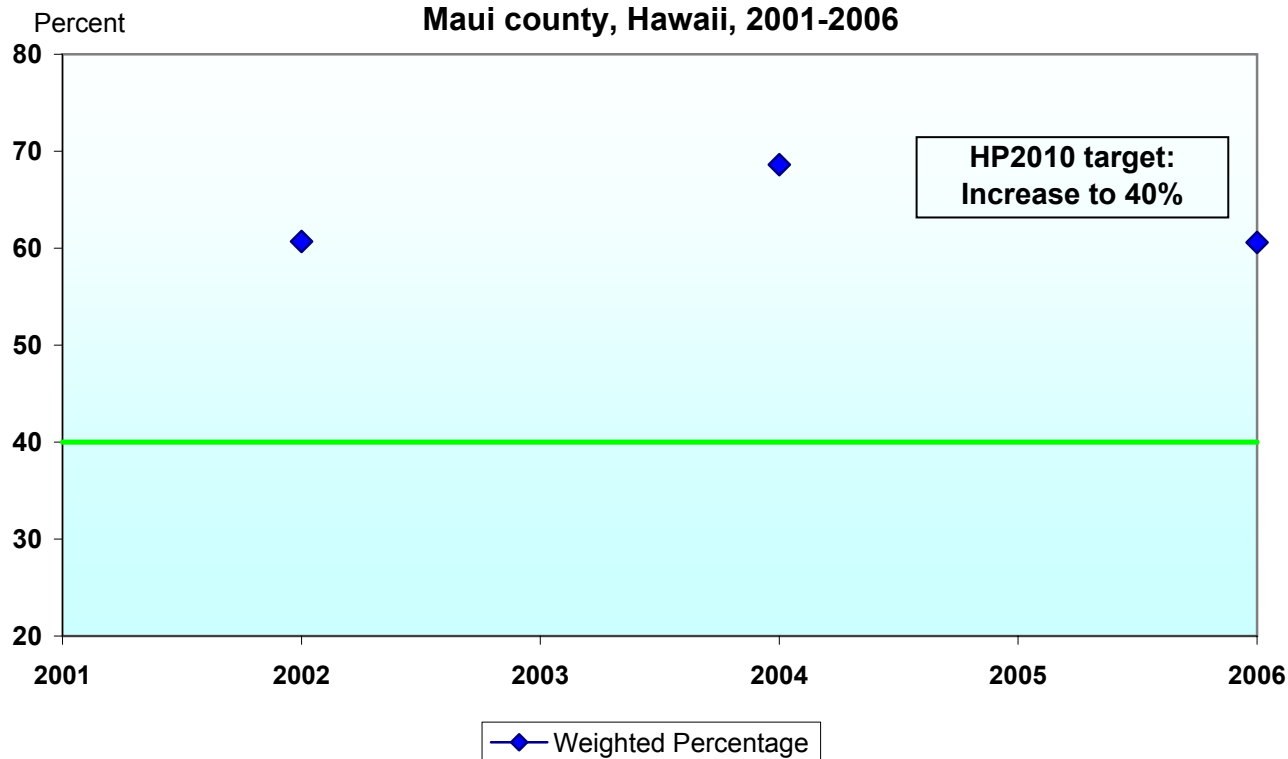


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	115	N/A	51	N/A	109
Had no teeth extracted		66		40		75
Weight percentage		54.6		80.6		68.4
95% C.I.		(44.4 - 64.4)		(66.3 - 89.8)		(57.8 - 77.4)
GOAL (%)	40	40	40	40	40	40

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-3/ SUPPLEMENT 11

**Percent of adults, aged 35 to 44,
who have never had a permanent tooth extracted
Maui county, Hawaii, 2001-2006**

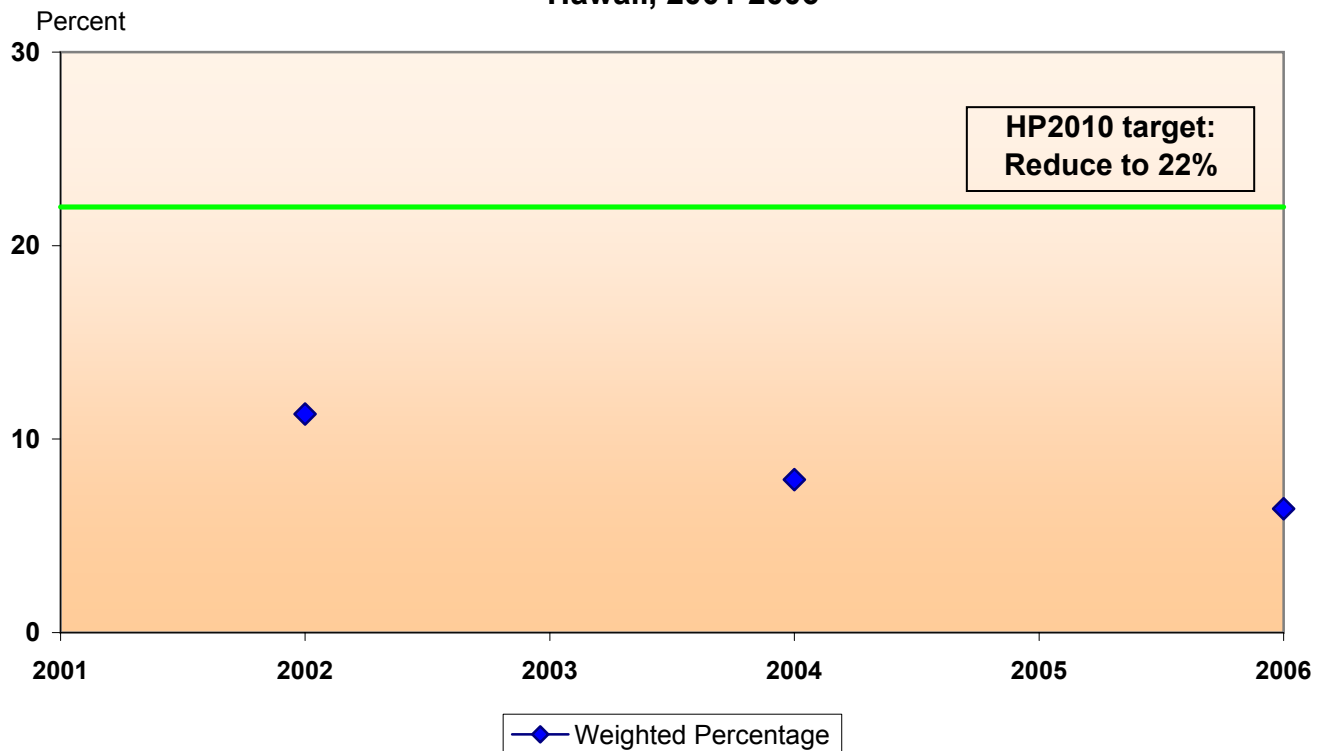


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	248	N/A	90	N/A	250
Had no teeth extracted		148		56		160
Weight percentage		60.7		68.6		60.6
95% C.I.		(53.5 - 67.4)		(56.4 - 78.7)		(52.4 - 68.3)
GOAL (%)	40	40	40	40	40	40

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-4

Percent of adults, aged 65 to 74, who had all natural teeth extracted Hawaii, 2001-2006

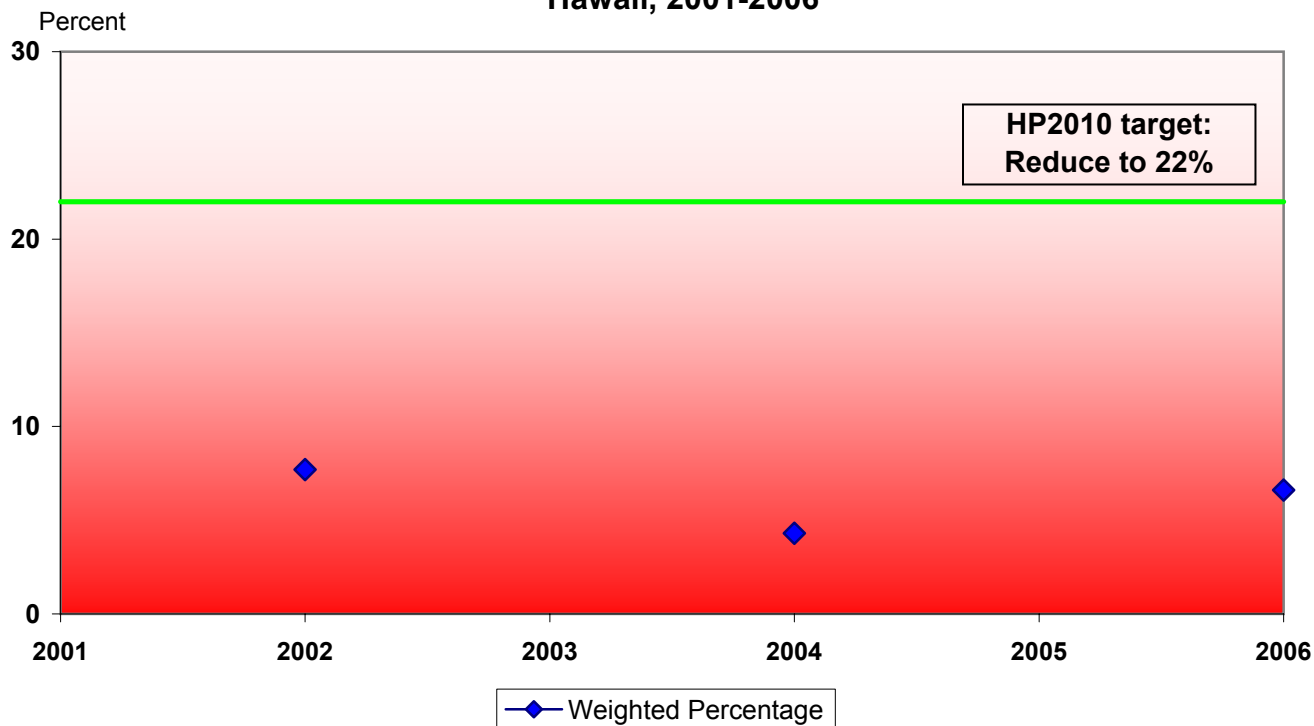


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	618	N/A	246	N/A	804
Had all teeth extracted		63		23		59
Weight percentage		11.3		7.9		6.4
95% C.I.		(8.0 - 15.9)		(4.7 - 13.0)		(4.4 - 9.3)
GOAL (%)	22	22	22	22	22	22

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-4/ SUPPLEMENT 1

**Percent of men, aged 65 to 74,
who had all natural teeth extracted
Hawaii, 2001-2006**

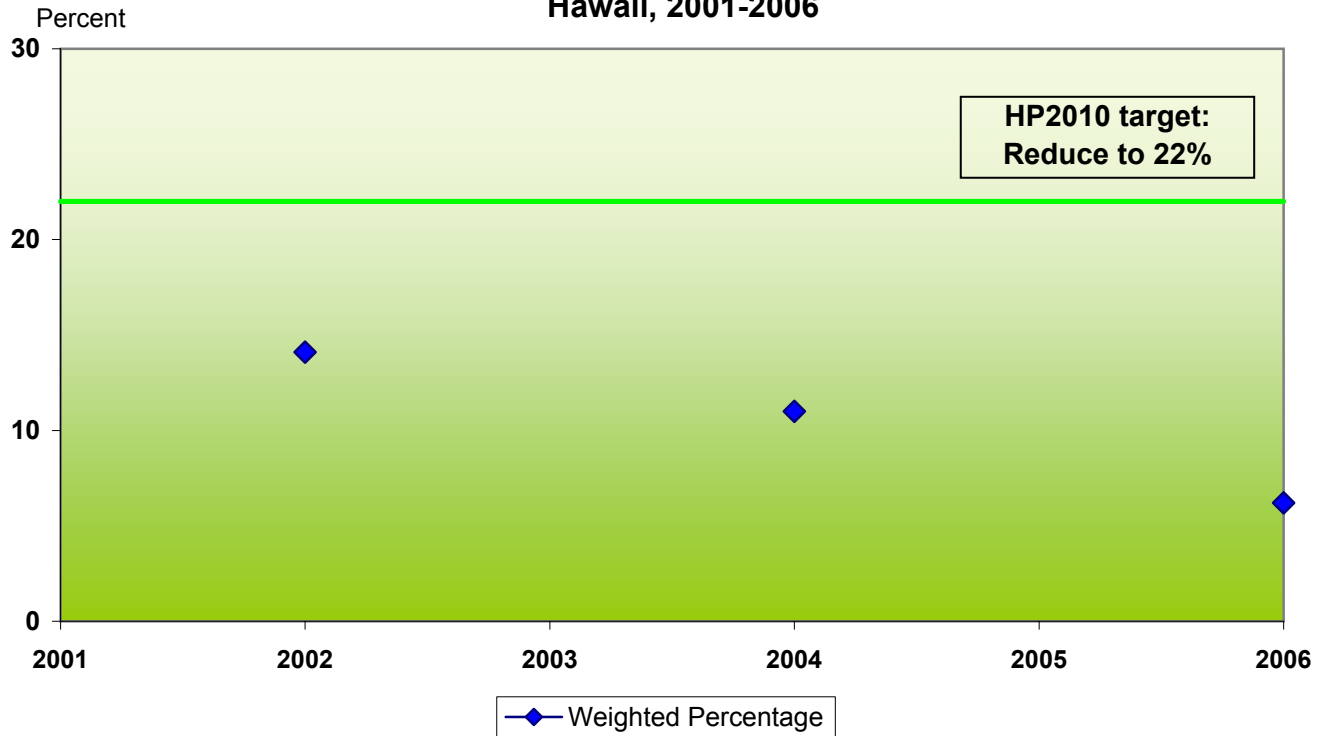


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	252	N/A	96	N/A	355
Had all teeth extracted		22		4		25
Weight percentage		7.7		4.3		6.6
95% C.I.		(4.8 - 12.3)		(1.5 - 11.8)		(4.0 - 10.9)
GOAL (%)	22	22	22	22	22	22

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-4/ SUPPLEMENT 2

**Percent of women, aged 65 to 74,
who had all natural teeth extracted
Hawaii, 2001-2006**

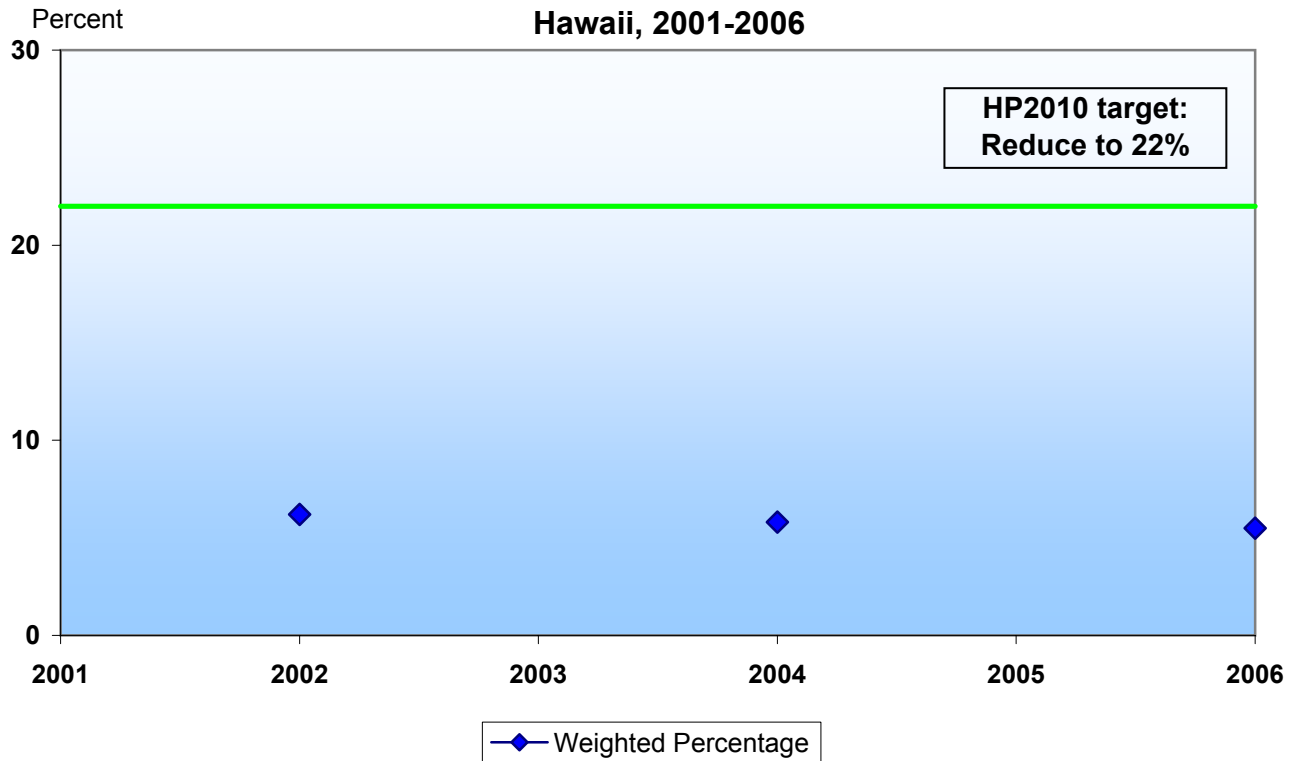


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	366	N/A	150	N/A	449
Had all teeth extracted		41		19		34
Weight percentage		14.1		11.0		6.2
95% C.I.		(9.0 - 21.5)		(6.0 - 19.2)		(3.5 - 10.6)
GOAL (%)	22	22	22	22	22	22

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-4/ SUPPLEMENT 3

**Percent of White adults, aged 65 to 74,
who had all natural teeth extracted
Hawaii, 2001-2006**

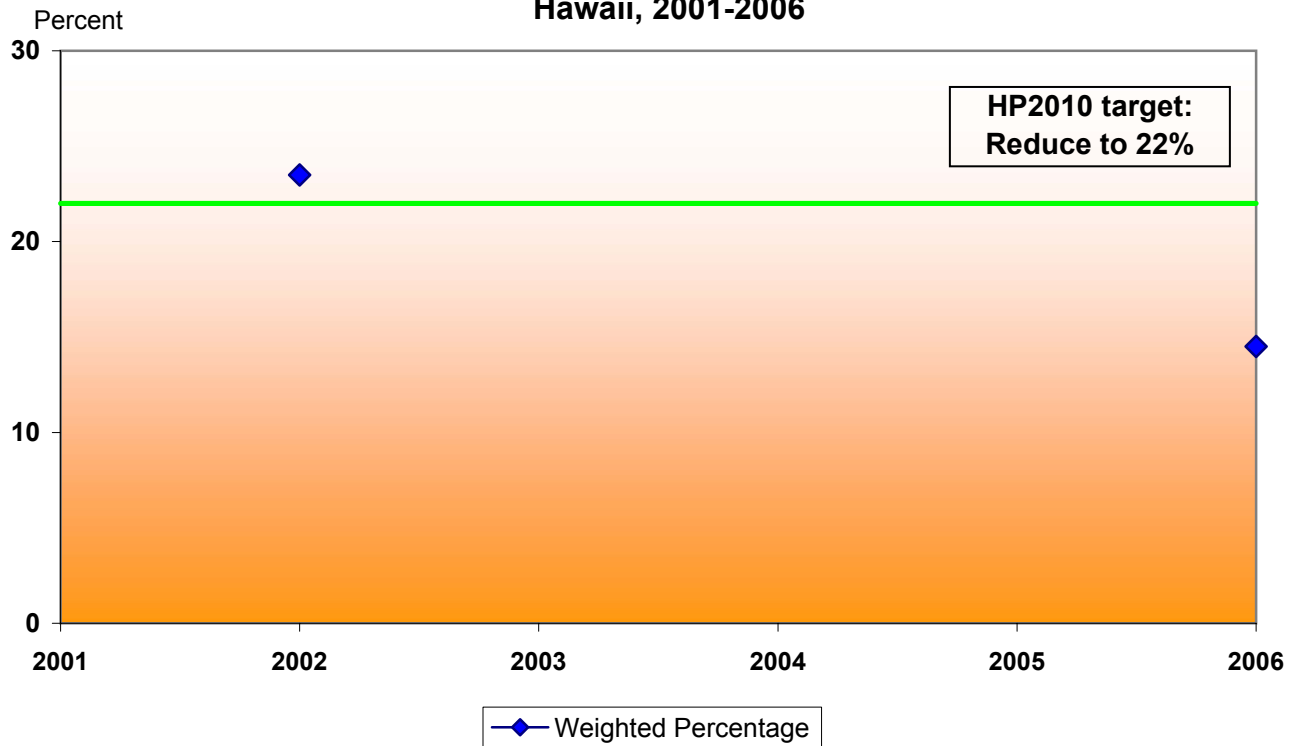


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	253	N/A	93	N/A	332
Had all teeth extracted		18		7		18
Weight percentage		6.2		5.8		5.5
95% C.I.		(3.6 - 10.3)		(2.4 - 13.5)		(2.9 - 10.1)
GOAL (%)	22	22	22	22	22	22

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-4/ SUPPLEMENT 4

**Percent of Hawaiians, aged 65 to 74,
who had all natural teeth extracted
Hawaii, 2001-2006**

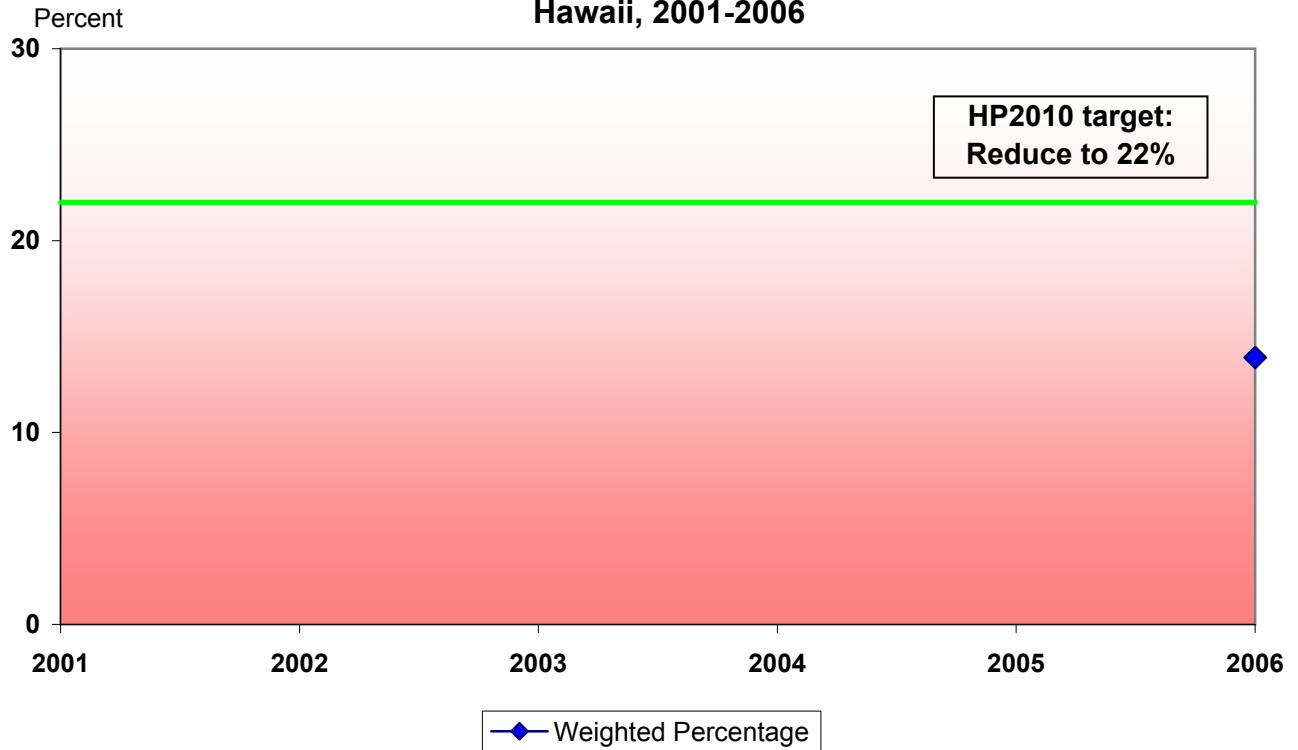


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	60	N/A	<i>less than 50</i>	N/A	97
Had all teeth extracted		14				17
Weight percentage		23.5				14.5
95% C.I.		(11.7 - 41.5)				(8.2 - 24.4)
GOAL (%)	22	22	22	22	22	22

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-4/ SUPPLEMENT 5

**Percent of Filipinos, aged 65 to 74,
who had all natural teeth extracted
Hawaii, 2001-2006**

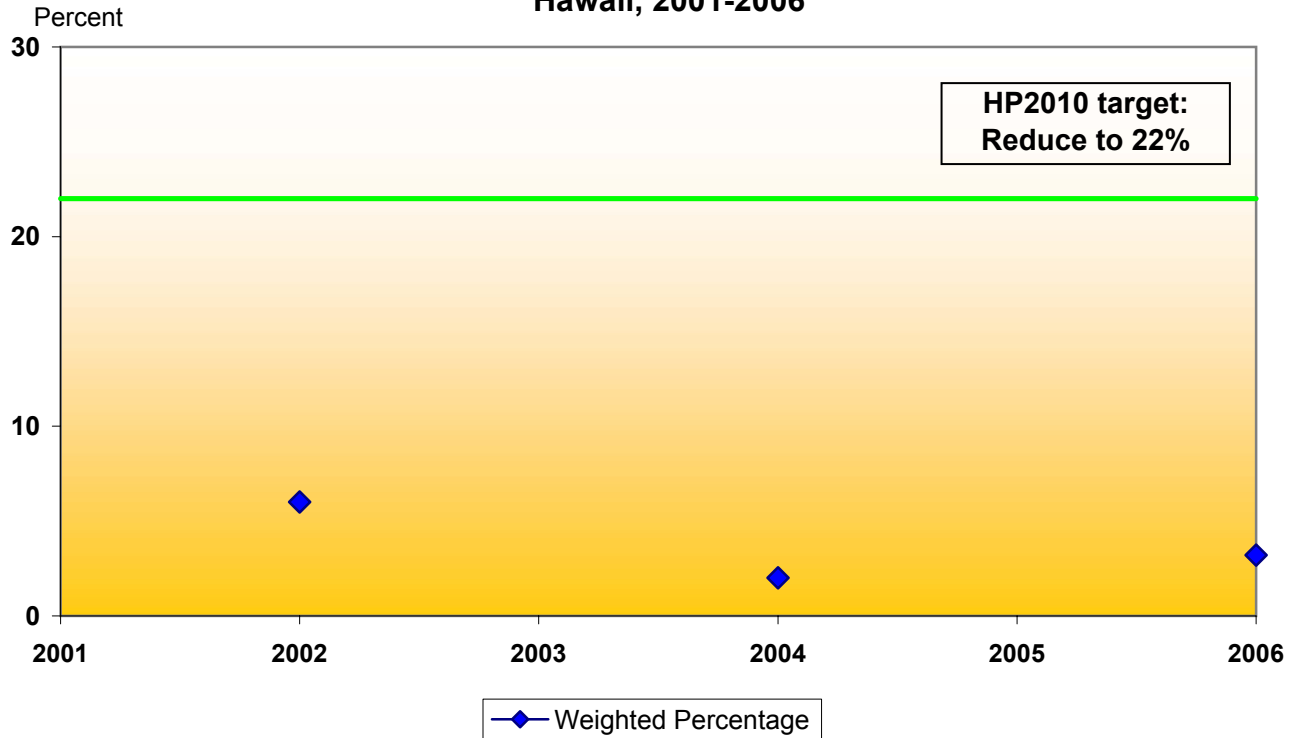


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	62	N/A	<i>less than 50</i>	N/A	81
Had all teeth extracted		13				11
Weight percentage		30.2				13.9
95% C.I.		(15.1 - 51.1)				(5.0 - 33.0)
GOAL (%)	22	22	22	22	22	22

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-4/ SUPPLEMENT 6

**Percent of Japanese, aged 65 to 74,
who had all natural teeth extracted
Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	177	N/A	63	N/A	205
Had all teeth extracted		12		3		9
Weight percentage		6.0		2.0		3.2
95% C.I.		(3.0 - 11.6)		(0.6 - 6.5)		(1.3 - 7.9)
GOAL (%)	22	22	22	22	22	22

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-4/ SUPPLEMENT 7

**Percent of adults of other races, aged 65 to 74,
who had all natural teeth extracted
Hawaii, 2001-2006**

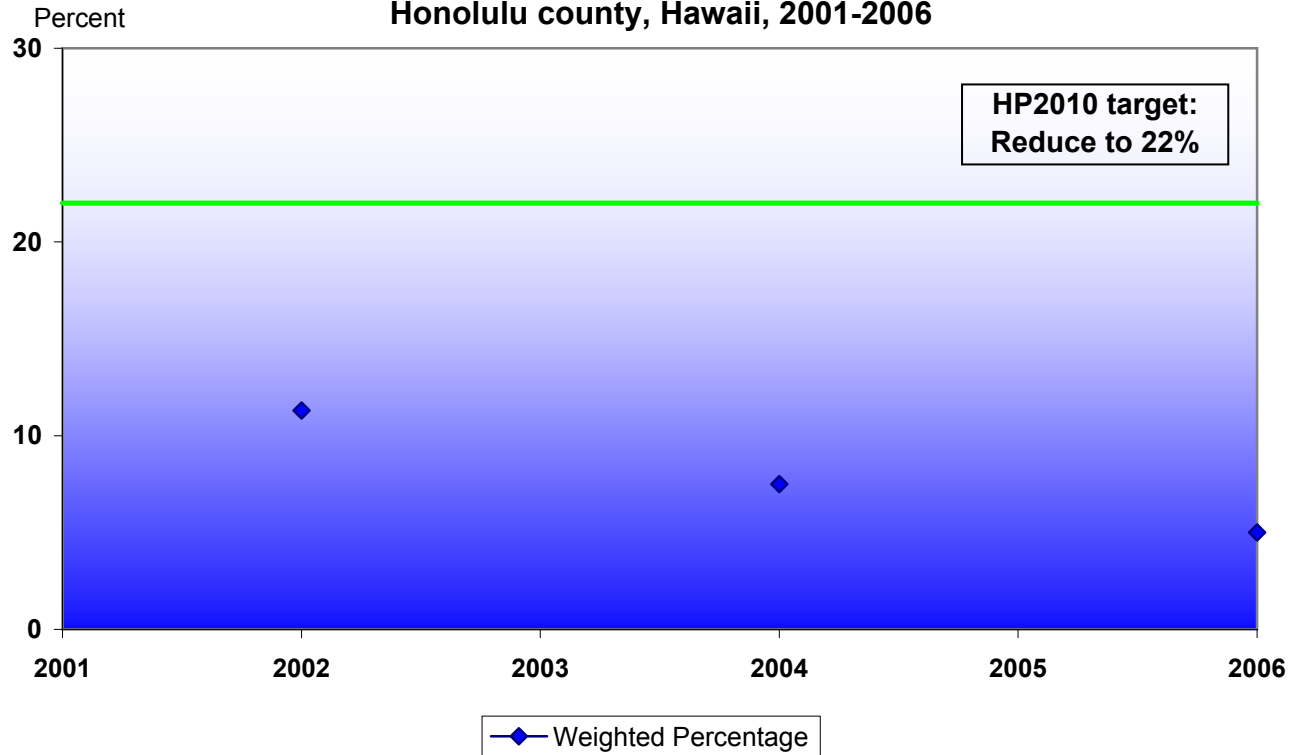


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	177	N/A	63	N/A	205
Had all teeth extracted		12		3		9
Weight percentage		6.0		2.0		3.2
95% C.I.		(3.0 - 11.6)		(0.6 - 6.5)		(1.3 - 7.9)
GOAL (%)	22	22	22	22	22	22

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-4/ SUPPLEMENT 8

**Percent of adults, aged 65 to 74,
who had all natural teeth extracted
Honolulu county, Hawaii, 2001-2006**

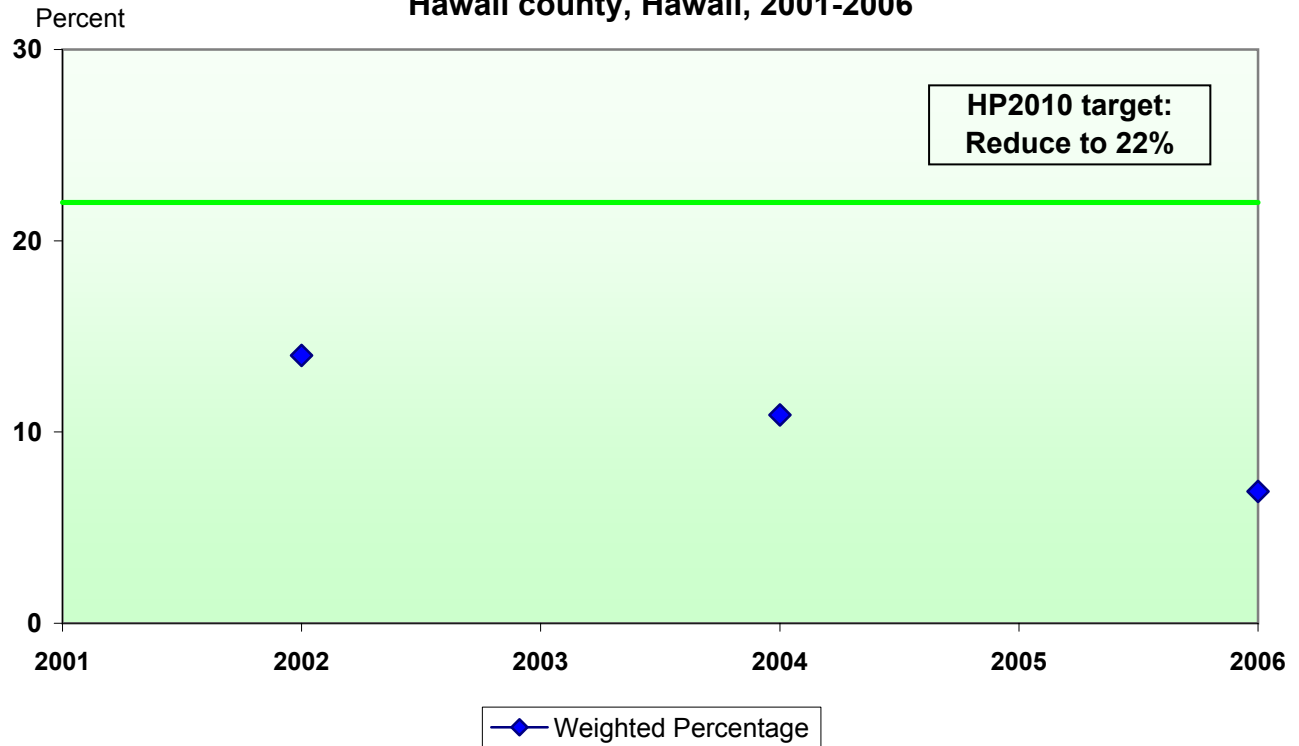


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	271	N/A	103	N/A	357
Had all teeth extracted		23		10		14
Weight percentage		11.3		7.5		5.0
95% C.I.		(7.0 - 17.8)		(3.7 - 14.8)		(2.6 - 9.2)
GOAL (%)	22	22	22	22	22	22

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-4/ SUPPLEMENT 9

**Percent of adults, aged 65 to 74,
who had all natural teeth extracted
Hawaii county, Hawaii, 2001-2006**

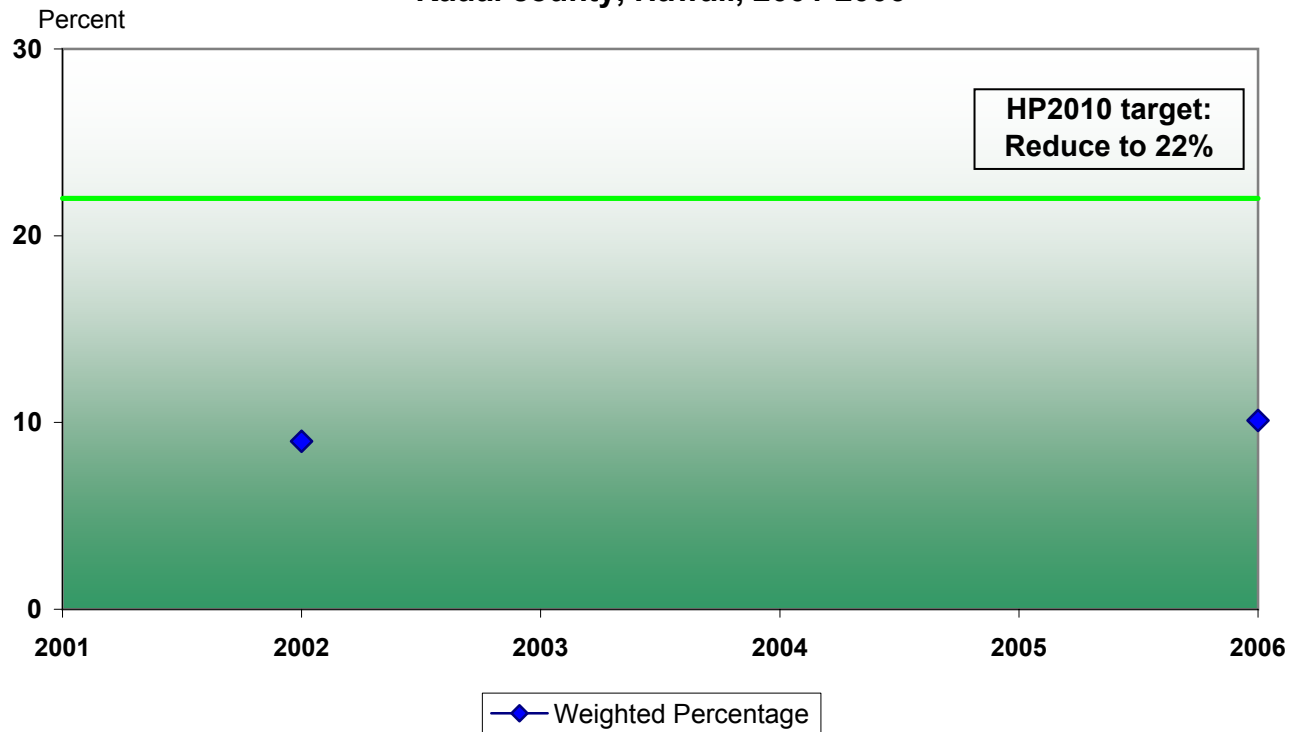


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	174	N/A	69	N/A	194
Had all teeth extracted		25		8		15
Weight percentage		14.0		10.9		6.9
95% C.I.		(9.3 - 20.6)		(5.2 - 21.4)		(3.9 - 11.7)
GOAL (%)	22	22	22	22	22	22

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-4/ SUPPLEMENT 10

Percent of adults, aged 65 to 74,
who had all natural teeth extracted
Kauai county, Hawaii, 2001-2006

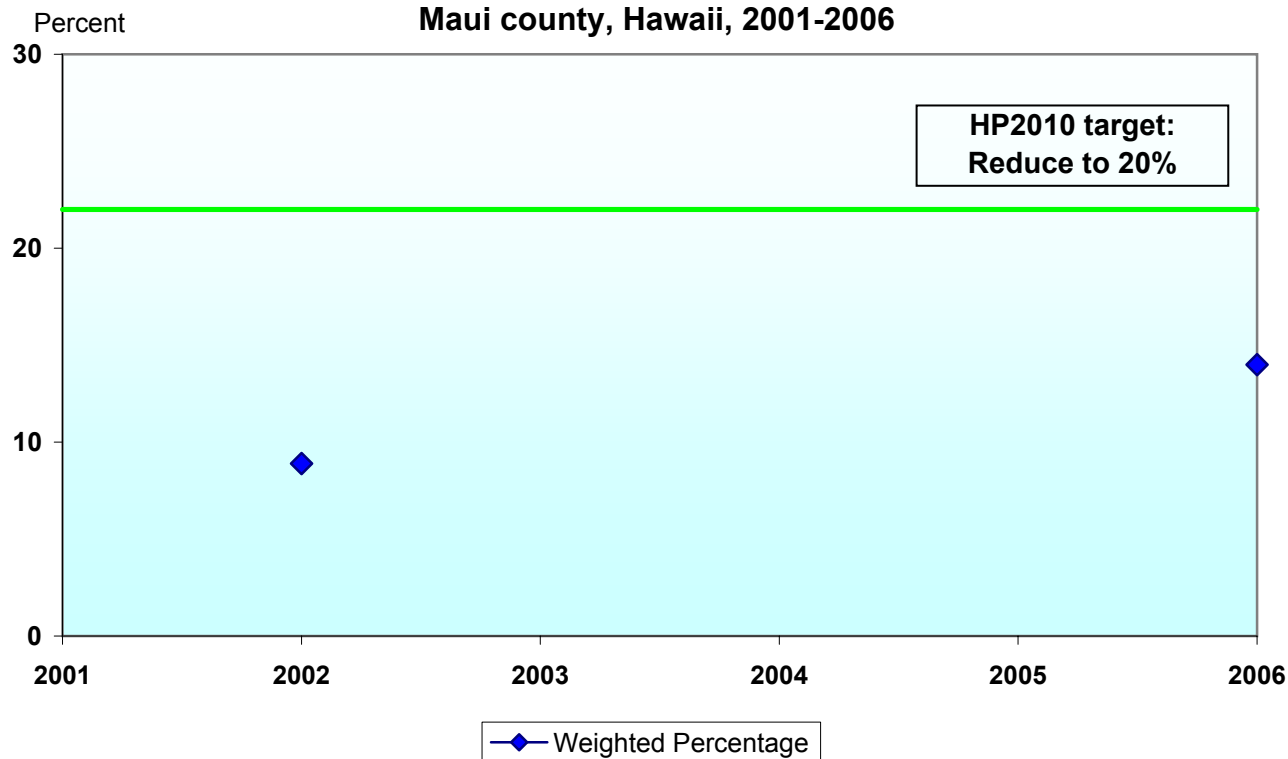


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	72	N/A	<i>less than 50</i>	N/A	84
Had all teeth extracted		5				8
Weight percentage		9.0				10.1
95% C.I.		(3.2 - 22.8)				(4.9 - 19.6)
GOAL (%)	22	22	22	22	22	22

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-4/ SUPPLEMENT 11

**Percent of adults, aged 65 to 74,
who had all natural teeth extracted
Maui county, Hawaii, 2001-2006**

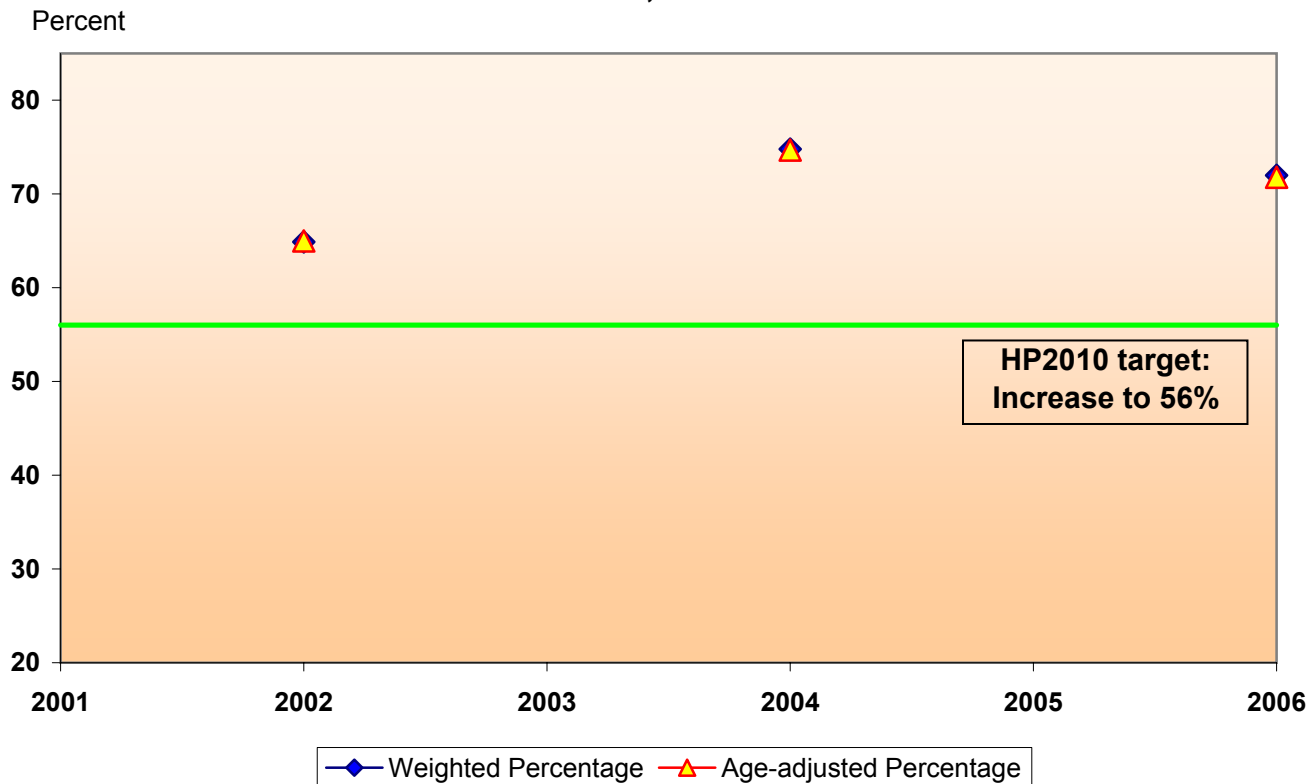


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	101	N/A	<i>less than 50</i>	N/A	169
Had all teeth extracted		10				22
Weight percentage		8.9				14.0
95% C.I.		(4.0 - 18.7)				(8.3 - 22.5)
GOAL (%)	22	22	22	22	22	22

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-10

**Percent of adults who use the oral health care system
Hawaii, 2001-2006**

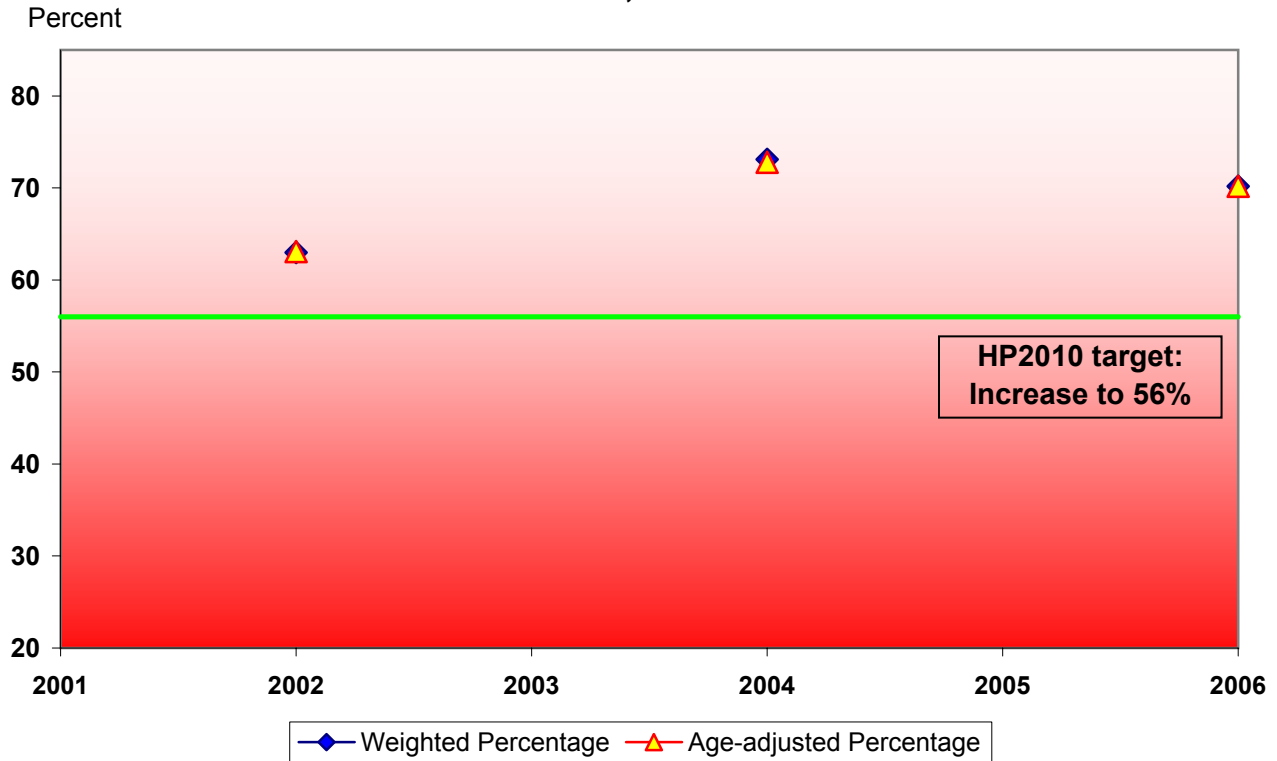


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	6000	N/A	2202	N/A	6564
Use the oral health care system		3900		1648		4816
Weight percentage		64.9		74.8		72
95% C.I.		(63.3 - 66.5)		(72.1 - 77.3)		(70.4 - 73.6)
Age-adjusted percentage		65.0		74.7		71.8
95% C.I.		(63.4 - 66.6)		(71.9 - 77.3)		(70.2 - 73.4)
GOAL (%)	56	56	56	56	56	56

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-10/ SUPPLEMENT 1

**Percent of men who use the oral health care system
Hawaii, 2001-2006**

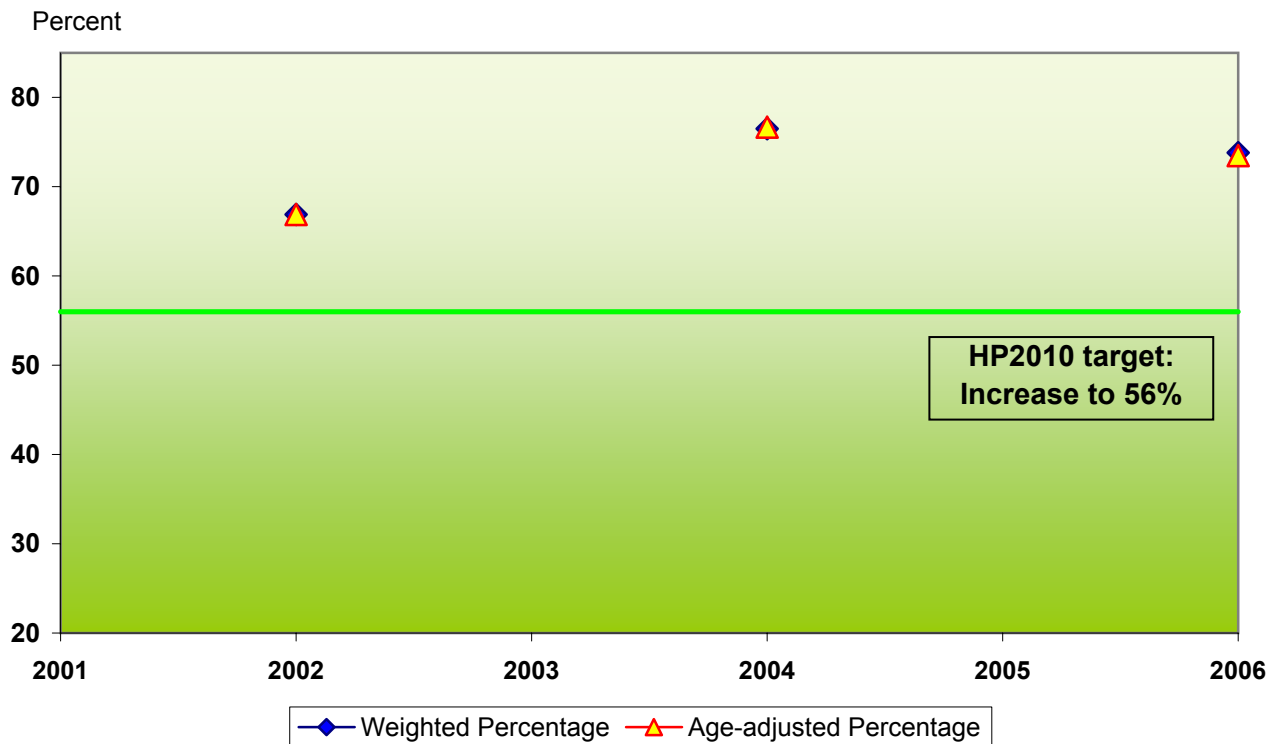


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	2605	N/A	861	N/A	2776
Use the oral health care system		1613		630		1972
Weight percentage		63.0		73.1		70.2
95% C.I.		(60.5 - 65.4)		(68.7 - 77.0)		(67.7 - 72.6)
Age-adjusted percentage		63.1		72.8		70.2
95% C.I.		(60.6 - 65.5)		(68.5 - 76.8)		(67.7 - 72.5)
GOAL (%)	56	56	56	56	56	56

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-10/ SUPPLEMENT 2

**Percent of women who use the oral health care system
Hawaii, 2001-2006**

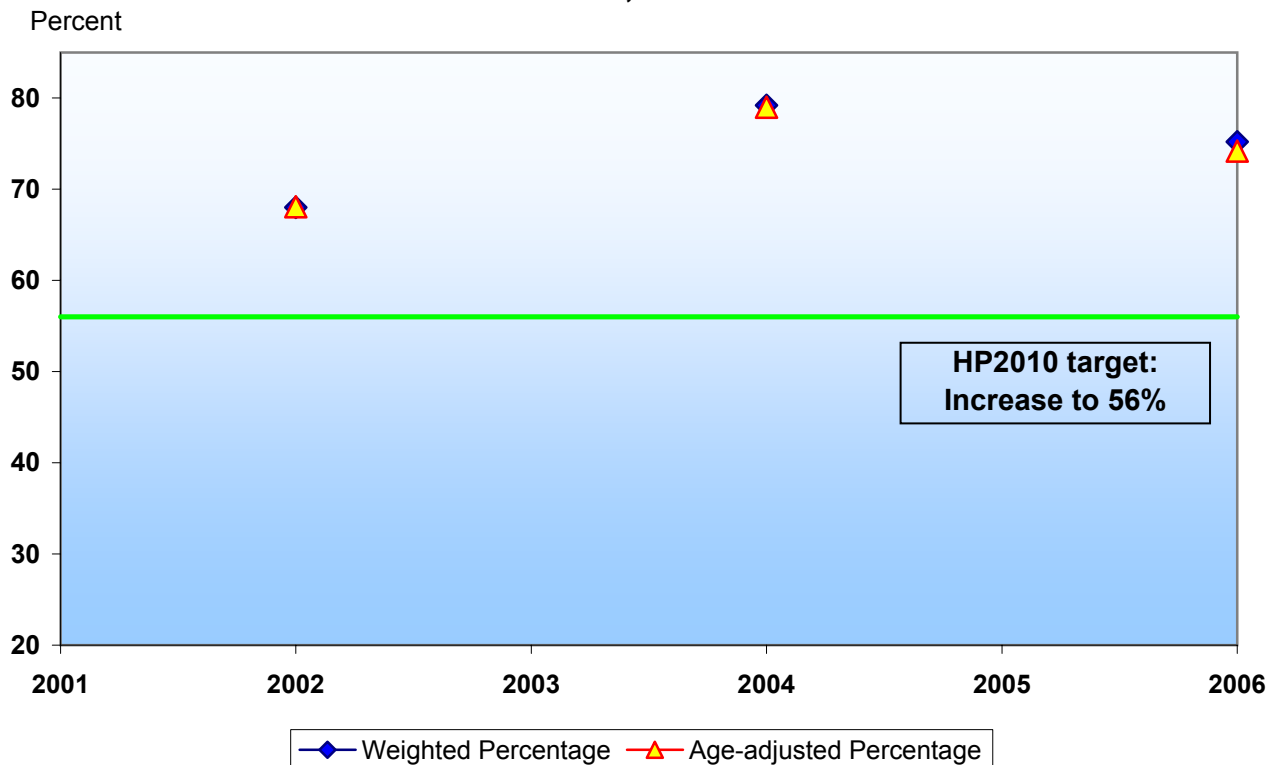


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	3395	N/A	1341	N/A	3788
Use the oral health care system		2287		1018		2844
Weight percentage		66.9		76.5		73.8
95% C.I.		(64.8 - 68.9)		(73.3 - 79.5)		(71.8 - 75.7)
Age-adjusted percentage		66.9		76.7		73.5
95% C.I.		(64.8 - 68.9)		(73.4 - 79.7)		(71.4 - 75.5)
GOAL (%)	56	56	56	56	56	56

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-10/ SUPPLEMENT 3

**Percent of White adults who use the oral health care system
Hawaii, 2001-2006**

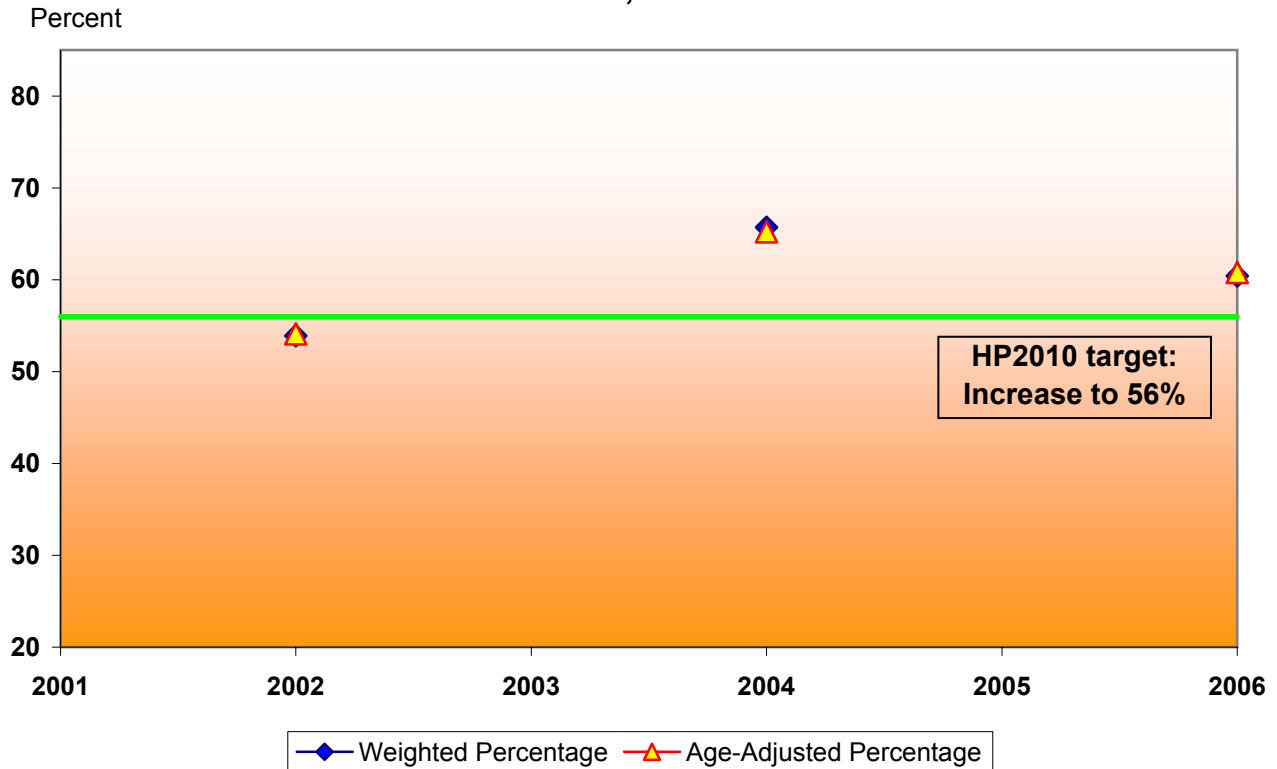


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	2481	N/A	863	N/A	2739
Use the oral health care system		1707		670		2079
Weight percentage		68.0		79.2		75.2
95% C.I.		(65.5 - 70.4)		(75.4 - 82.6)		(72.9 - 77.3)
Age-adjusted percentage		68.1		79.0		74.2
95% C.I.		(65.5 - 70.5)		(75.0 - 82.6)		(71.7 - 76.7)
GOAL (%)	56	56	56	56	56	56

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-10/ SUPPLEMENT 4

**Percent of Hawaiians who use the oral health care system
Hawaii, 2001-2006**

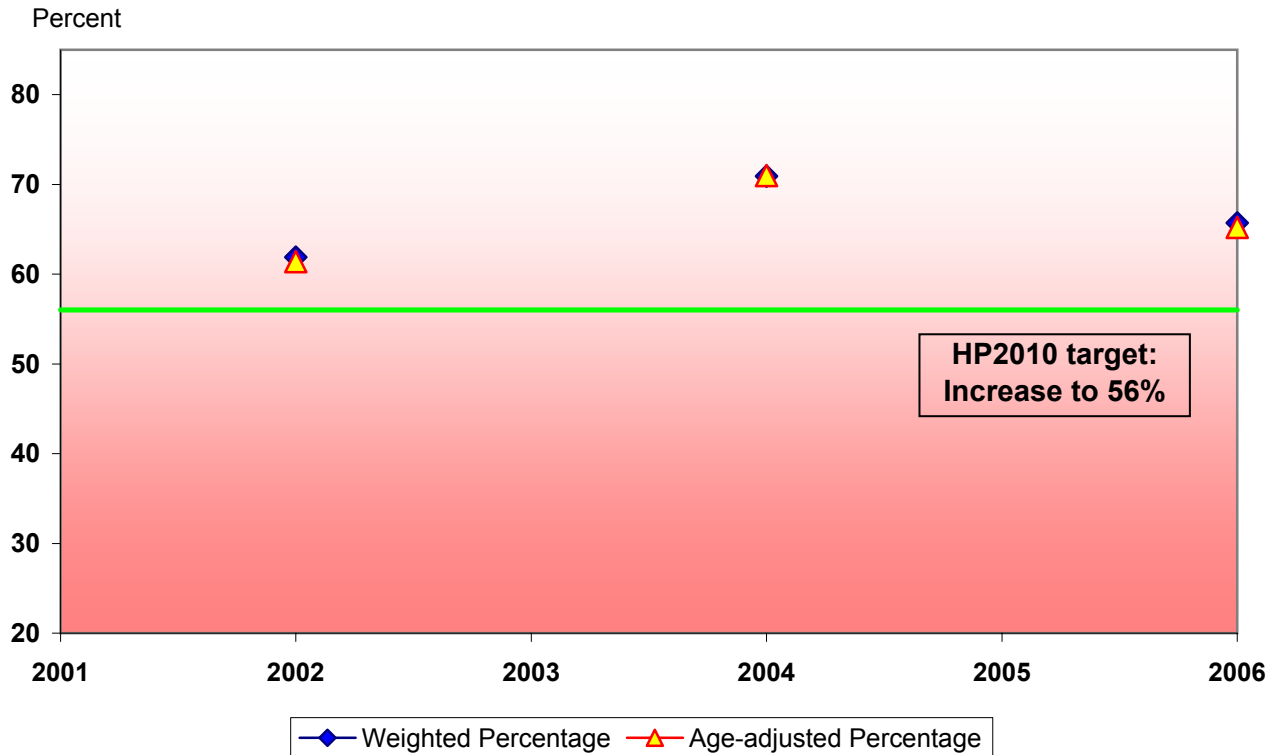


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	771	N/A	363	N/A	796
Use the oral health care system		402		248		500
Weight percentage		53.9		65.7		60.4
95% C.I.		(49.0 - 58.7)		(58.5 - 72.3)		(55.3 - 65.3)
Age-adjusted percentage		54.1		65.2		60.8
95% C.I.		(49.3 - 58.8)		(58.0 - 71.8)		(56.1 - 65.3)
GOAL (%)	56	56	56	56	56	56

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-10/ SUPPLEMENT 5

**Percent of Filipinos who use the oral health care system
Hawaii, 2001-2006**

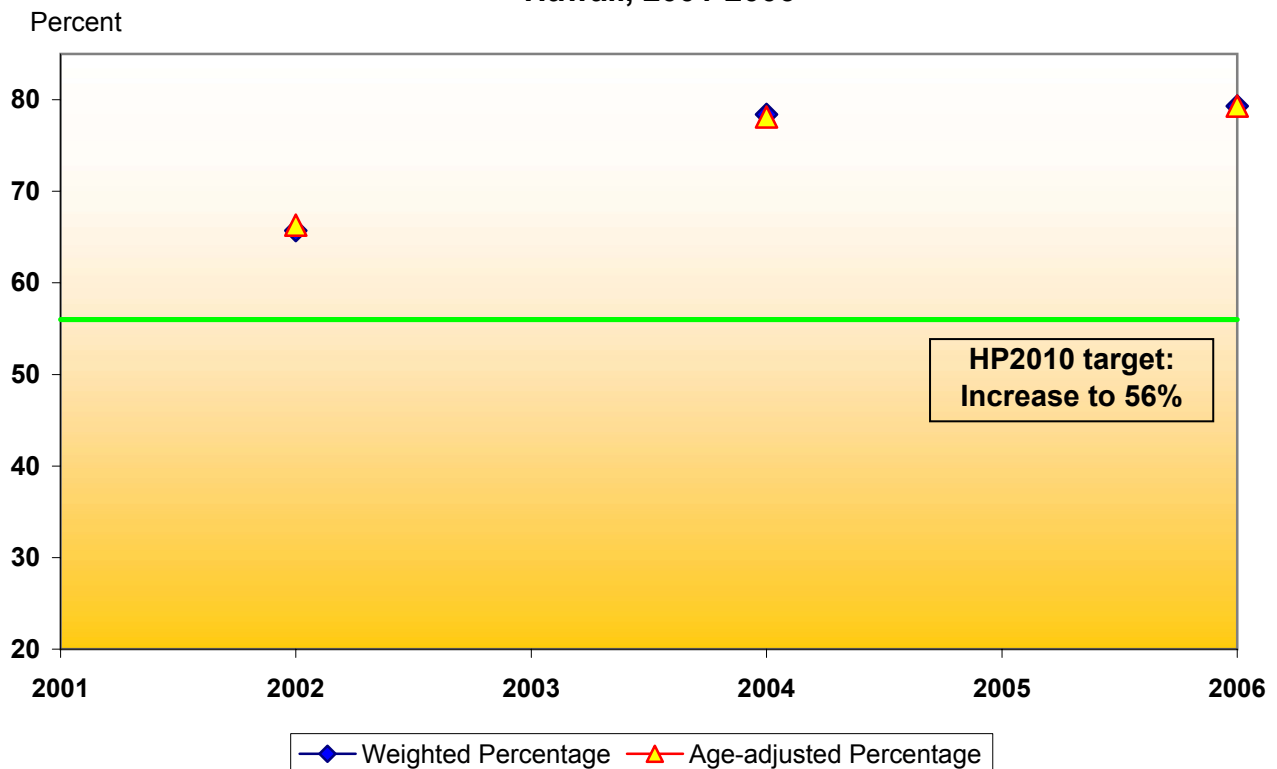


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	775	N/A	280	N/A	792
Use the oral health care system		470		199		520
Weight percentage		61.9		70.9		65.7
95% C.I.		(57.2 - 66.3)		(62.7 - 77.9)		(60.6 - 70.4)
Age-adjusted percentage		61.4		71.0		65.2
95% C.I.		(56.8 - 65.7)		(63.0 - 77.9)		(60.3 - 69.7)
GOAL (%)	56	56	56	56	56	56

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-10/ SUPPLEMENT 6

**Percent of Japanese who use the oral health care system
Hawaii, 2001-2006**

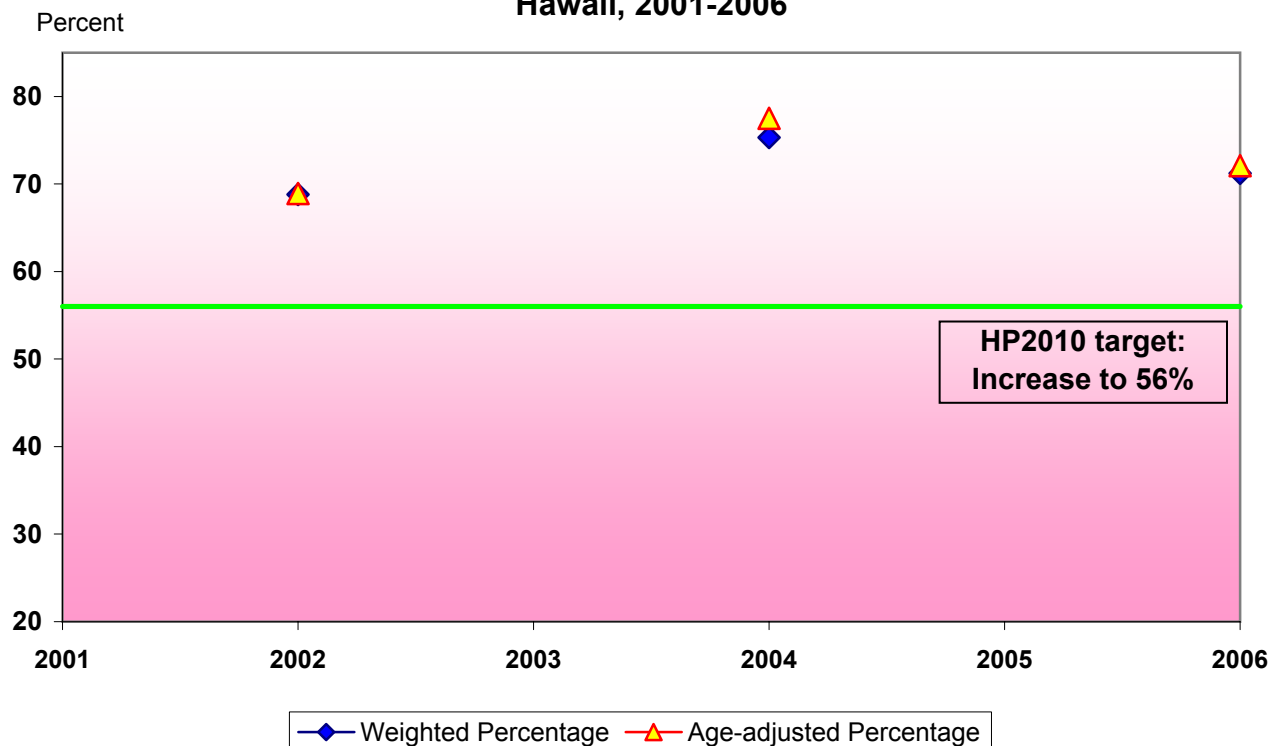


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	1168	N/A	444	N/A	1287
Use the oral health care system		767		347		1024
Weight percentage		65.7		78.4		79.3
95% C.I.		(62.2 - 69.0)		(73.1 - 82.8)		(76.4 - 82.0)
Age-adjusted percentage		66.3		78.1		79.3
95% C.I.		(62.5 - 69.9)		(71.8 - 83.3)		(75.8 - 82.4)
GOAL (%)	56	56	56	56	56	56

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-10/ SUPPLEMENT 7

**Percent of adults of other races
who use the oral health care system
Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	805	N/A	252	N/A	950
Use the oral health care system		554		184		693
Weight percentage		68.8		75.3		71.2
95% C.I.		(64.5 - 72.7)		(66.4 - 82.6)		(67.1 - 75.1)
Age-adjusted percentage		68.9		77.5		72.1
95% C.I.		(64.8 - 72.7)		(70.9 - 82.9)		(68.3 - 75.7)
GOAL (%)	56	56	56	56	56	56

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-10/ SUPPLEMENT 8

**Percent of adults, in low income households,
who use the oral health care system
Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	695	N/A	254	N/A	702
Use the oral health care system		389		153		386
Weight percentage		59.9		61.1		58.4
95% C.I.		(54.7 - 64.8)		(52.0 - 69.4)		(53.0 - 63.6)
Age-adjusted percentage		58.8		61.0		58.2
95% C.I.		(53.7 - 63.7)		(52.3 - 69.1)		(52.8 - 63.3)
GOAL (%)	56	56	56	56	56	56

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-10/ SUPPLEMENT 9

**Percent of adults, with less education, who use the oral health care system
Hawaii, 2001-2006**

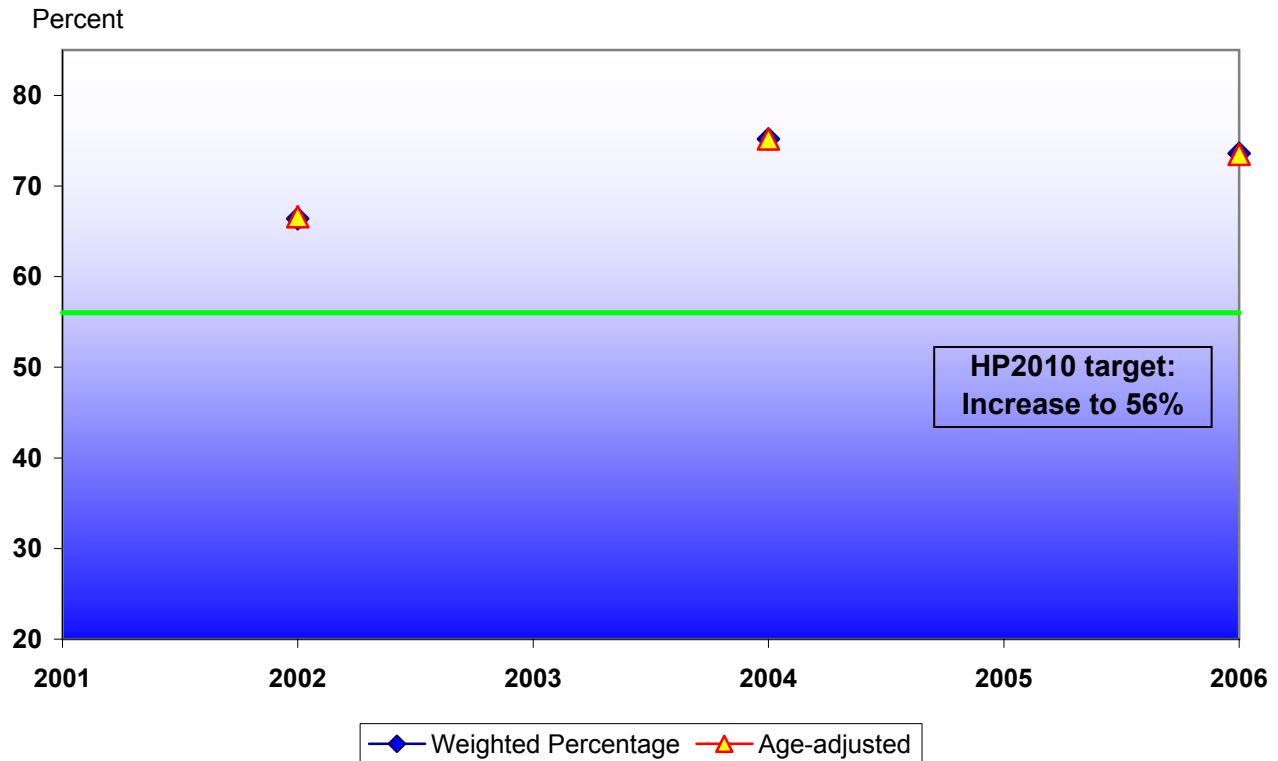


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	376	N/A	120	N/A	383
Use the oral health care system		174		65		203
Weight percentage		47.6		58.3		46.6
95% C.I.		(40.8 - 54.6)		(44.5 - 71.0)		(39.8 - 53.6)
Age-adjusted percentage		54.1		65.4		44.3
95% C.I.		(45.7 - 62.3)		(52.7 - 76.2)		(36.7 - 52.1)
GOAL (%)	56	56	56	56	56	56

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-10/ SUPPLEMENT 10

Percent of adults who use the oral health care system
Honolulu county, Hawaii, 2001-2006

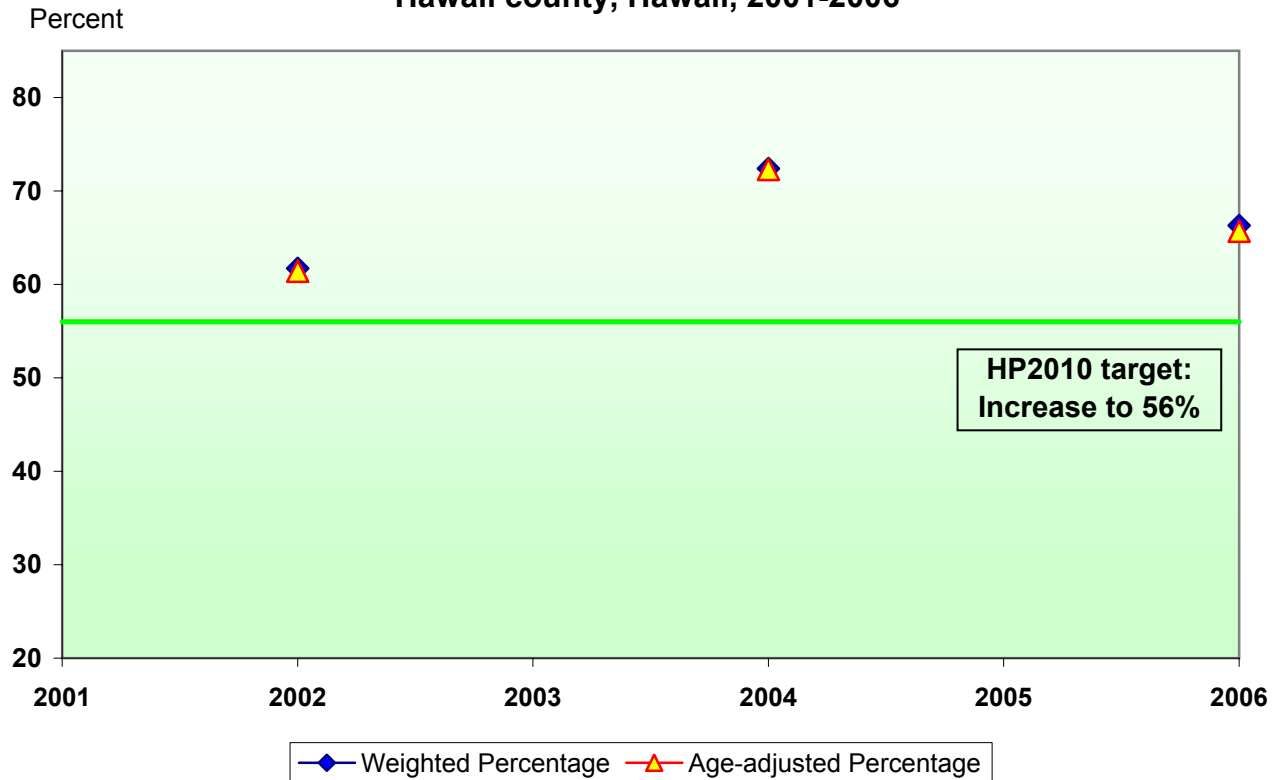


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	2812	N/A	938	N/A	3017
Use the oral health care system		1914		709		2310
Weight percentage		66.4		75.2		73.6
95% C.I.		(64.3 - 68.5)		(71.6 - 78.4)		(71.6 - 75.6)
Age-adjusted percentage		66.6		75.2		73.5
95% C.I.		(64.5 - 68.6)		(71.6 - 78.4)		(71.4 - 75.5)
GOAL (%)	56	56	56	56	56	56

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-10/ SUPPLEMENT 11

Percent of adults who use the oral health care system
Hawaii county, Hawaii, 2001-2006

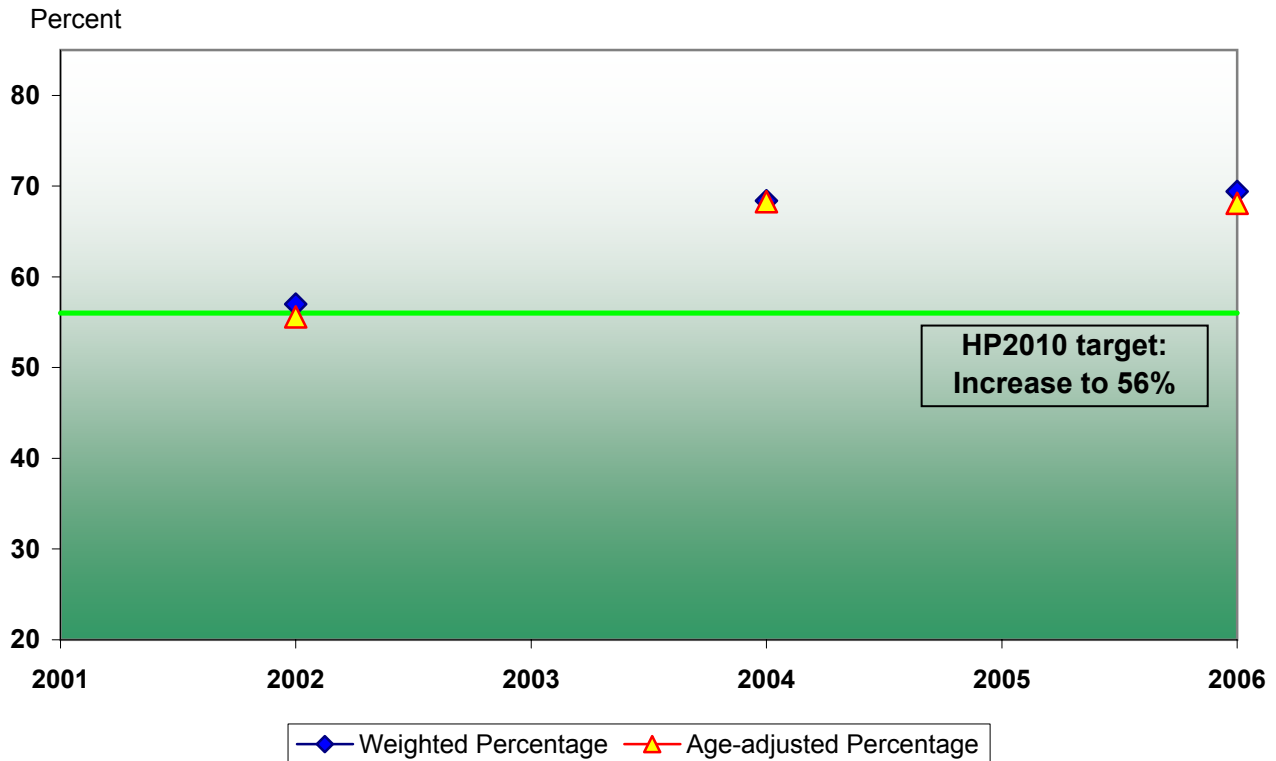


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	1379	N/A	564	N/A	1394
Use the oral health care system		874		408		962
Weight percentage		61.7		72.4		66.3
95% C.I.		(58.6 - 64.8)		(67.6 - 76.7)		(63.1 - 69.5)
Age-adjusted percentage		61.4		72.3		65.7
95% C.I.		(58.1 - 64.6)		(67.1 - 77.0)		(62.4 - 68.9)
GOAL (%)	56	56	56	56	56	56

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-10/ SUPPLEMENT 12

**Percent of adults who use the oral health care system
Kauai county, Hawaii, 2001-2006**

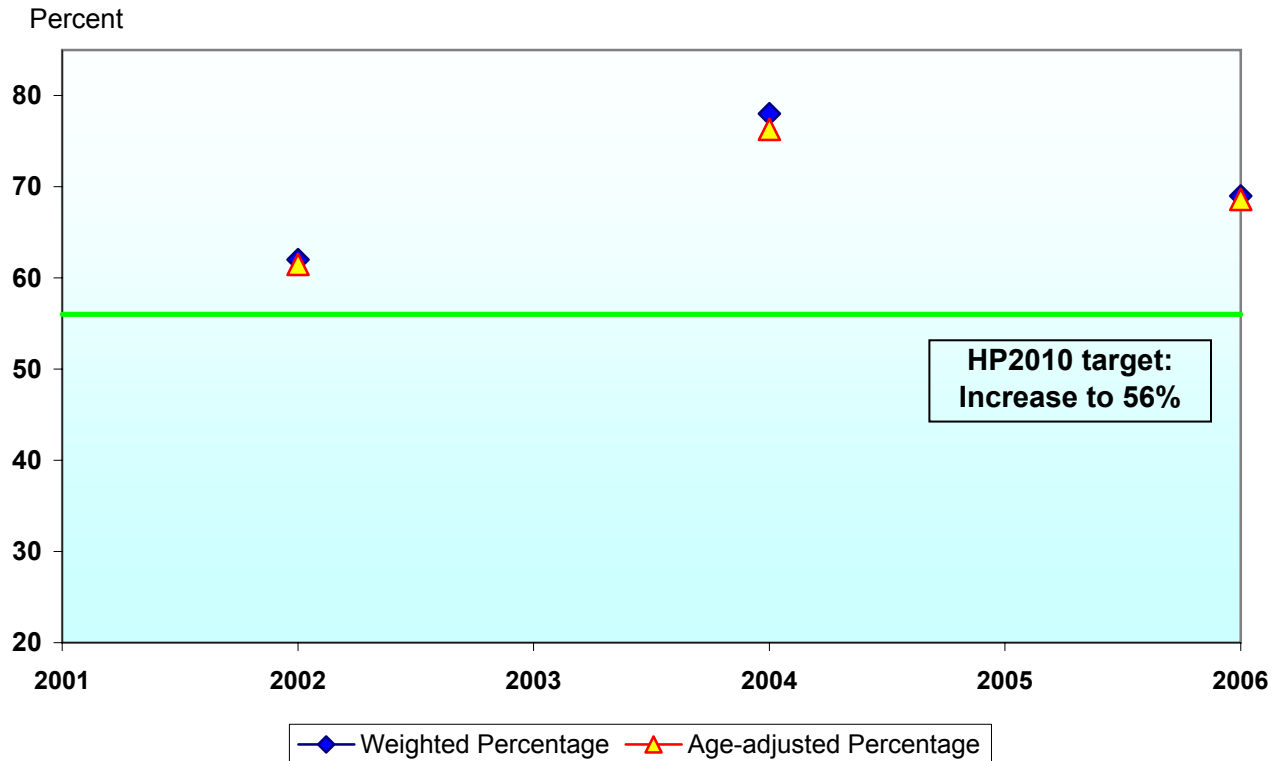


YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	601	N/A	289	N/A	665
Use the oral health care system		371		211		489
Weight percentage		57.0		68.4		69.4
95% C.I.		(52.2 - 61.6)		(61.4 - 74.6)		(64.5 - 73.8)
Age-adjusted percentage		55.6		68.3		68.1
95% C.I.		(50.8 - 60.4)		(61.2 - 74.6)		(63.2 - 72.7)
GOAL (%)	56	56	56	56	56	56

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 21-10/ SUPPLEMENT 13

**Percent of adults who use the oral health care system
Maui county, Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	N/A	1208	N/A	411	N/A	1488
Use the oral health care system		741		320		1055
Weight percentage		62.0		78.0		69.0
95% C.I.		(58.6 - 65.3)		(71.9 - 83.2)		(65.5 - 72.3)
Age-adjusted percentage		61.5		76.3		68.6
95% C.I.		(58.0 - 64.8)		(70.2 - 81.6)		(65.0 - 72.0)
GOAL (%)	56	56	56	56	56	56

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

PHYSICAL ACTIVITY

We can use HBRFSS data to track three following objectives.

Objective 22-1: Reduce the proportion of adults who engage in no leisure-time physical activity to 20%

Question used to obtain the data: During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?

Statewide since 2001, we had a good record for having fewer than 20% of adults having no leisure time physical activity, except for 20.4% in 2004.

However, there are significant differences between the four main ethnic groups in Hawaii (Figure 22a). Filipinos have always been far behind the others since 2001 and have 28.8% with no leisure time physical activity in 2006. In contrast, White people always had the lowest percentage. Japanese and Hawaiians were around 20% in recent years. However, these latter groups are trending up a little; they share the same trend line as shown in figure 22a.

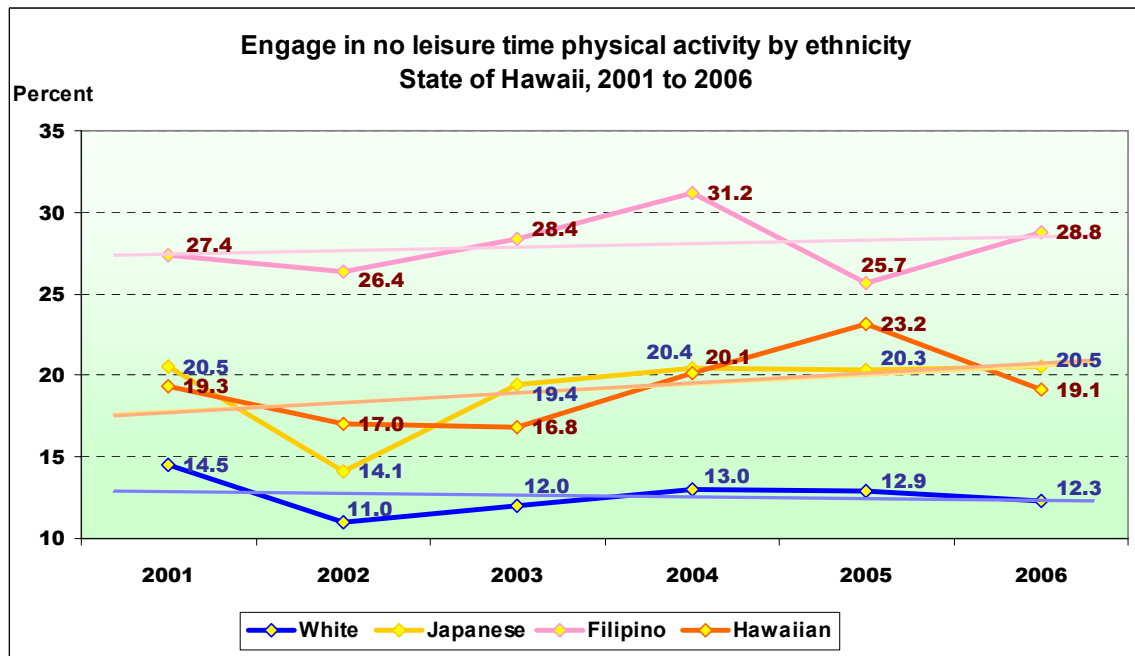


Fig. 22a

In addition, there are differences in proportion of engaging in leisure time physical activity by gender, household income, and education level. The proportion of men who have no leisure time physical activity is always significantly lower than it is for women at alpha=5% test criterion (Figure 22b).

PHYSICAL ACTIVITY

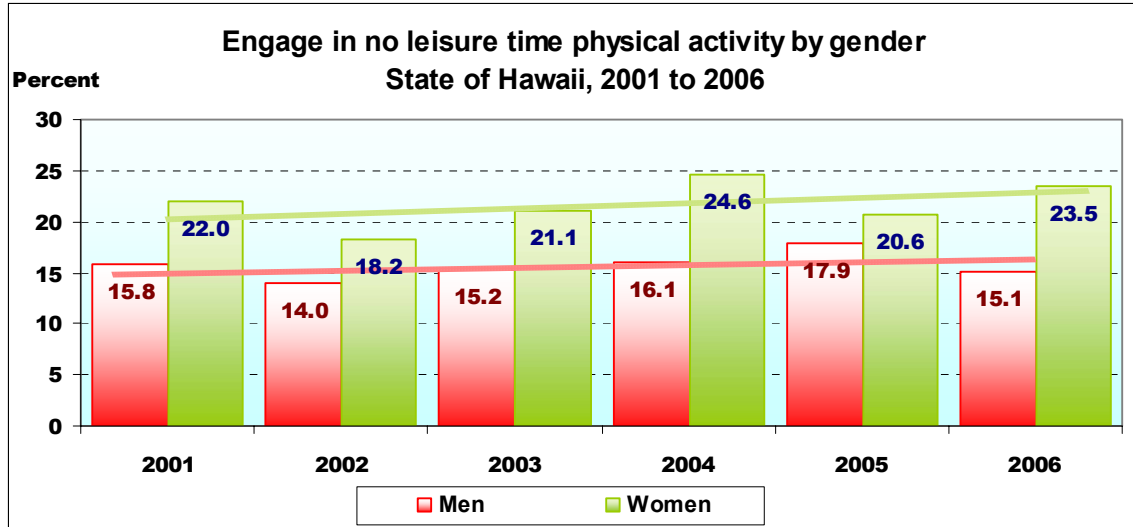


Fig. 22b

Among people with low-income household, the percentage of having no leisure time physical activity is much higher compared to that of those with better income. The difference in this subject between these two groups is widening. We also find that it is statistically significant at alpha=1% test criterion since 2001 (Figure 22c)

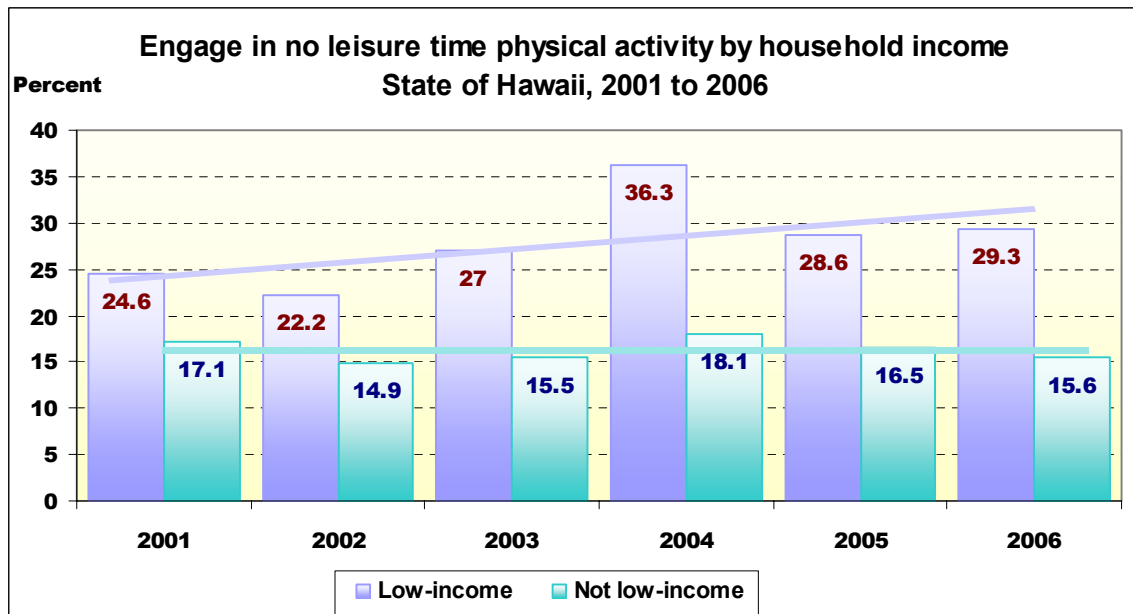


Fig. 22c

By education, the gap in having no leisure time physical activity among people with less than High School education and those with at least High School education seems steady wide as shown in Figure 22d. In every observed year, except 2004, the proportion for group with higher education level is much lower than it is for the other and the difference is statistically significant at alpha=1% criterion test.

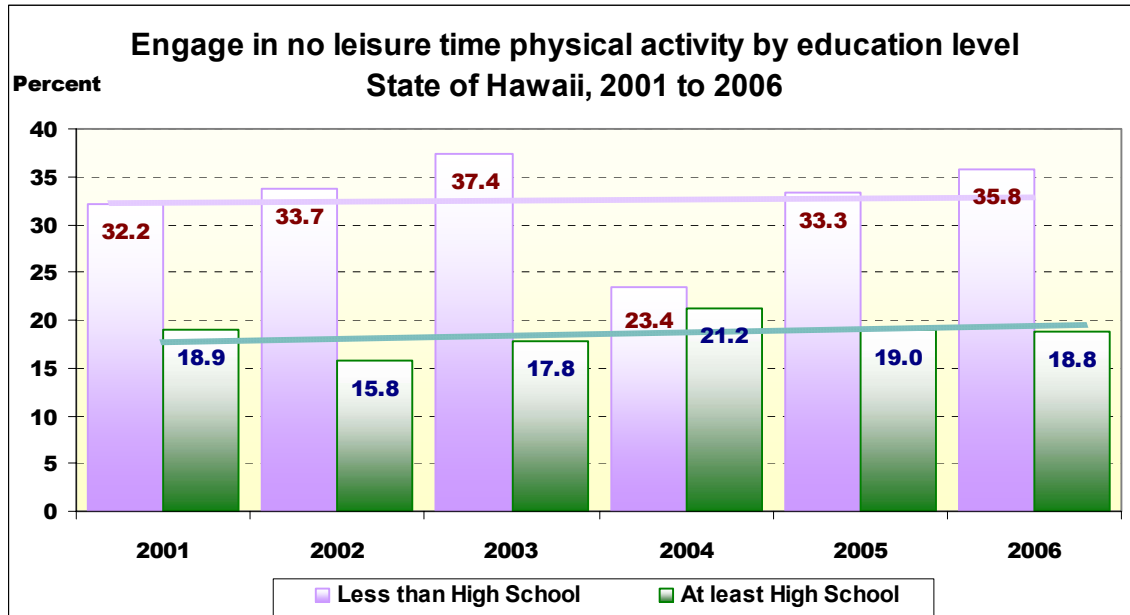


Fig. 22d

Objective 22-2: Increase the proportion of adults who engage regularly, preferably daily, in moderate physical activity for at least 30 minutes per day to **50%** (revised from 30%)

Questions used to obtain the data:

How many days per week do you do these moderate activities for at least 10 minutes at a time?

On days when you do moderate activities for at least 10 minutes at a time, how much total time per day do you spend doing these activities?

Objective 22-3: Increase the proportion of adults who engage in vigorous physical activity that promotes the development and maintenance of cardiorespiratory fitness 3 or more days per week for 20 or more minutes per occasion to **30%**

Questions used to obtain the data:

How many days per week do you do these vigorous activities for at least 10 minutes at a time?

On days when you do vigorous activities for at least 10 minutes at a time, how much total time per day do you spend doing these activities?

We did not ask the questions about moderate or vigorous physical activity in 2006.

The five-year data from 2001 to 2005 show that we have almost achieved these two goals at state level (Figure 22e).

PHYSICAL ACTIVITY

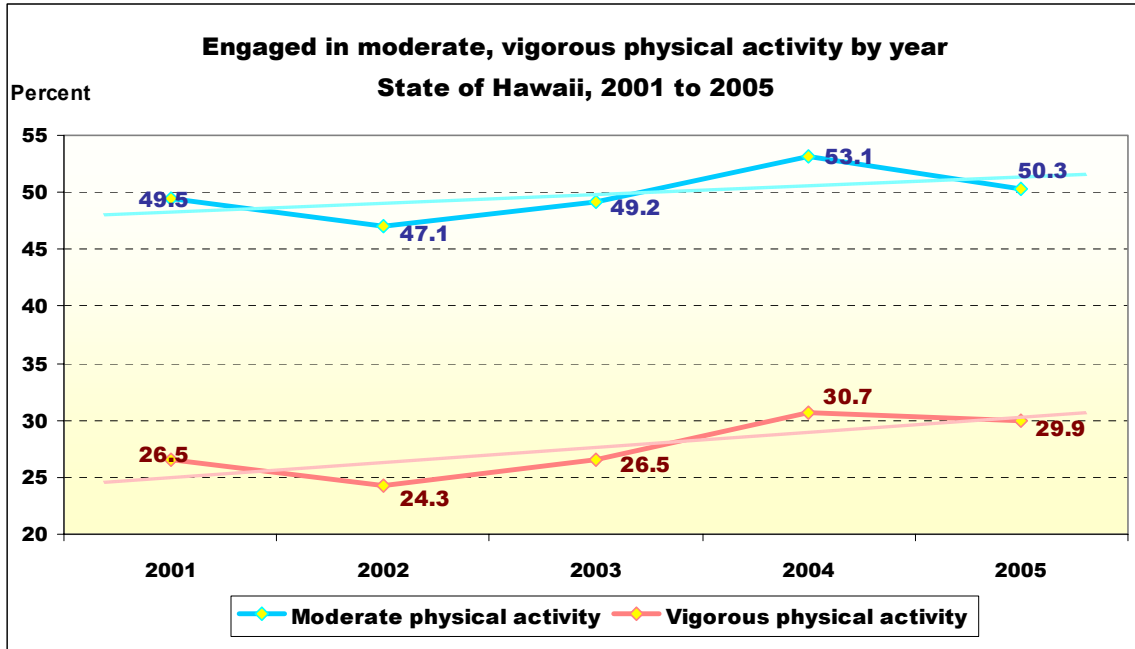


Fig. 22e

By gender, except the year of 2004, the proportion of women who engaged in moderate physical activity is statistically different from the men's proportion at alpha=1% criterion test. However, women in Hawaii are closing the gender gap in moderate physical activity as reflected in Figure 22f.

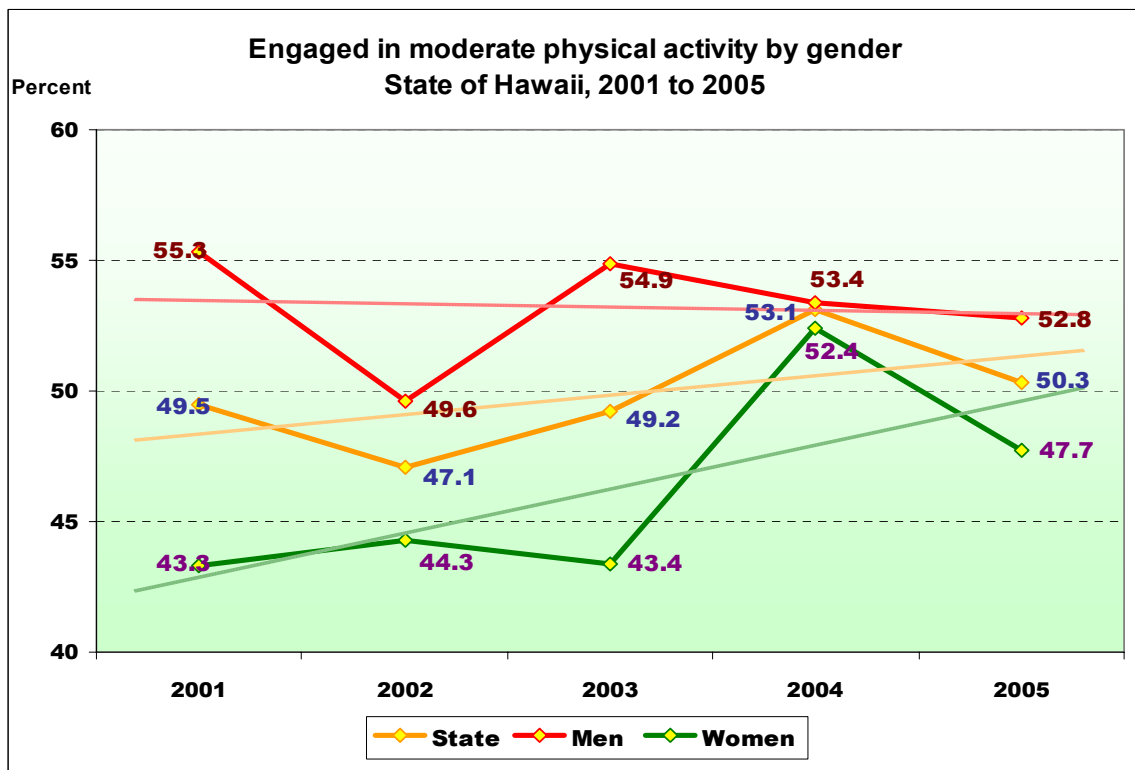


Fig. 22f

About engaging in vigorous physical activity, men have surpassed the goal of 30% but women have not. Since 2001, the percentage of women who engaged in vigorous physical activity is significantly lower than that of men. In spite of that, women's prevalence rate is also trending up as men's (Figure 22g).

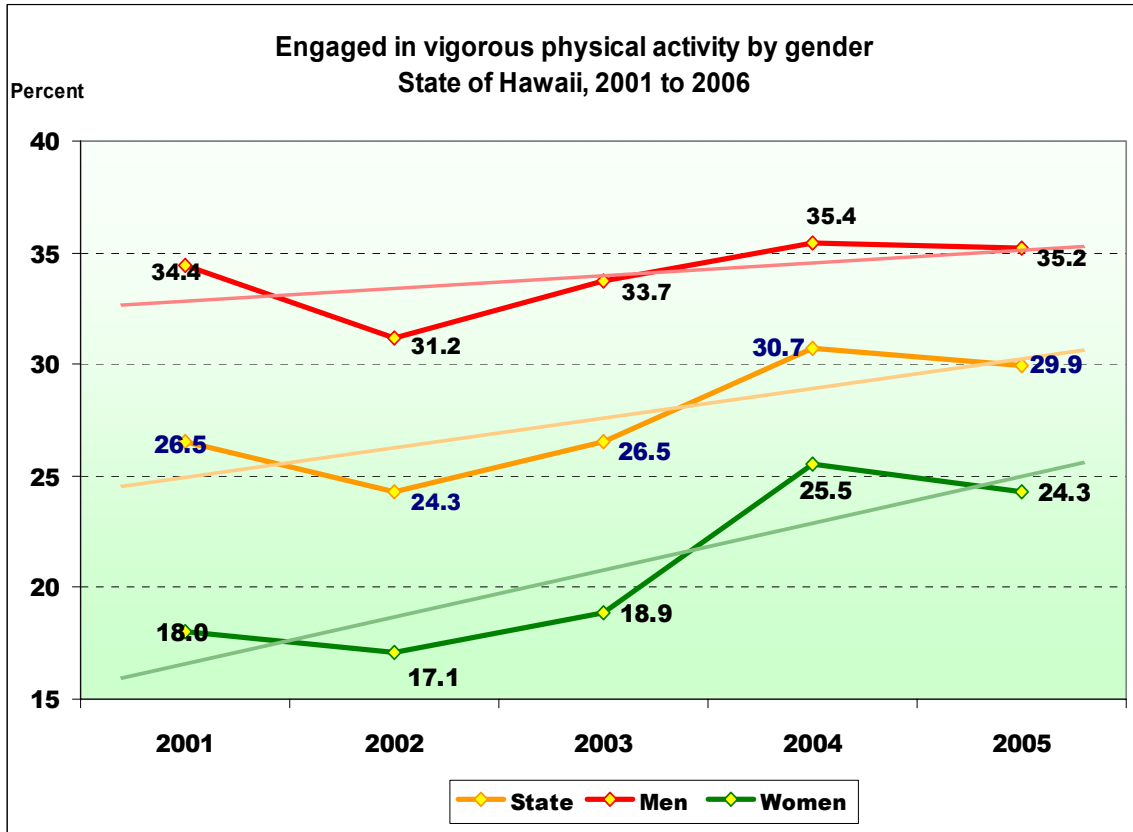


Fig. 22g

Looking at ethnicity, White people always had the best result of engaged in moderate or vigorous physical activity. From 2001 to 2005, the White prevalence rates are significantly different from those for Japanese, Hawaiians and Filipinos. In contrast, Filipinos had the lowest percentages in having moderate or vigorous physical activity and they are considerably lower than those for Hawaiians or Japanese in the same time period (Figure 22h, 22i).

**Engaged in moderate physical activity by ethnicity
State of Hawaii, 2001 to 2005**

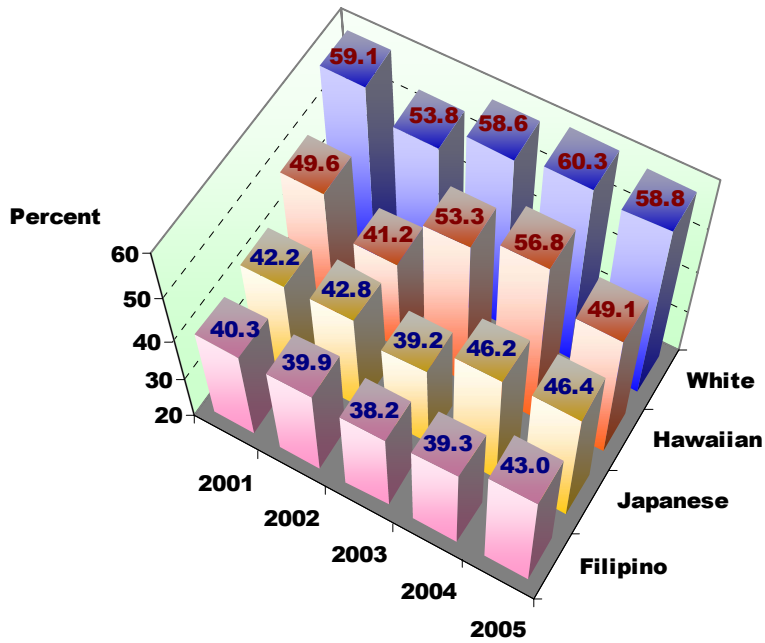


Fig. 22h

**Engaged in vigorous physical activity by ethnicity
State of Hawaii, 2001 to 2005**

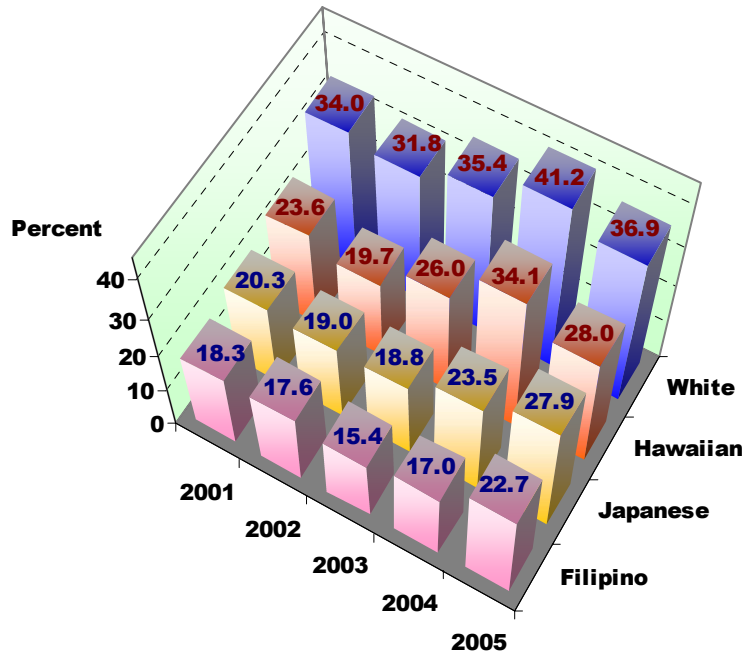


Fig. 22i

Overall, adults in low income households or with less education have lower participation in vigorous physical activity compared to those who are in higher income group or better educated. However, the difference is narrowing as reflected in Figure 22i and Figure 22k. The percent of adults in low income households or with less education who engaged in vigorous physical activity gradually increased from 2001 to 2005. In contrast, the proportion of those in better income group or better educated remains steady or shows very slow increase.

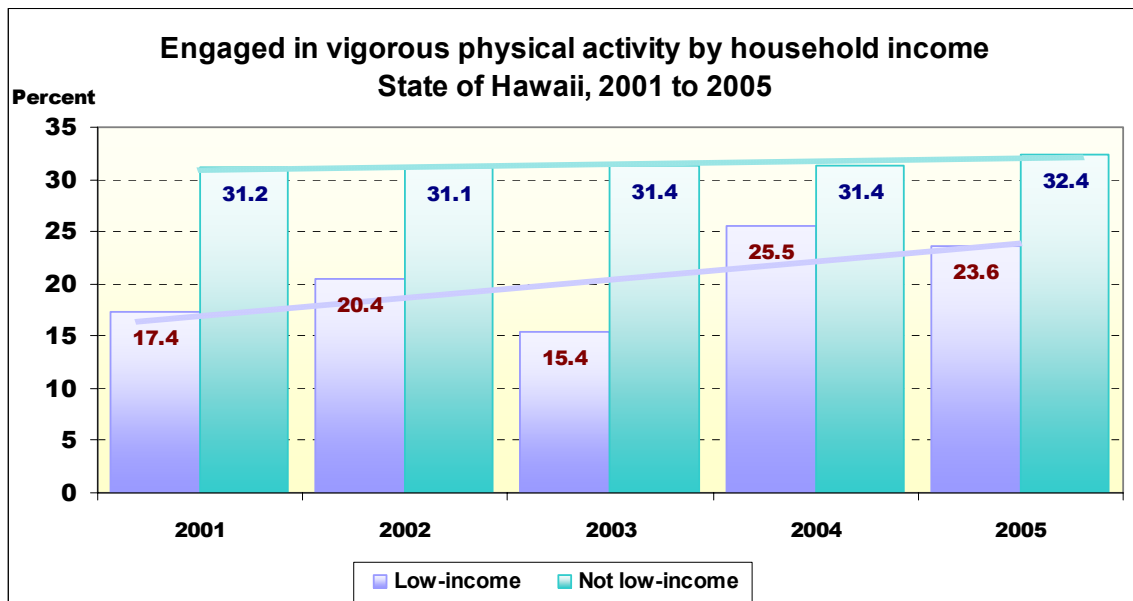


Fig. 22i

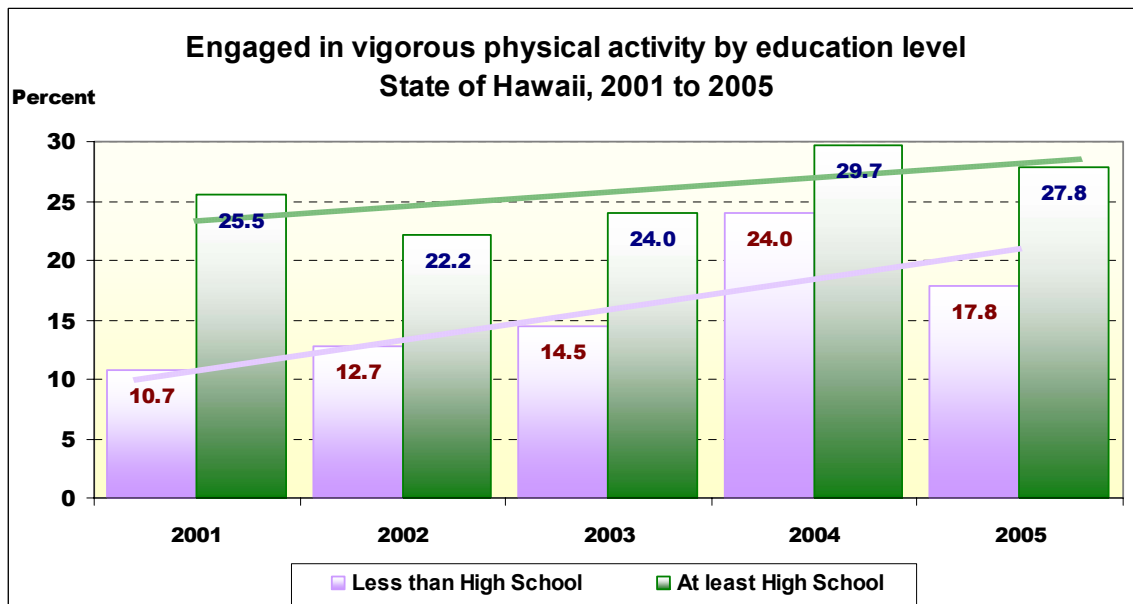
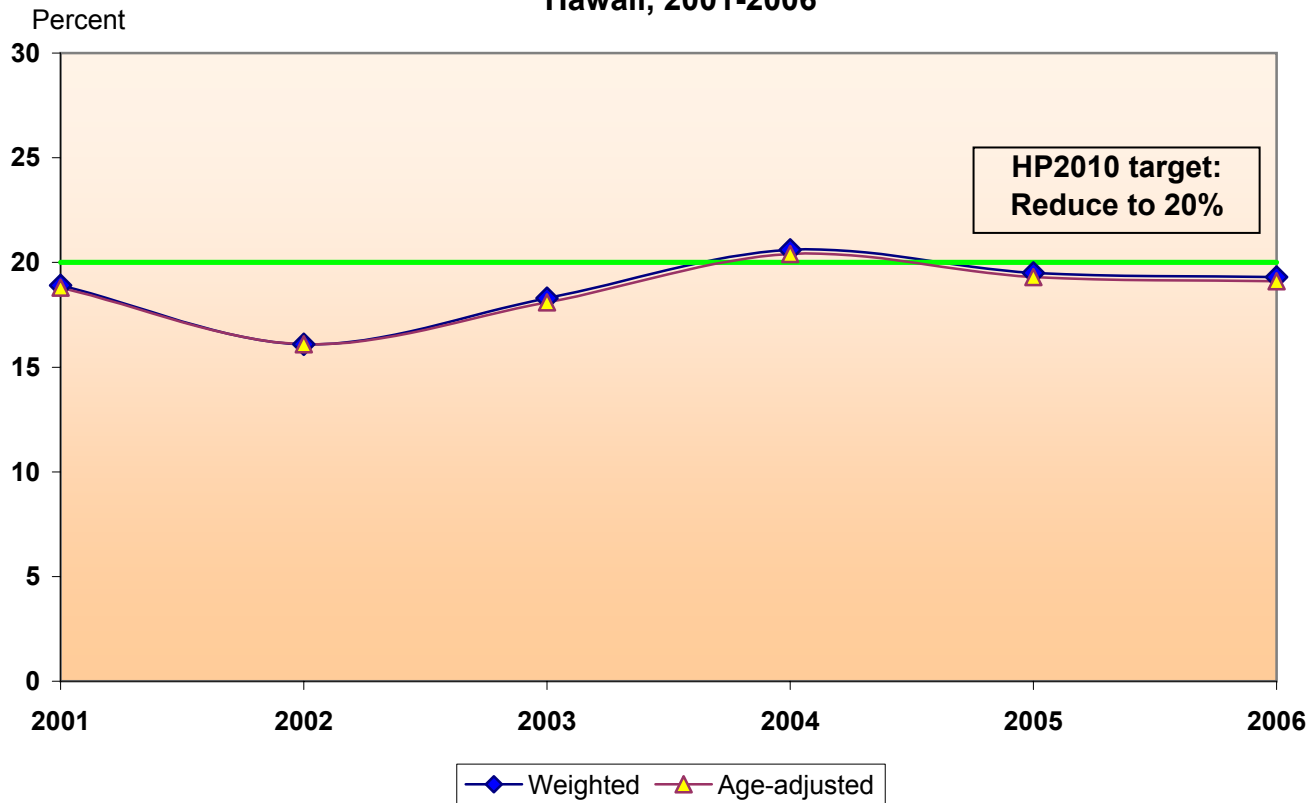


Fig. 22k

OBJECTIVE 22-1

**Percent of adults who engage in no leisure-time physical activity
Hawaii, 2001-2006**

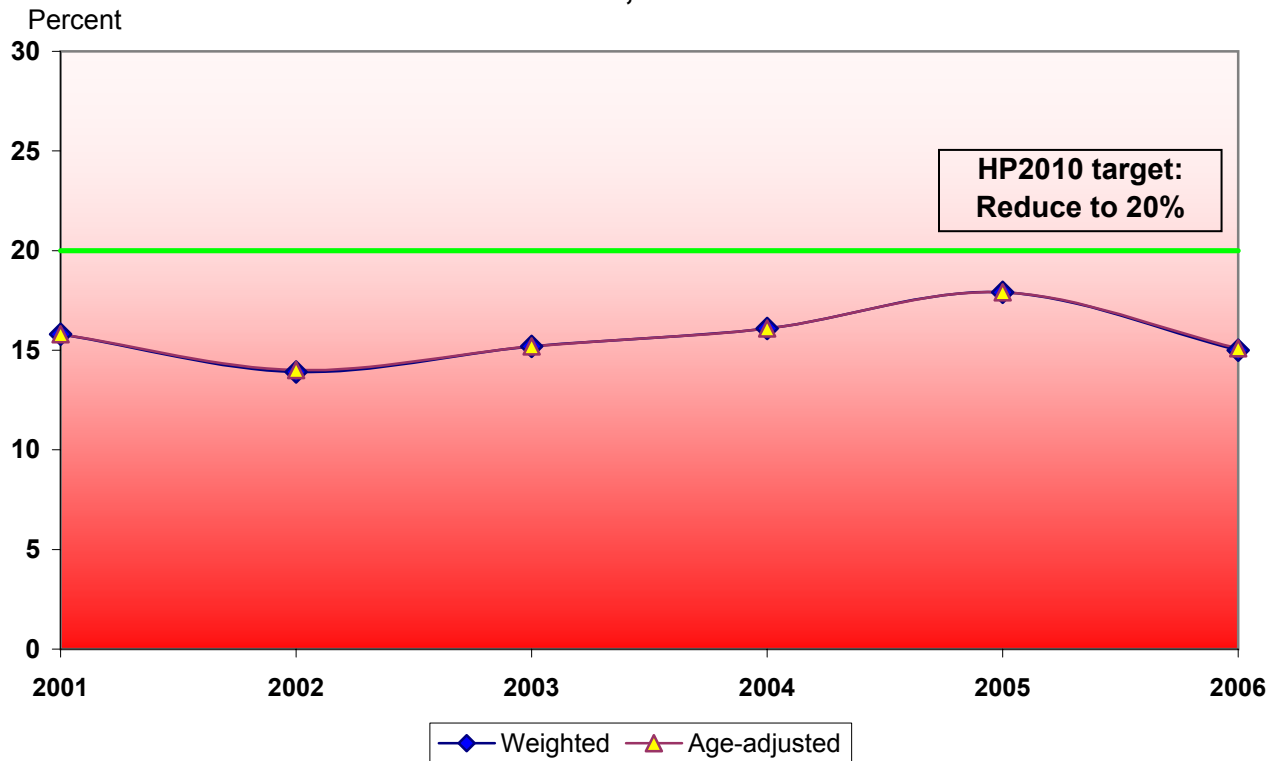


YEAR	2001	2002	2003	2004	2005	2006
Sample size	4500	6000	4339	2202	6416	6564
Have no leisure-time physical activity	858	1013	799	471	1237	1211
Weight percentage	18.9	16.1	18.3	20.6	19.5	19.3
95% C.I.	(17.4 - 20.5)	(14.9 - 17.4)	(16.9 - 19.8)	(18.4 - 23.1)	(18.2 - 20.8)	(18.0 - 20.6)
Age-adjusted percentage	18.8	16.1	18.1	20.4	19.3	19.1
95% C.I.	(17.3 - 20.4)	(14.9 - 17.3)	(16.7 - 19.6)	(18.2 - 22.8)	(17.9 - 20.6)	(17.8 - 20.5)
GOAL (%)	20	20	20	20	20	20

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-1/ SUPPLEMENT 1

**Percent of men who engage in no leisure-time physical activity
Hawaii, 2001-2006**

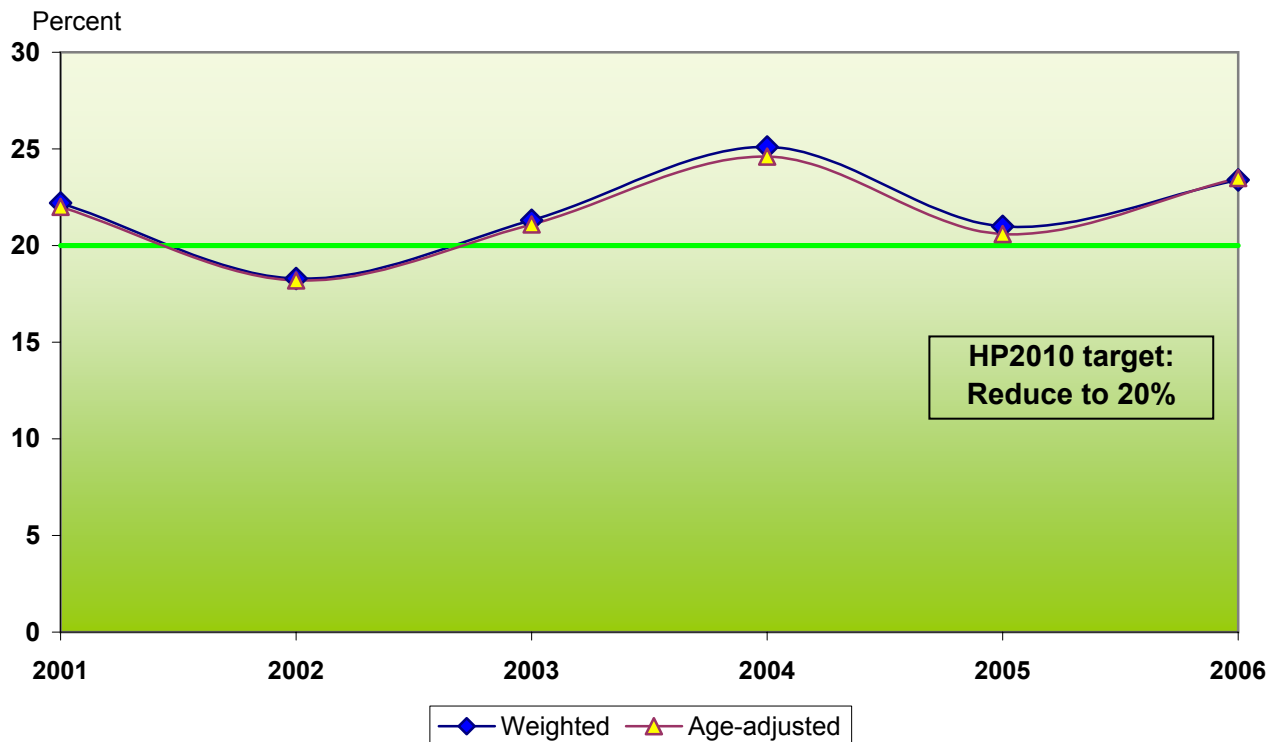


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1937	2605	1761	861	2577	2776
Have no leisure-time physical activity	317	371	263	153	445	453
Weight percentage	15.8	13.9	15.2	16.1	17.9	15.0
95% C.I.	(13.7 - 18.0)	(12.3 - 15.7)	(13.2 - 17.6)	(13.1 - 19.5)	(15.9 - 20.0)	(13.3 - 16.8)
Age-adjusted percentage	15.8	14.0	15.2	16.1	17.9	15.1
95% C.I.	(13.8 - 18.1)	(12.4 - 15.8)	(13.2 - 17.5)	(13.2 - 19.6)	(15.9 - 20.0)	(13.4 - 16.9)
GOAL (%)	20	20	20	20	20	20

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-1/ SUPPLEMENT 2

**Percent of women who engage in no leisure-time physical activity
Hawaii, 2001-2006**

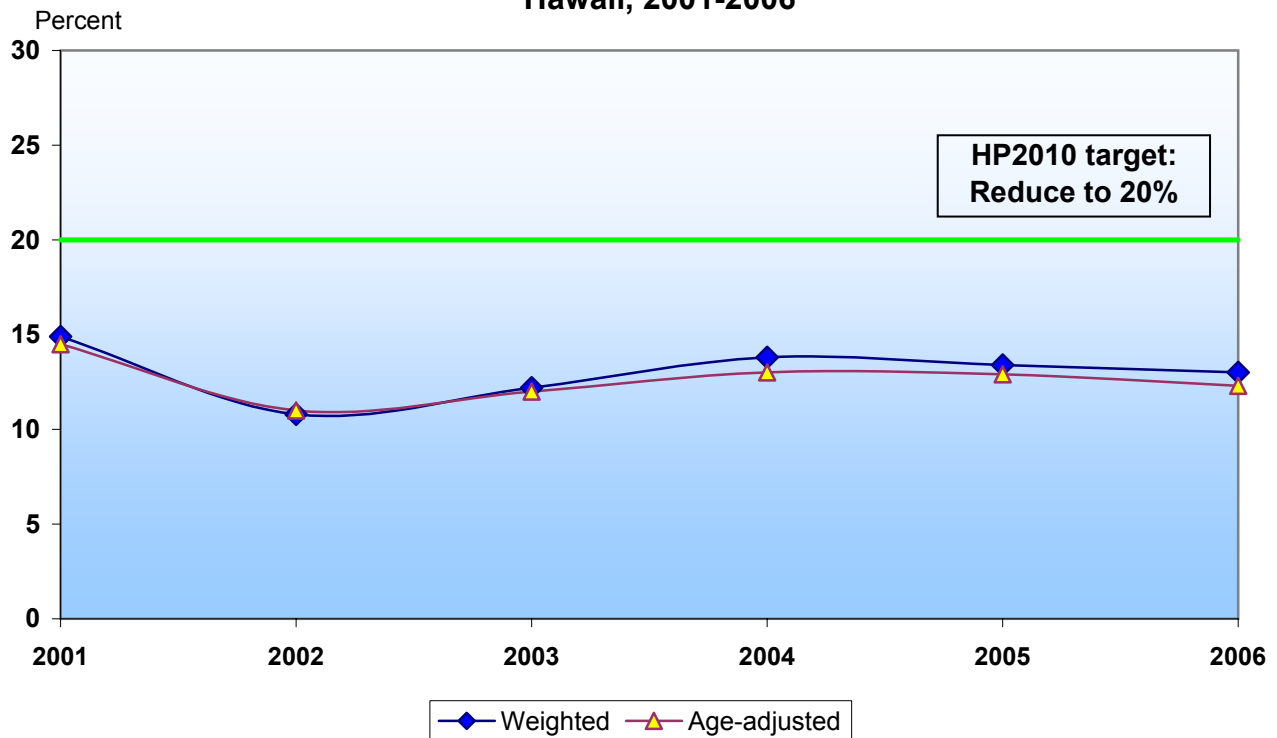


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2563	3395	2578	1341	3839	3788
Have no leisure-time physical activity	541	642	536	318	792	758
Weight percentage	22.2	18.3	21.3	25.1	21.0	23.4
95% C.I.	(20.0 - 24.5)	(16.7 - 20.1)	(19.4 - 23.4)	(21.9 - 28.6)	(19.3 - 22.8)	(21.6 - 25.4)
Age-adjusted percentage	22.0	18.2	21.1	24.6	20.6	23.5
95% C.I.	(19.8 - 24.2)	(16.6 - 20.0)	(19.2 - 23.2)	(21.5 - 28.1)	(18.9 - 22.3)	(21.5 - 25.6)
GOAL (%)	20	20	20	20	20	20

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-1/ SUPPLEMENT 3

**Percent of White adults
who engage in no leisure-time physical activity
Hawaii, 2001-2006**

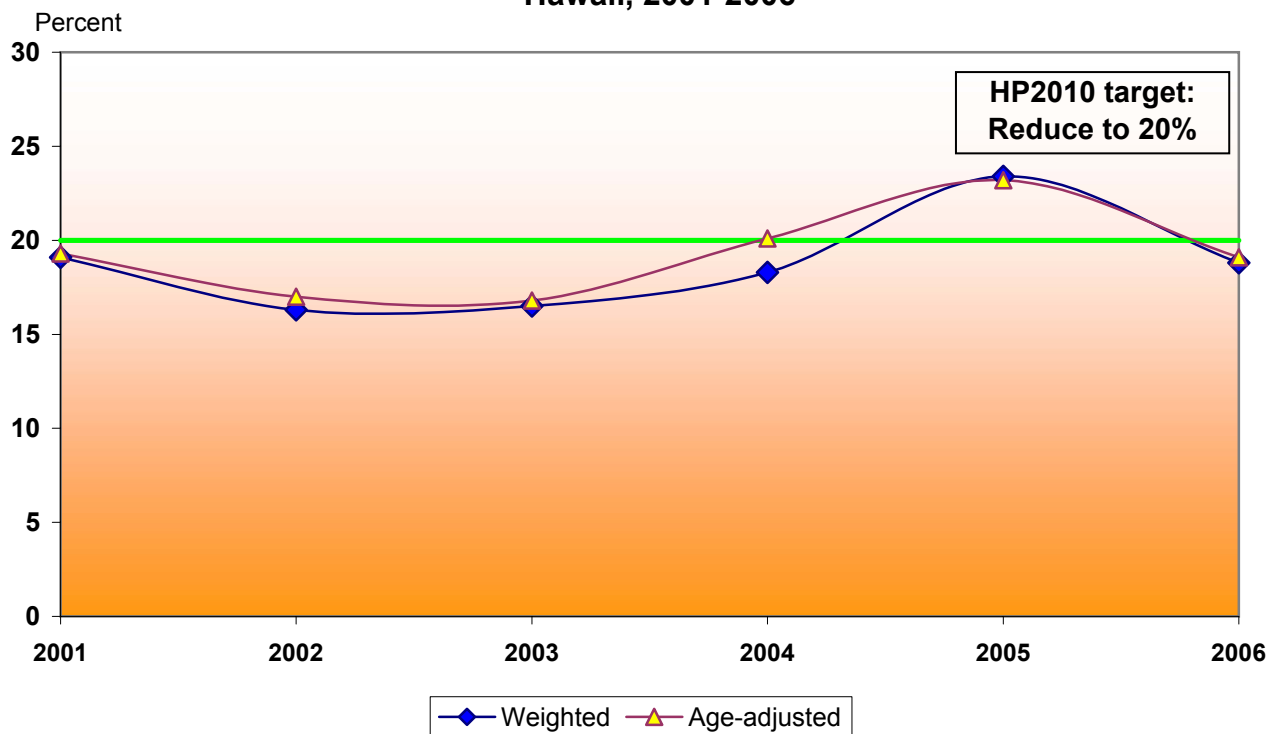


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1857	2481	1666	863	2700	2739
Have no leisure-time physical activity	282	302	223	130	385	367
Weight percentage	14.9	10.8	12.2	13.8	13.4	13.0
95% C.I.	(12.9 - 17.2)	(9.3 - 12.6)	(10.4 - 14.3)	(11.0 - 17.2)	(11.8 - 15.2)	(11.5 - 14.7)
Age-adjusted percentage	14.5	11.0	12.0	13.0	12.9	12.3
95% C.I.	(12.5 - 16.7)	(9.4 - 12.8)	(10.3 - 14.0)	(10.4 - 16.1)	(11.3 - 14.6)	(10.9 - 14.0)
GOAL (%)	20	20	20	20	20	20

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-1/ SUPPLEMENT 4

**Percent of Hawaiians
who engage in no leisure-time physical activity
Hawaii, 2001-2006**

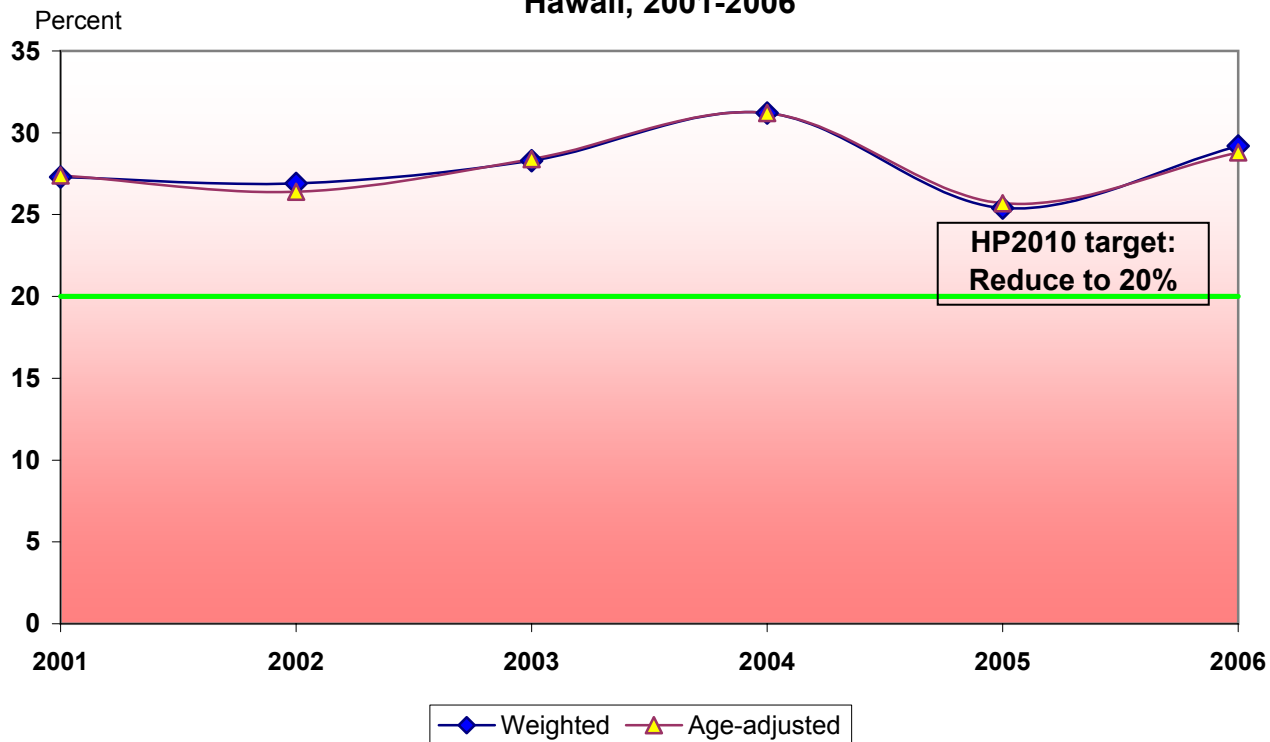


YEAR	2001	2002	2003	2004	2005	2006
Sample size	585	771	612	363	783	796
Have no leisure-time physical activity	110	146	107	75	182	172
Weight percentage	19.1	16.3	16.5	18.3	23.4	18.8
95% C.I.	(15.2 - 23.8)	(13.2 - 19.9)	(13.2 - 20.5)	(13.5 - 24.4)	(19.3 - 28.0)	(15.3 - 22.9)
Age-adjusted percentage	19.3	17.0	16.8	20.1	23.2	19.1
95% C.I.	(15.4 - 24.0)	(13.9 - 20.7)	(13.4 - 20.8)	(14.9 - 26.4)	(19.5 - 27.5)	(15.7 - 23.0)
GOAL (%)	20	20	20	20	20	20

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-1/ SUPPLEMENT 5

**Percent of Filipinos
who engage in no leisure-time physical activity
Hawaii, 2001-2006**

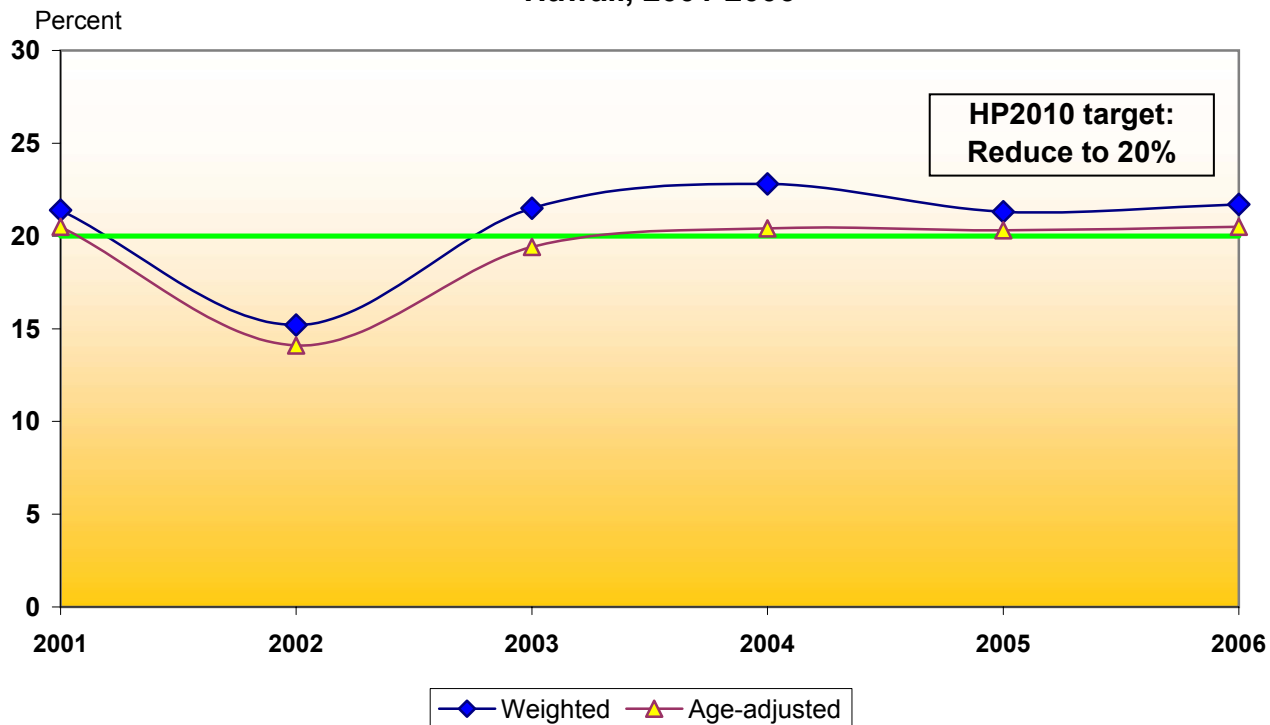


YEAR	2001	2002	2003	2004	2005	2006
Sample size	548	775	504	280	800	792
Have no leisure-time physical activity	148	204	144	94	212	218
Weight percentage	27.3	26.9	28.3	31.2	25.4	29.2
95% C.I.	(22.2 - 32.9)	(23.1 - 31.1)	(23.5 - 33.6)	(23.9 - 39.4)	(21.4 - 29.7)	(24.8 - 34.0)
Age-adjusted percentage	27.4	26.4	28.4	31.2	25.7	28.8
95% C.I.	(22.4 - 33.0)	(22.7 - 30.5)	(23.6 - 33.6)	(24.1 - 39.3)	(21.9 - 30.0)	(24.5 - 33.6)
GOAL (%)	20	20	20	20	20	20

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-1/ SUPPLEMENT 6

**Percent of Japanese
who engage in no leisure-time physical activity
Hawaii, 2001-2006**

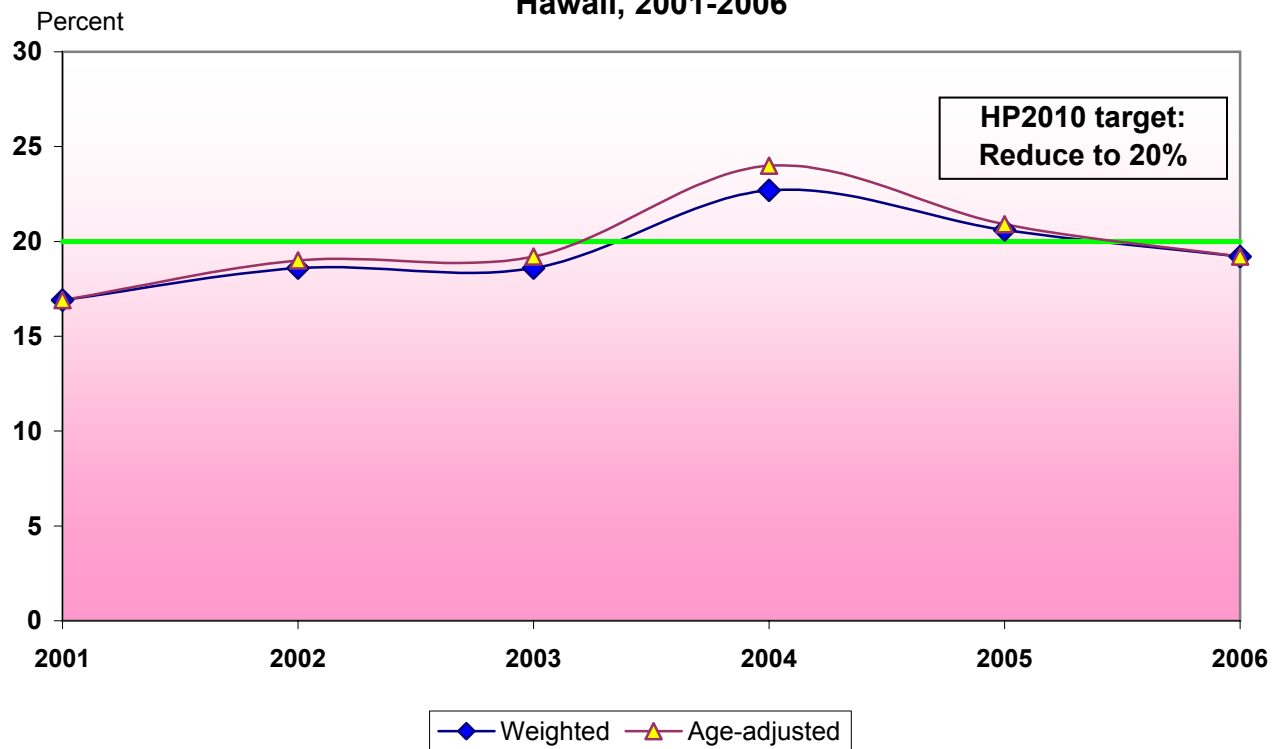


YEAR	2001	2002	2003	2004	2005	2006
Sample size	871	1168	781	444	1290	1287
Have no leisure-time physical activity	195	193	183	107	281	276
Weight percentage	21.4	15.2	21.5	22.8	21.3	21.7
95% C.I.	(18.1 - 25.1)	(12.9 - 17.8)	(18.3 - 25.1)	(18.2 - 28.2)	(18.6 - 24.3)	(19.0 - 24.7)
Age-adjusted percentage	20.5	14.1	19.4	20.4	20.3	20.5
95% C.I.	(17.1 - 24.5)	(11.8 - 16.8)	(16.1 - 23.3)	(15.4 - 26.5)	(17.3 - 23.7)	(17.5 - 23.9)
GOAL (%)	20	20	20	20	20	20

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-1/ SUPPLEMENT 7

**Percent of adults of other races
who engage in no leisure-time physical activity
Hawaii, 2001-2006**

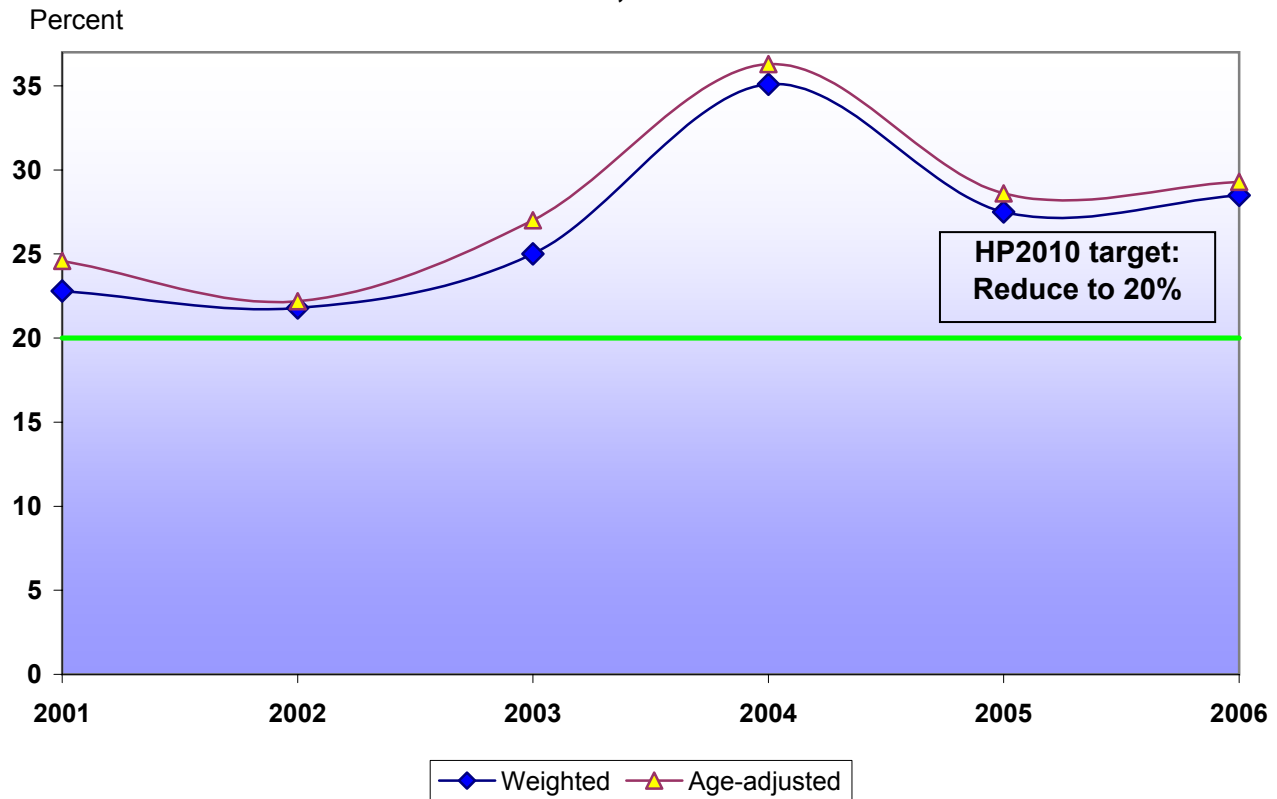


YEAR	2001	2002	2003	2004	2005	2006
Sample size	639	805	776	252	843	950
Have no leisure-time physical activity	123	168	142	65	177	178
Weight percentage	16.9	18.6	18.6	22.7	20.6	19.2
95% C.I.	(13.7 - 20.7)	(15.6 - 22.1)	(15.4 - 22.4)	(16.9 - 29.8)	(17.3 - 24.3)	(16.2 - 22.6)
Age-adjusted percentage	16.9	19.0	19.2	24.0	20.9	19.2
95% C.I.	(13.7 - 20.6)	(16.0 - 22.4)	(15.8 - 23.0)	(18.2 - 31.1)	(17.6 - 24.6)	(16.3 - 22.5)
GOAL (%)	20	20	20	20	20	20

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-1/ SUPPLEMENT 8

**Percent of adults, in low income households,
who engage in no leisure-time physical activity
Hawaii, 2001-2006**

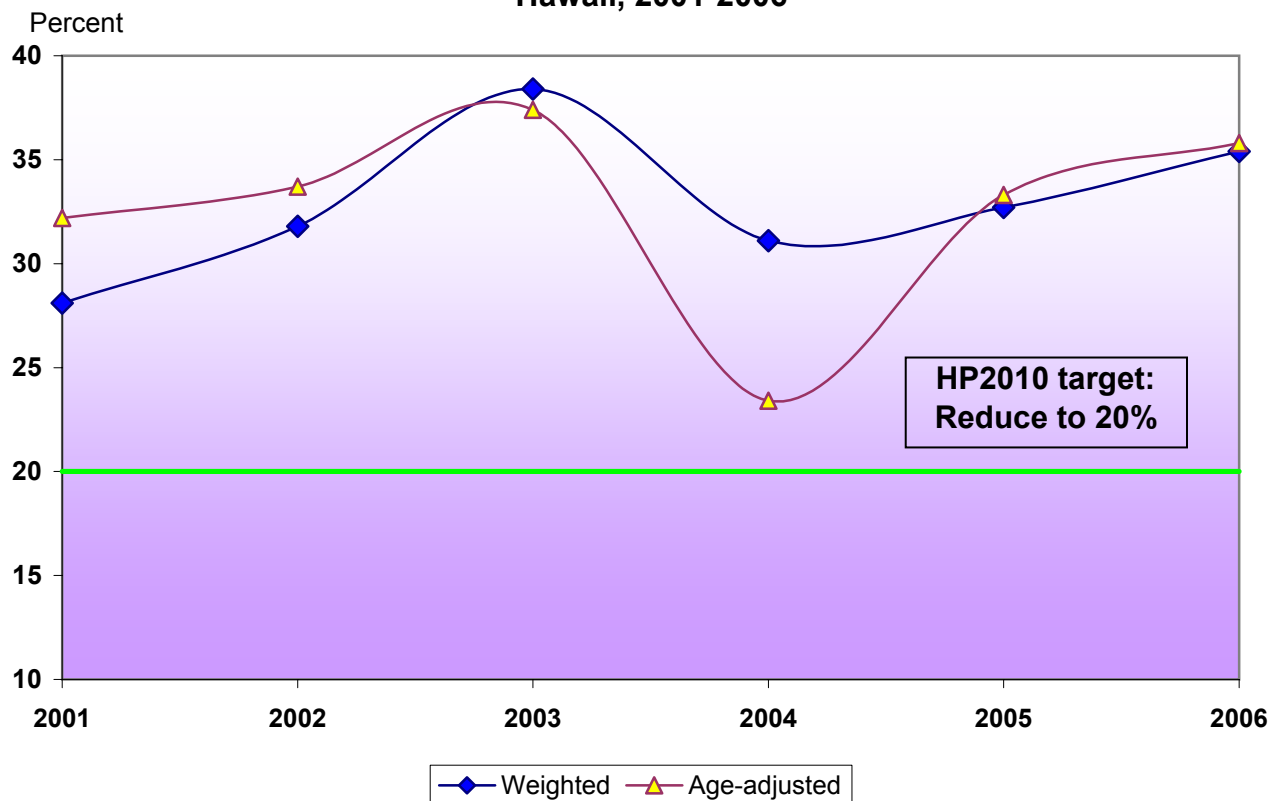


YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	695	601	254	677	702
Have no leisure-time physical activity	139	171	169	88	190	195
Weight percentage	22.8	21.8	25	35.1	27.5	28.5
95% C.I.	(18.1 - 28.2)	(18.2 - 26.0)	(20.8 - 29.6)	(27.0 - 44.1)	(22.9 - 32.7)	(23.8 - 33.8)
Age-adjusted percentage	24.6	22.2	27	36.3	28.6	29.3
95% C.I.	(19.5 - 30.4)	(18.7 - 26.2)	(22.8 - 31.7)	(28.4 - 44.9)	(24.1 - 33.5)	(24.6 - 34.5)
GOAL (%)	20	20	20	20	20	20

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-1/ SUPPLEMENT 9

**Percent of adults, with less education,
who engage in no leisure-time physical activity
Hawaii, 2001-2006**

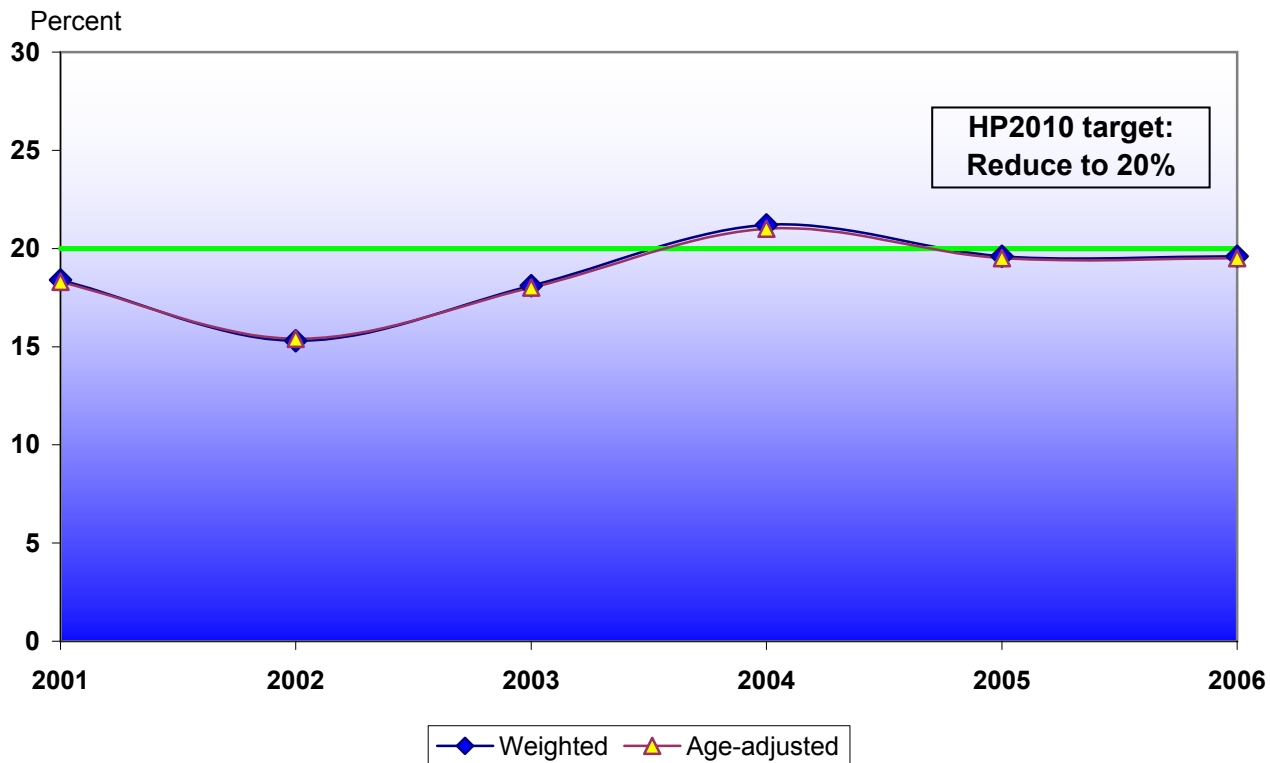


YEAR	2001	2002	2003	2004	2005	2006
Sample size	284	376	239	120	358	383
Have no leisure-time physical activity	80	121	86	40	110	123
Weight percentage	28.1	31.8	38.4	31.1	32.7	35.4
95% C.I.	(21.2 - 36.1)	(25.5 - 38.8)	(30.2 - 47.2)	(20.2 - 44.7)	(26.2 - 39.9)	(28.7 - 42.7)
Age-adjusted percentage	32.2	33.7	37.4	23.4	33.3	35.8
95% C.I.	(23.8 - 42.1)	(26.2 - 42.2)	(28.1 - 47.8)	(14.9 - 34.7)	(24.9 - 42.9)	(28.6 - 43.7)
GOAL (%)	20	20	20	20	20	20

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-1/ SUPPLEMENT 10

**Percent of adults who engage in no leisure-time physical activity
Honolulu county, Hawaii, 2001-2006**

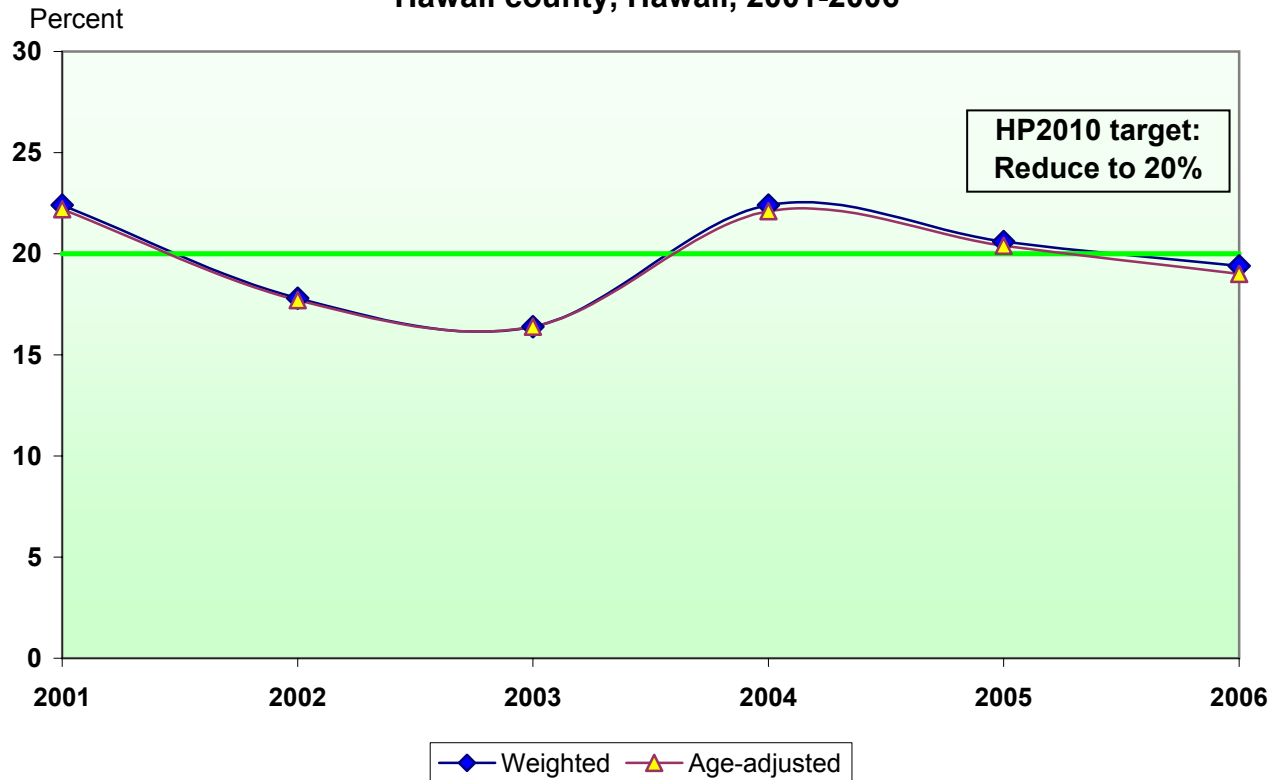


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1920	2812	2246	938	2969	3017
Have no leisure-time physical activity	359	448	403	205	592	585
Weight percentage	18.4	15.3	18.1	21.2	19.6	19.6
95% C.I.	(16.5 - 20.5)	(13.8 - 16.9)	(16.3 - 20.1)	(18.2 - 24.4)	(18.0 - 21.4)	(17.9 - 21.4)
Age-adjusted percentage	18.3	15.4	18.0	21.0	19.5	19.5
95% C.I.	(16.4 - 20.3)	(13.9 - 17.0)	(16.2 - 19.9)	(18.1 - 24.2)	(17.8 - 21.2)	(17.8 - 21.3)
GOAL (%)	20	20	20	20	20	20

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-1/ SUPPLEMENT 11

**Percent of adults who engage in no leisure-time physical activity
Hawaii county, Hawaii, 2001-2006**

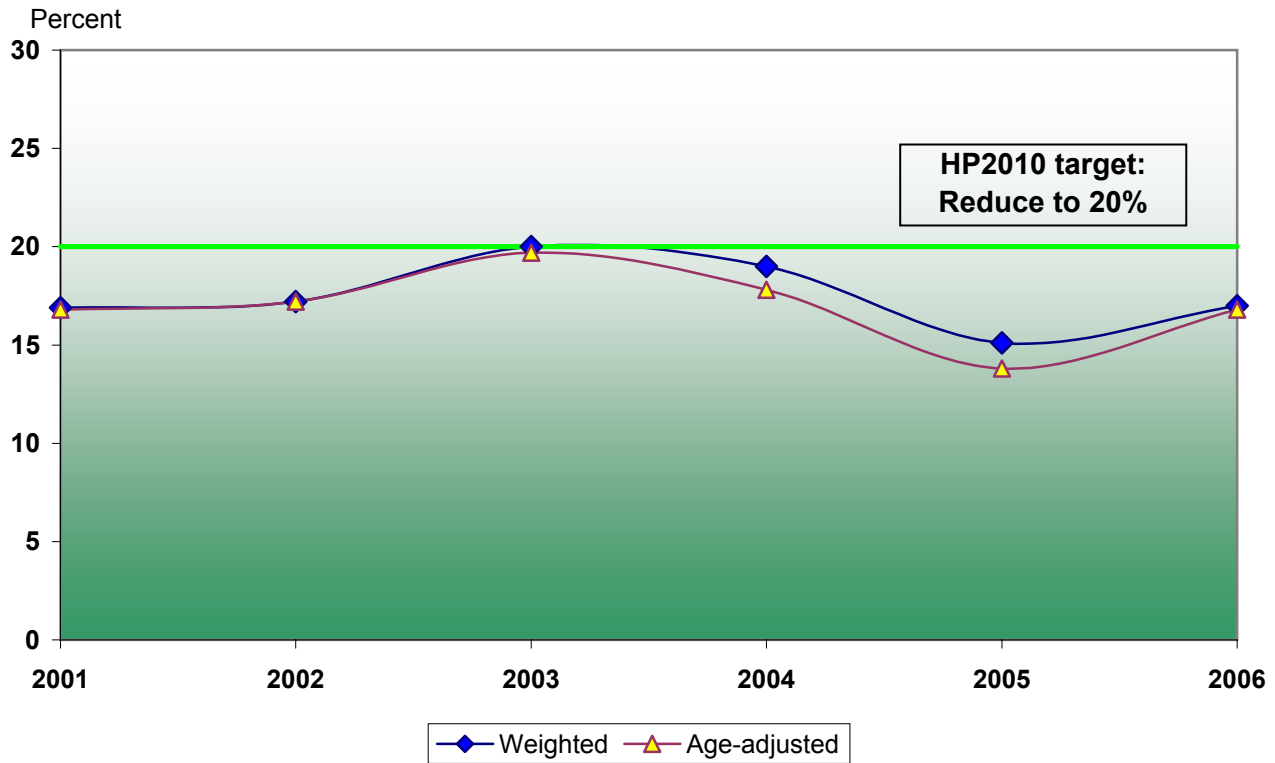


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1020	1379	972	564	1659	1394
Have no leisure-time physical activity	215	247	171	129	330	273
Weight percentage	22.4	17.8	16.4	22.4	20.6	19.4
95% C.I.	(19.5 - 25.6)	(15.5 - 20.3)	(13.9 - 19.2)	(18.5 - 26.9)	(18.2 - 23.2)	(17.0 - 21.9)
Age-adjusted percentage	22.2	17.7	16.4	22.1	20.4	19.0
95% C.I.	(19.3 - 25.4)	(15.2 - 20.4)	(13.8 - 19.3)	(18.1 - 26.7)	(18.0 - 23.1)	(16.6 - 21.7)
GOAL (%)	20	20	20	20	20	20

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-1/ SUPPLEMENT 12

**Percent of adults who engage in no leisure-time physical activity
Kauai county, Hawaii, 2001-2006**

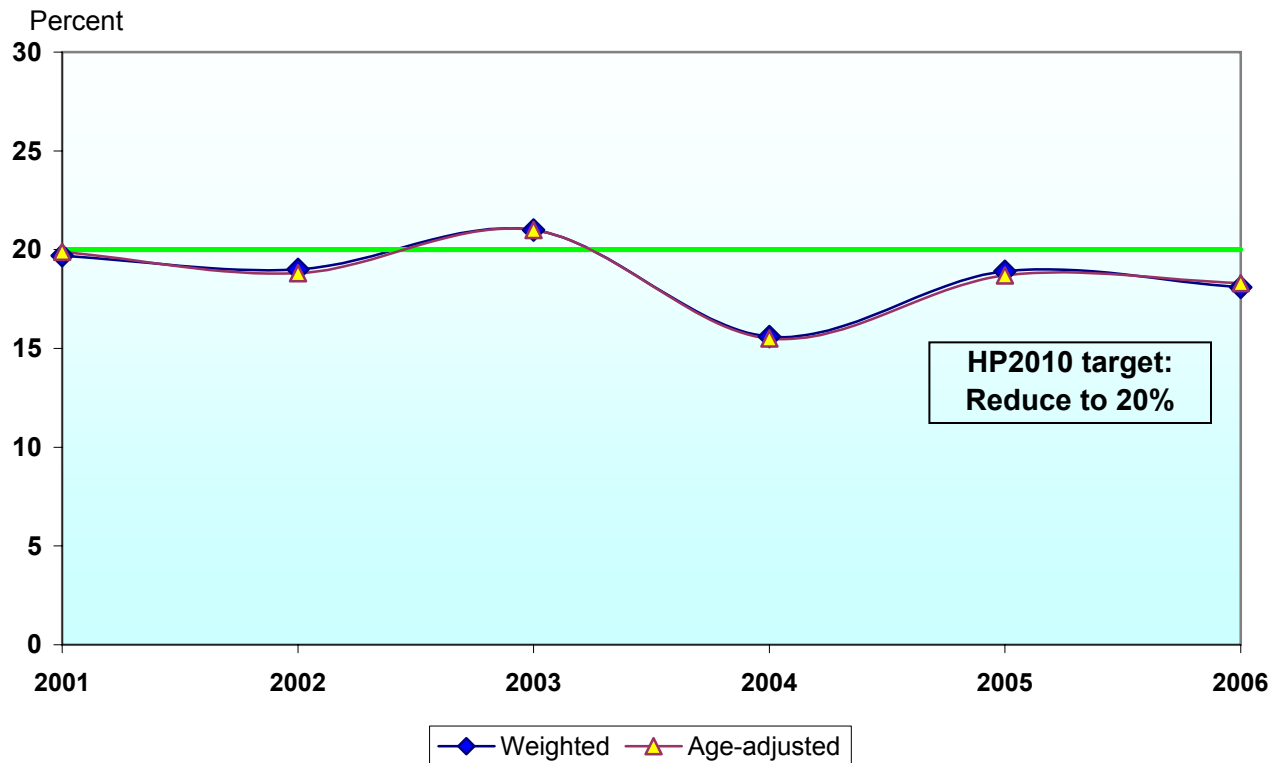


YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	601	421	289	589	665
Have no leisure-time physical activity	93	90	84	62	103	111
Weight percentage	16.9	17.2	20.0	19.0	15.1	17.0
95% C.I.	(13.5 - 20.9)	(13.8 - 21.3)	(16.0 - 24.8)	(14.5 - 24.5)	(12.1 - 18.7)	(13.7 - 20.9)
Age-adjusted percentage	16.8	17.2	19.7	17.8	13.8	16.8
95% C.I.	(13.4 - 20.9)	(13.6 - 21.4)	(15.6 - 24.6)	(13.6 - 22.9)	(11.1 - 17.0)	(13.4 - 20.9)
GOAL (%)	20	20	20	20	20	20

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-1/ SUPPLEMENT 13

**Percent of adults who engage in no leisure-time physical activity
Maui county, Hawaii, 2001-2006**



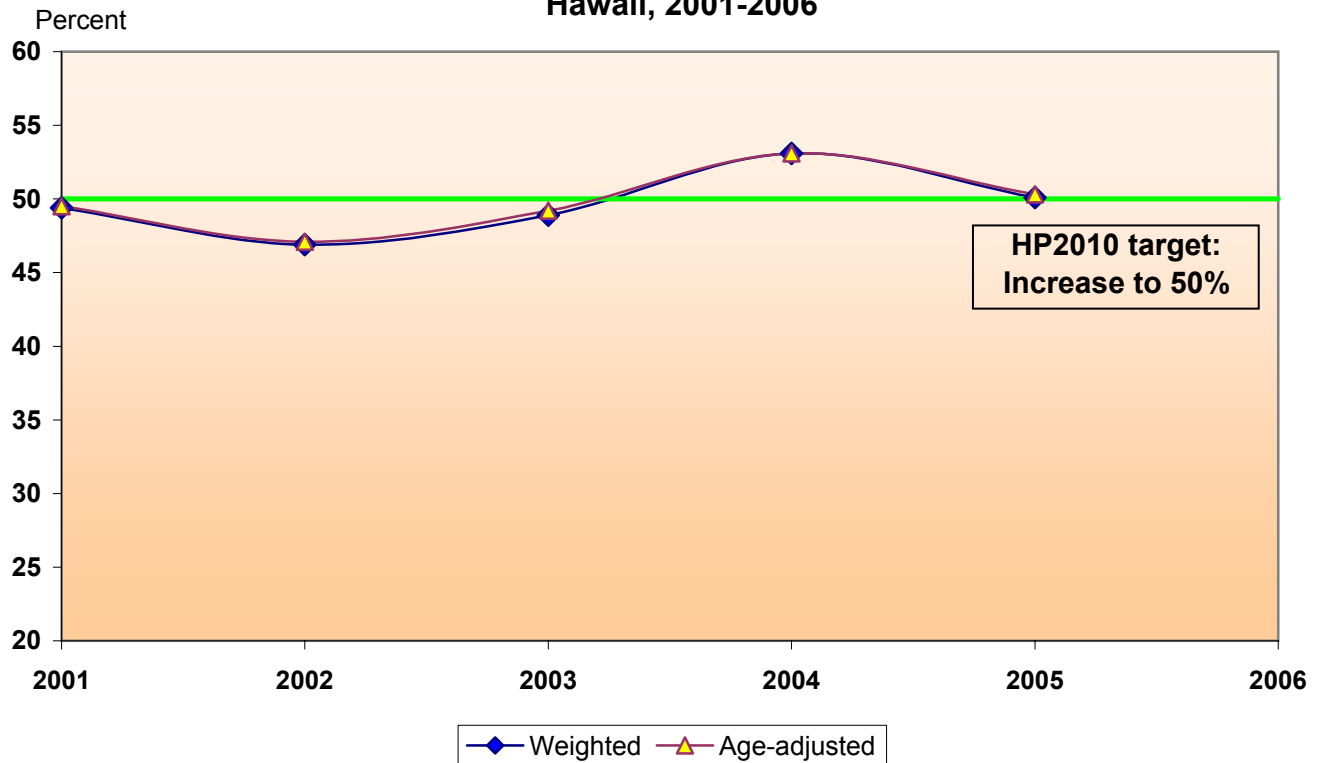
YEAR	2001	2002	2003	2004	2005	2006
Sample size	1011	1208	700	411	1199	1488
Have no leisure-time physical activity	191	228	141	75	212	242
Weight percentage	19.7	19.0	21.0	15.6	18.9	18.1
95% C.I.	(16.7 - 23.1)	(16.4 - 21.9)	(17.5 - 25.0)	(11.5 - 20.8)	(15.8 - 22.5)	(15.5 - 21.2)
Age-adjusted percentage	19.9	18.8	21.0	15.5	18.7	18.3
95% C.I.	(16.8 - 23.5)	(16.2 - 21.7)	(17.6 - 24.8)	(11.6 - 20.4)	(15.6 - 22.2)	(15.5 - 21.5)
GOAL (%)	20	20	20	20	20	20

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-2

Percent of adults who engage in moderate physical activity at least 5 days per week and 30 minutes per day

Hawaii, 2001-2006

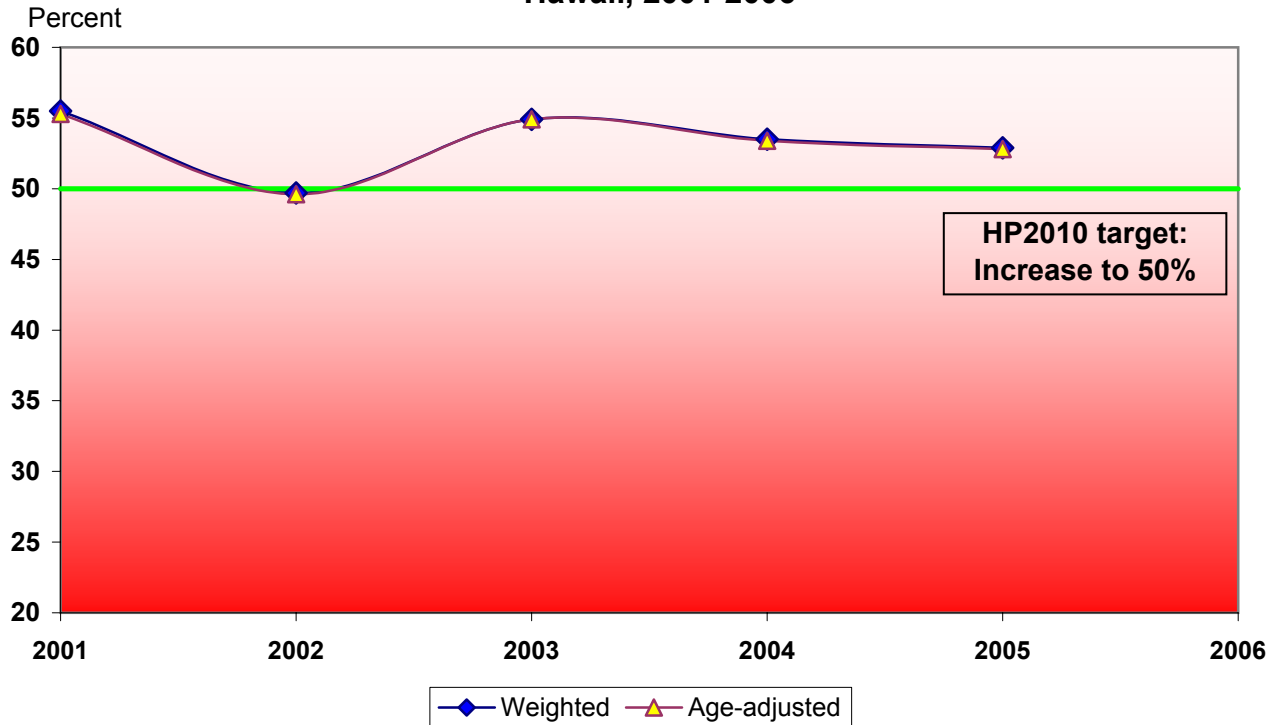


YEAR	2001	2002	2003	2004	2005	2006
Sample size	4500	6000	4339	2202	6416	N/A
Meet the standard of having moderate physical activity	2258	2849	2045	1187	3271	
Weight percentage	49.4	46.9	48.9	53.1	50.1	
95% C.I.	(47.3 - 51.4)	(45.3 - 48.6)	(47.0 - 50.8)	(50.1 - 56.0)	(48.4 - 51.8)	
Age-adjusted percentage	49.5	47.1	49.2	53.1	50.3	
95% C.I.	(47.4 - 51.5)	(45.4 - 48.8)	(47.3 - 51.1)	(50.1 - 56.1)	(48.6 - 52.0)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-2/ SUPPLEMENT 1

**Percent of men who engage in moderate physical activity at least 5 days per week and 30 minutes per day
Hawaii, 2001-2006**

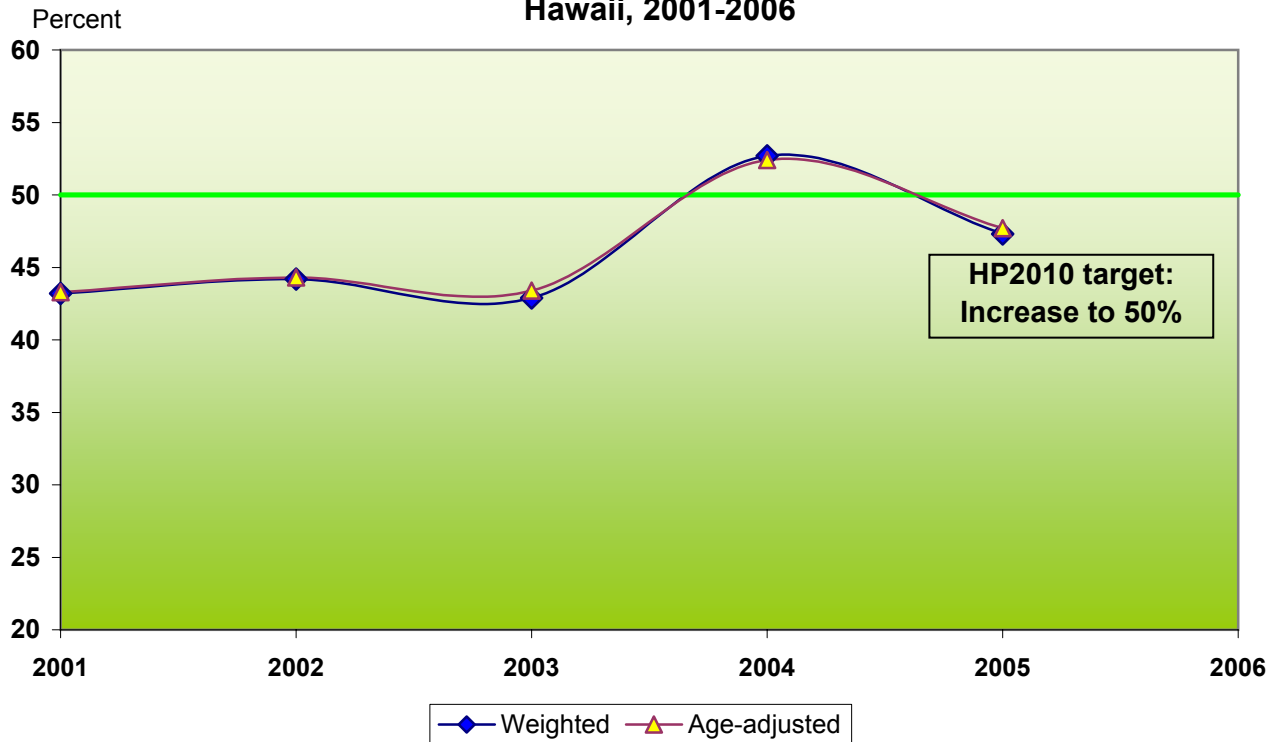


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1937	2605	1761	861	2577	N/A
Meet the standard of having moderate physical activity	1101	1285	940	461	1363	
Weight percentage	55.5	49.7	54.9	53.5	52.9	
95% C.I.	(52.5 - 58.4)	(47.1 - 52.3)	(52.0 - 57.9)	(48.9 - 58.0)	(50.2 - 55.5)	
Age-adjusted percentage	55.3	49.6	54.9	53.4	52.8	
95% C.I.	(52.3 - 58.2)	(47.1 - 52.1)	(52.0 - 57.8)	(49.0 - 57.8)	(50.2 - 55.3)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-2/ SUPPLEMENT 2

**Percent of women who engage in moderate physical activity
at least 5 days per week and 30 minutes per day
Hawaii, 2001-2006**

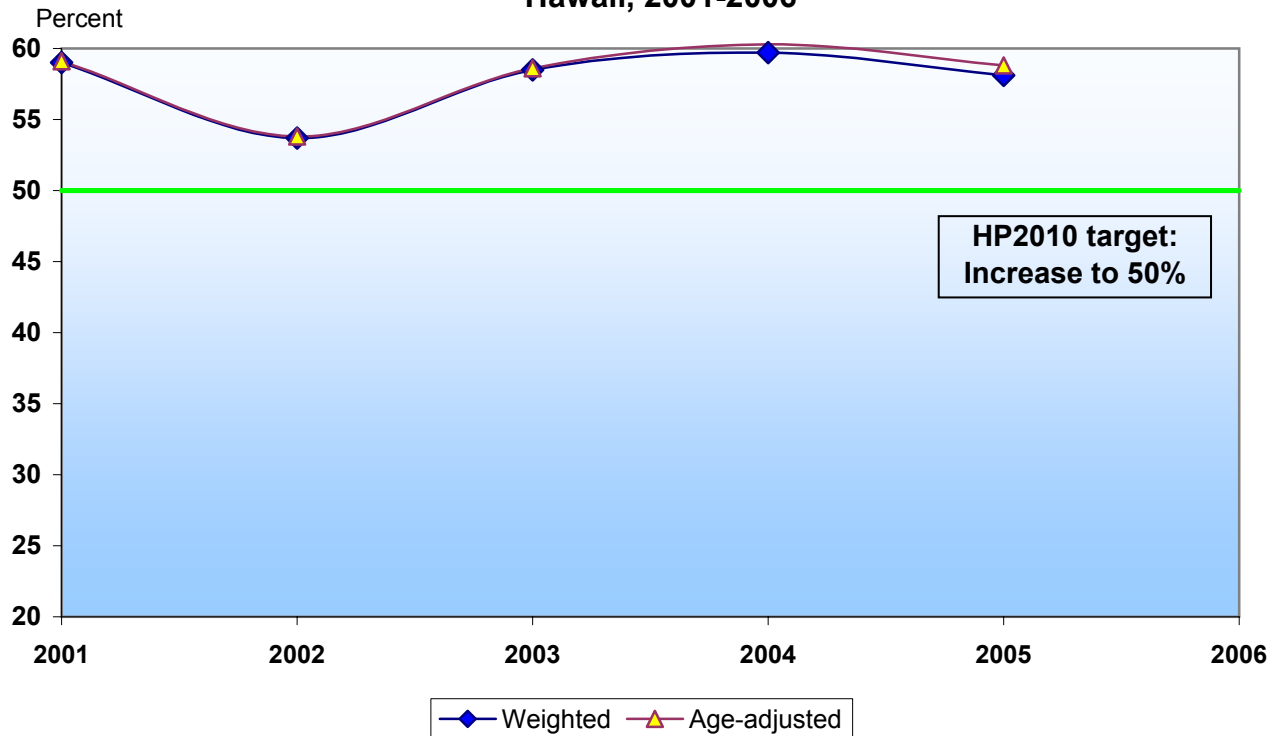


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2563	3395	2578	1341	3839	N/A
Meet the standard of having moderate physical activity	1157	1564	1105	726	1908	
Weight percentage	43.2	44.2	42.9	52.7	47.3	
95% C.I.	(40.5 - 45.8)	(42.1 - 46.4)	(40.6 - 45.3)	(48.9 - 56.5)	(45.2 - 49.5)	
Age-adjusted percentage	43.3	44.3	43.4	52.4	47.7	
95% C.I.	(40.6 - 46.0)	(42.2 - 46.5)	(41.0 - 45.8)	(48.6 - 56.2)	(45.5 - 49.9)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-2/ SUPPLEMENT 3

**Percent of White adults who engage in moderate physical activity
at least 5 days per week and 30 minutes per day
Hawaii, 2001-2006**

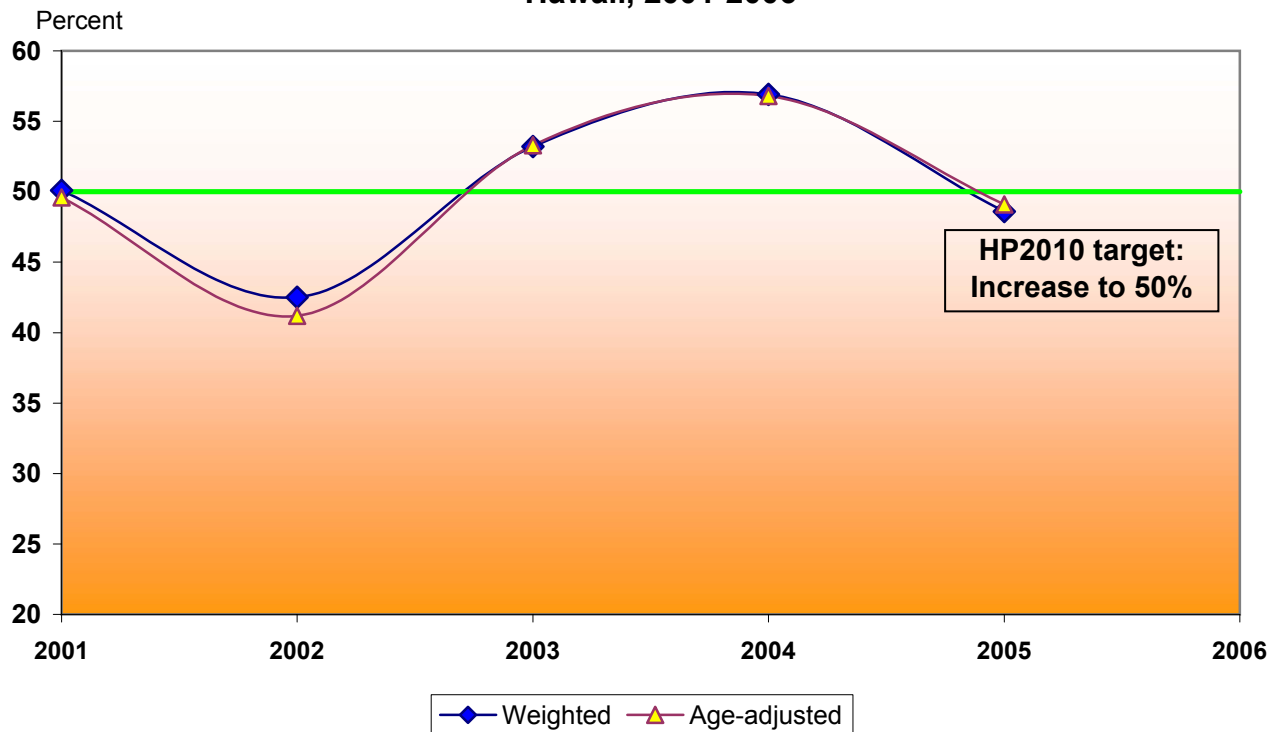


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1857	2481	1666	863	2700	N/A
Meet the standard of having moderate physical activity	1085	1337	895	514	1568	
Weight percentage	59.0	53.7	58.5	59.7	58.1	
95% C.I.	(55.9 - 61.9)	(51.0 - 56.4)	(55.5 - 61.4)	(55.0 - 64.2)	(55.6 - 60.7)	
Age-adjusted percentage	59.1	53.8	58.6	60.3	58.8	
95% C.I.	(56.0 - 62.1)	(51.2 - 56.4)	(55.7 - 61.5)	(55.4 - 65.0)	(56.2 - 61.4)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-2/ SUPPLEMENT 4

**Percent of Hawaiians who engage in moderate physical activity
at least 5 days per week and 30 minutes per day
Hawaii, 2001-2006**

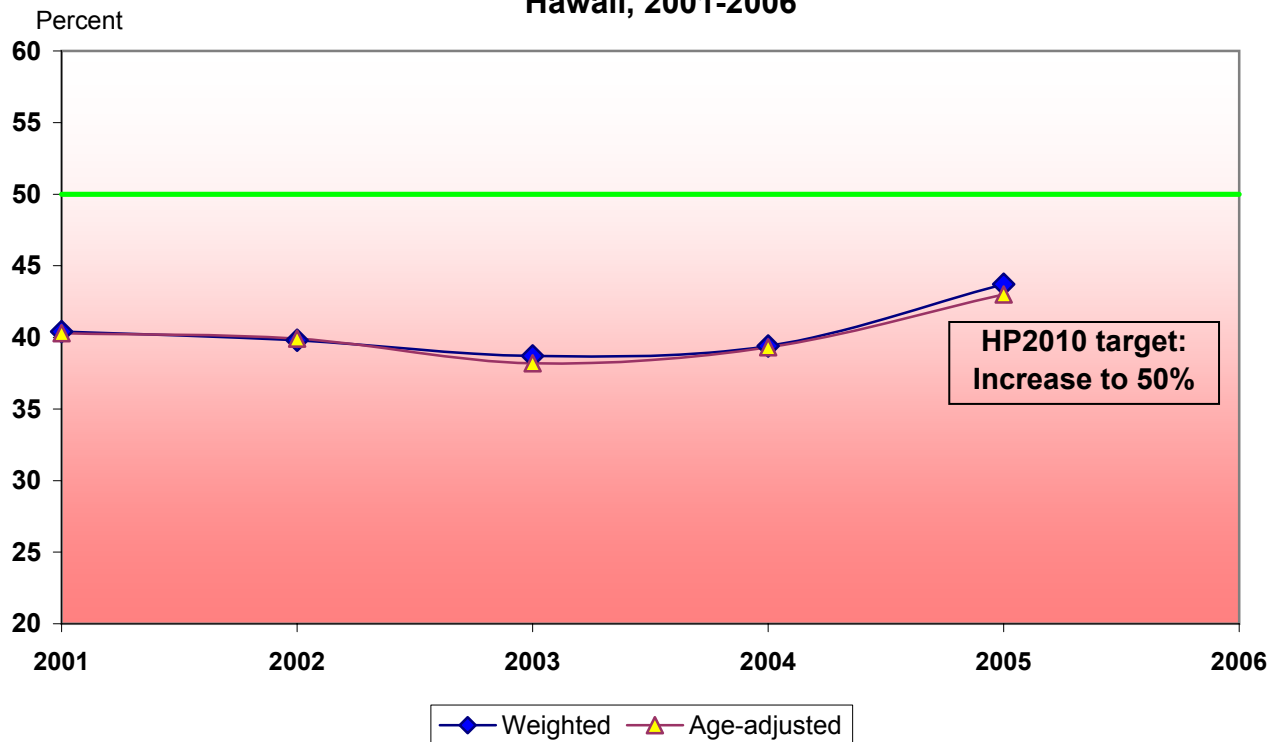


YEAR	2001	2002	2003	2004	2005	2006
Sample size	585	771	612	363	783	N/A
Meet the standard of having moderate physical activity	288	327	316	208	399	
Weight percentage	50.1	42.5	53.2	56.9	48.6	
95% C.I.	(44.6 - 55.7)	(37.7 - 47.4)	(48.2 - 58.2)	(49.7 - 63.9)	(43.8 - 53.5)	
Age-adjusted percentage	49.6	41.2	53.3	56.8	49.1	
95% C.I.	(44.1 - 55.1)	(36.7 - 45.8)	(48.2 - 58.2)	(49.6 - 63.7)	(44.4 - 53.7)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-2/ SUPPLEMENT 5

**Percent of Filipinos who engage in moderate physical activity
at least 5 days per week and 30 minutes per day
Hawaii, 2001-2006**

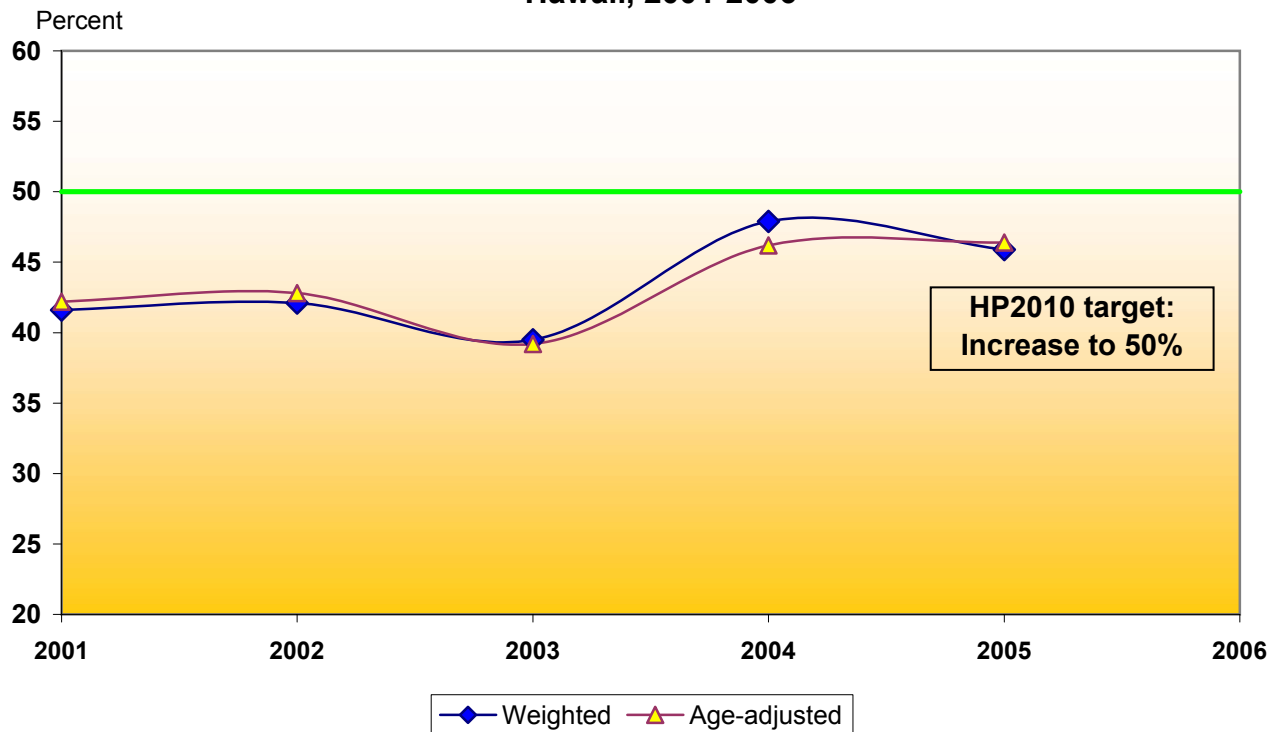


YEAR	2001	2002	2003	2004	2005	2006
Sample size	548	775	504	280	800	N/A
Meet the standard of having moderate physical activity	223	310	182	115	329	
Weight percentage	40.4	39.8	38.7	39.4	43.7	
95% C.I.	(34.3 - 46.8)	(35.4 - 44.4)	(33.4 - 44.4)	(31.6 - 47.8)	(38.7 - 48.8)	
Age-adjusted percentage	40.3	39.9	38.2	39.3	43.0	
95% C.I.	(34.5 - 46.3)	(35.4 - 44.6)	(33.1 - 43.5)	(31.6 - 47.5)	(38.4 - 47.8)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-2/ SUPPLEMENT 6

**Percent of Japanese who engage in moderate physical activity
at least 5 days per week and 30 minutes per day
Hawaii, 2001-2006**

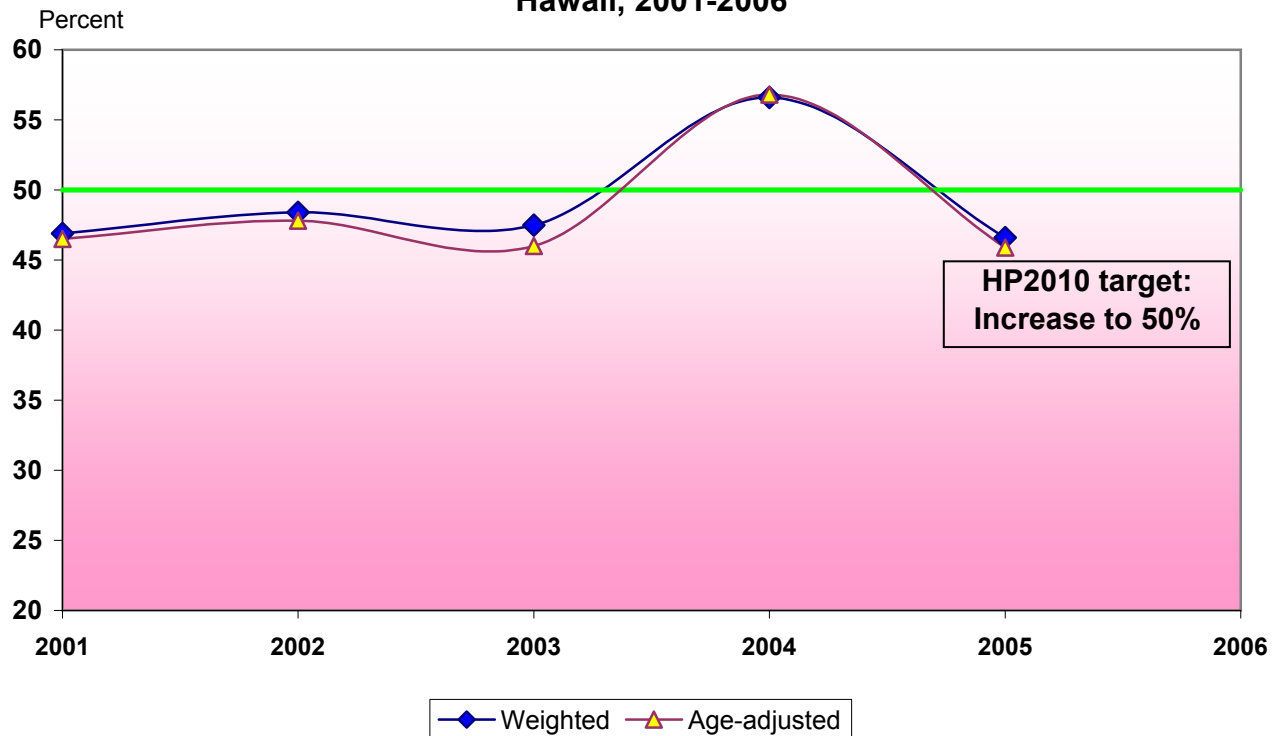


YEAR	2001	2002	2003	2004	2005	2006
Sample size	871	1168	781	444	1290	N/A
Meet the standard of having moderate physical activity	356	495	298	214	572	
Weight percentage	41.6	42.1	39.5	47.9	45.9	
95% C.I.	(37.3 - 46.0)	(38.6 - 45.7)	(35.2 - 44.0)	(42.0 - 53.9)	(42.4 - 49.5)	
Age-adjusted percentage	42.2	42.8	39.2	46.2	46.4	
95% C.I.	(37.5 - 47.0)	(38.9 - 46.7)	(34.4 - 44.3)	(39.1 - 53.4)	(42.4 - 50.5)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-2/ SUPPLEMENT 7

**Percent of adults of other races
who engage in moderate physical activity at least
5 days per week and 30 minutes per day
Hawaii, 2001-2006**

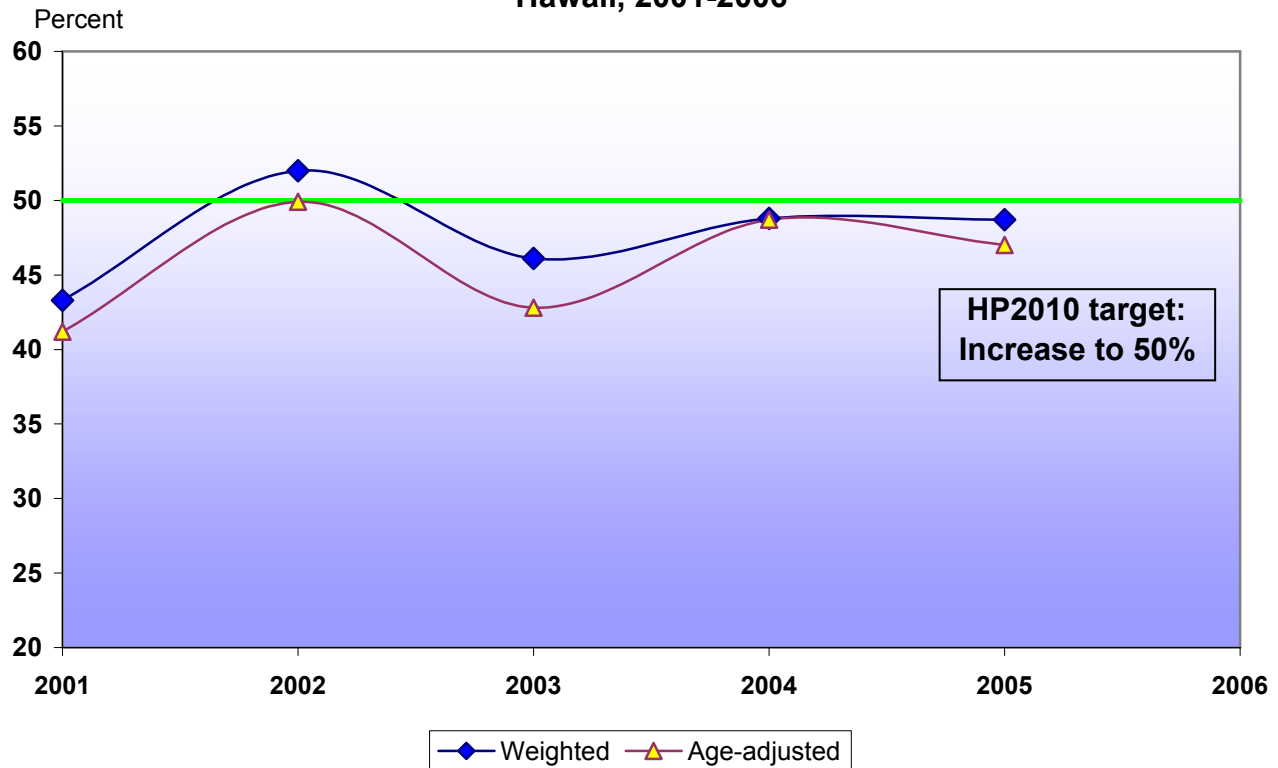


YEAR	2001	2002	2003	2004	2005	2006
Sample size	639	805	776	252	843	N/A
Meet the standard of having moderate physical activity	306	380	354	136	403	
Weight percentage	46.9	48.4	47.5	56.6	46.6	
95% C.I.	(41.9 - 51.9)	(44.0 - 52.8)	(43.2 - 51.8)	(48.1 - 64.8)	(42.2 - 51.0)	
Age-adjusted percentage	46.5	47.8	46.0	56.8	45.9	
95% C.I.	(41.6 - 51.5)	(43.6 - 52.1)	(41.9 - 50.2)	(49.1 - 64.3)	(41.7 - 50.1)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-2/ SUPPLEMENT 8

Percent of adults, in low income households,
who engage in moderate physical activity at least
5 days per week and 30 minutes per day
Hawaii, 2001-2006



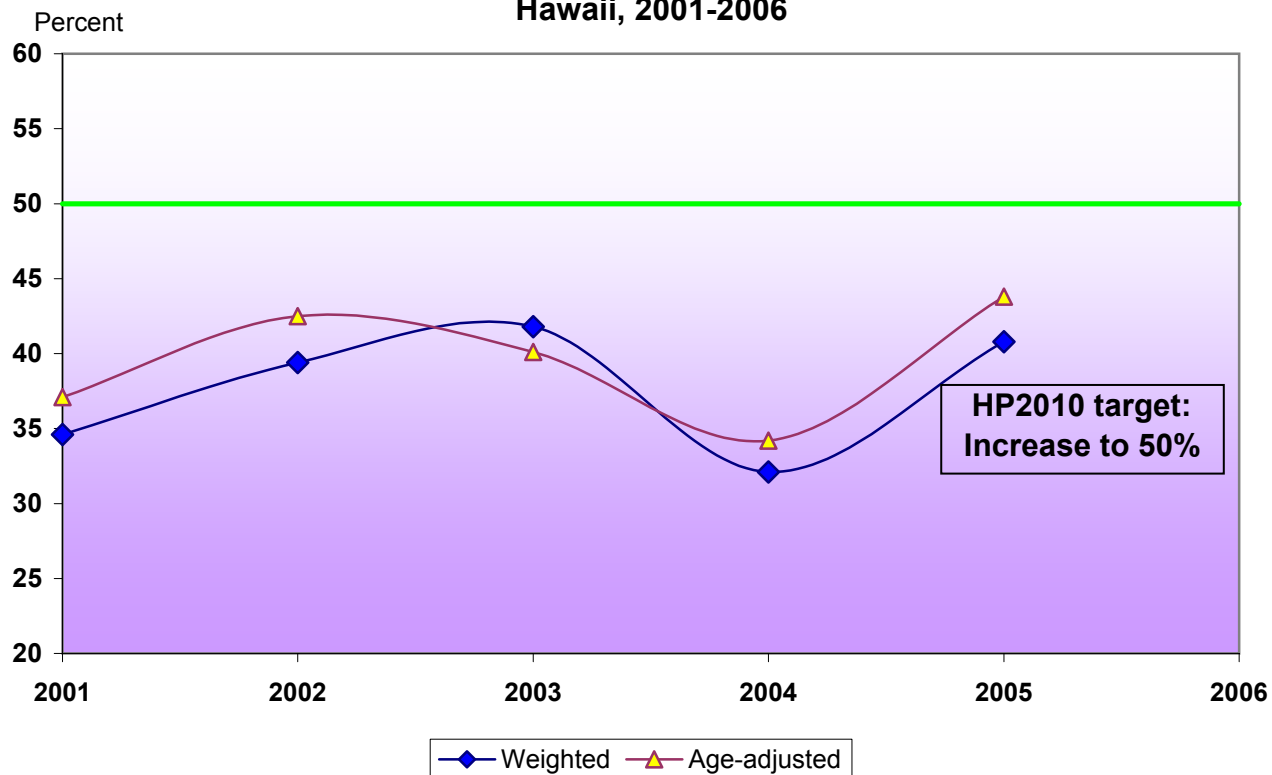
YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	695	601	254	677	N/A
Meet the standard of having moderate physical activity	242	362	253	124	328	
Weight percentage	43.3	52.0	46.1	48.8	48.7	
95% C.I.	(37.0 - 49.8)	(46.8 - 57.2)	(41.0 - 51.4)	(40.0 - 57.7)	(43.2 - 54.3)	
Age-adjusted percentage	41.2	49.9	42.8	48.7	47.0	
95% C.I.	(35.2 - 47.4)	(45.0 - 54.7)	(37.9 - 47.8)	(40.3 - 57.1)	(41.8 - 52.1)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-2/ SUPPLEMENT 9

**Percent of adults, with less education,
who engage in moderate physical activity at least
5 days per week and 30 minutes per day**

Hawaii, 2001-2006

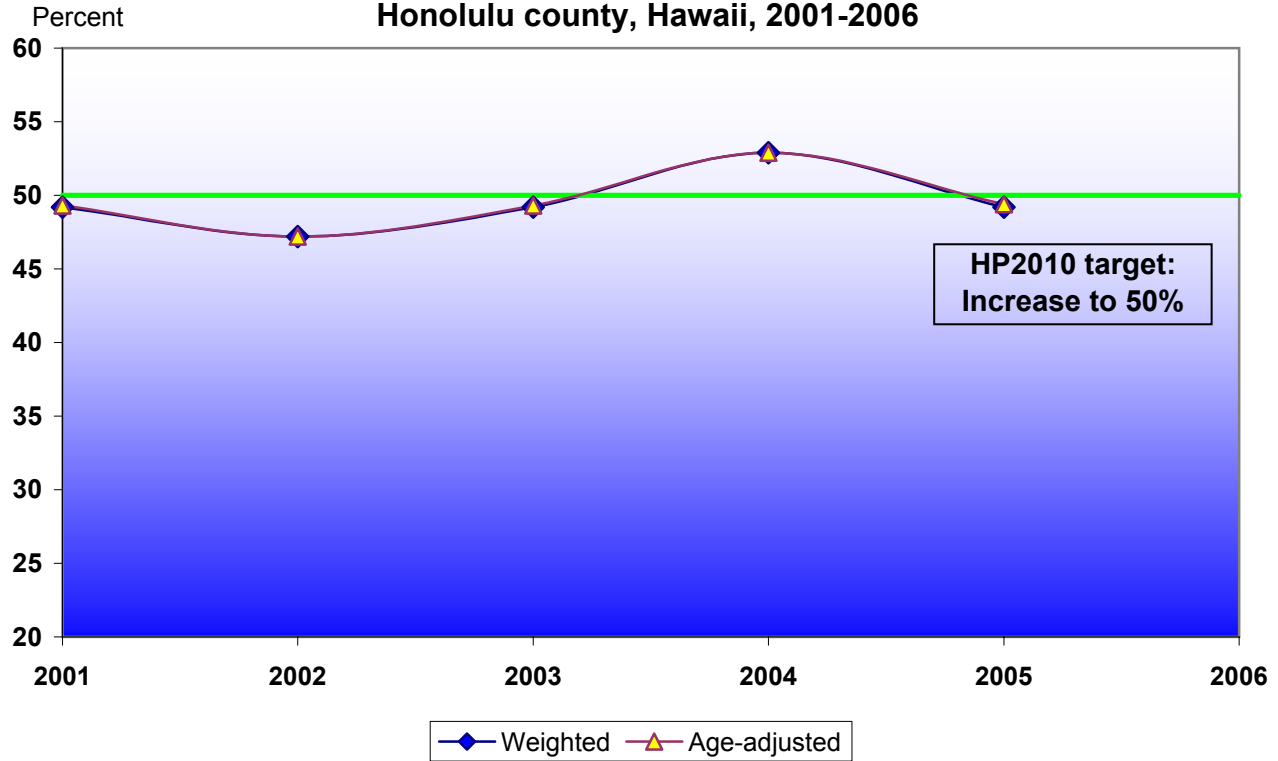


YEAR	2001	2002	2003	2004	2005	2006
Sample size	284	376	239	120	358	N/A
Meet the standard of having moderate physical activity	99	153	97	45	142	
Weight percentage	34.6	39.4	41.8	32.1	40.8	
95% C.I.	(27.1 - 43.0)	(32.8 - 46.3)	(33.8 - 50.3)	(21.5 - 44.9)	(33.6 - 48.4)	
Age-adjusted percentage	37.1	42.5	40.1	34.2	43.8	
95% C.I.	(28.0 - 47.4)	(34.0 - 51.4)	(30.8 - 50.3)	(22.0 - 49.0)	(35.0 - 53.1)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-2/ SUPPLEMENT 10

**Percent of adults who engage in moderate physical activity
at least 5 days per week and 30 minutes per day
Honolulu county, Hawaii, 2001-2006**

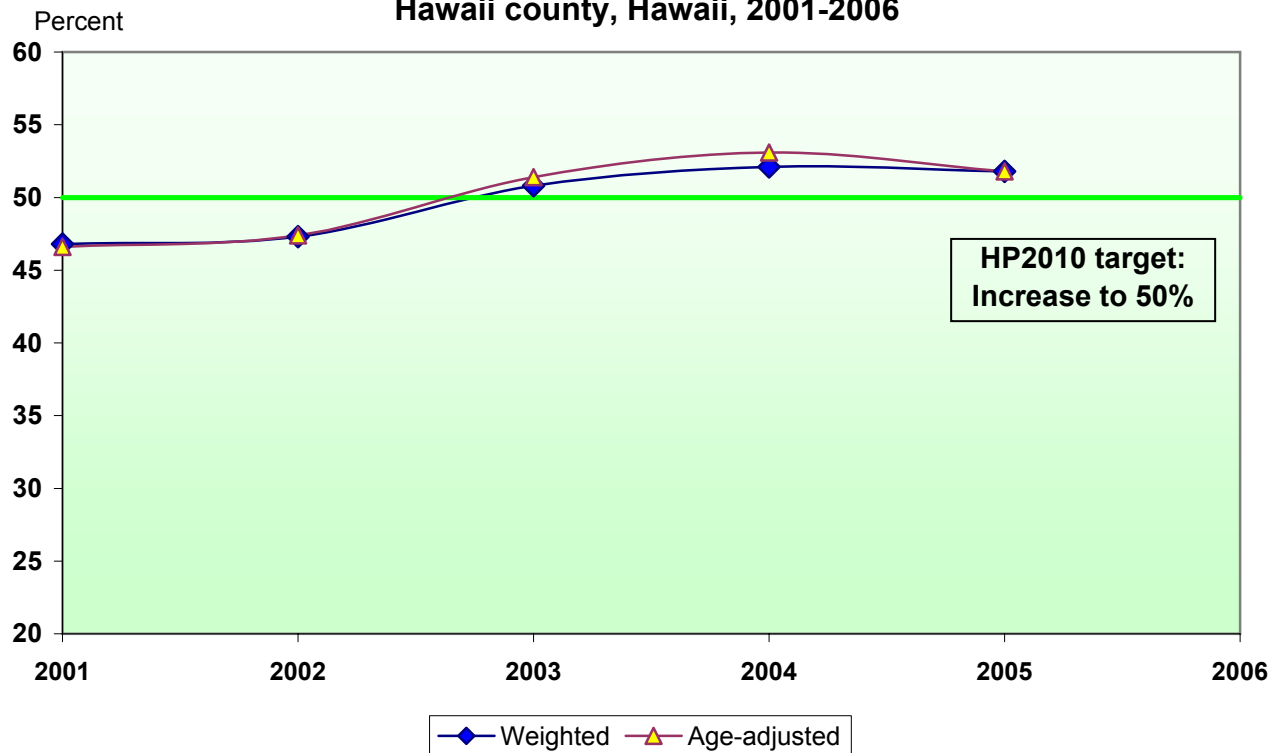


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1920	2812	2246	938	2969	N/A
Meet the standard of having moderate physical activity	946	1334	1077	511	1475	
Weight percentage	49.2	47.2	49.2	52.9	49.2	
95% C.I.	(46.6 - 51.9)	(45.0 - 49.4)	(46.7 - 51.6)	(49.0 - 56.7)	(47.0 - 51.4)	
Age-adjusted percentage	49.3	47.2	49.3	52.9	49.4	
95% C.I.	(46.7 - 51.9)	(45.1 - 49.4)	(46.9 - 51.7)	(49.0 - 56.7)	(47.2 - 51.6)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-2/ SUPPLEMENT 11

**Percent of adults who engage in moderate physical activity
at least 5 days per week and 30 minutes per day
Hawaii county, Hawaii, 2001-2006**

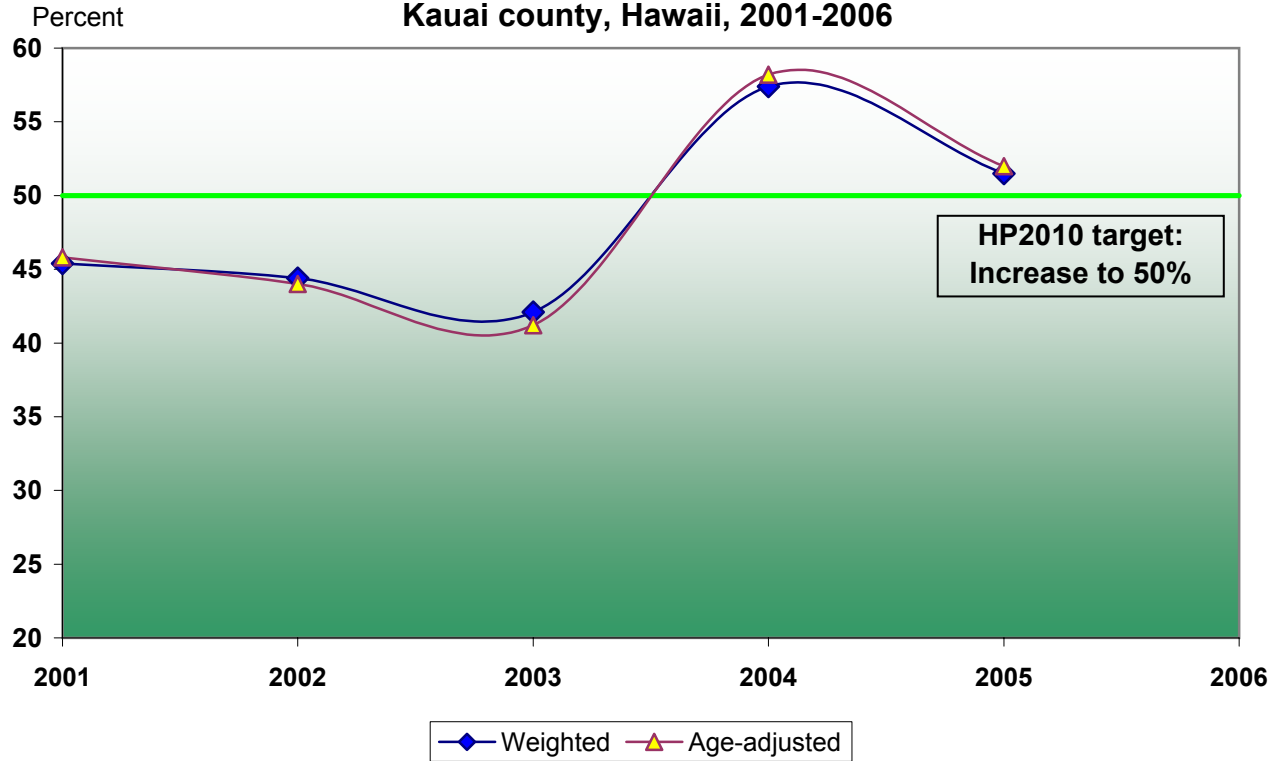


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1020	1379	972	564	1659	N/A
Meet the standard of having moderate physical activity	501	669	468	296	859	
Weight percentage	46.8	47.3	50.8	52.1	51.8	
95% C.I.	(43.2 - 50.3)	(44.1 - 50.4)	(47.0 - 54.6)	(47.1 - 57.2)	(48.7 - 54.9)	
Age-adjusted percentage	46.6	47.4	51.4	53.1	51.8	
95% C.I.	(43.0 - 50.3)	(44.1 - 50.7)	(47.6 - 55.1)	(47.9 - 58.3)	(48.7 - 54.9)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-2/ SUPPLEMENT 12

**Percent of adults who engage in moderate physical activity
at least 5 days per week and 30 minutes per day
Kauai county, Hawaii, 2001-2006**

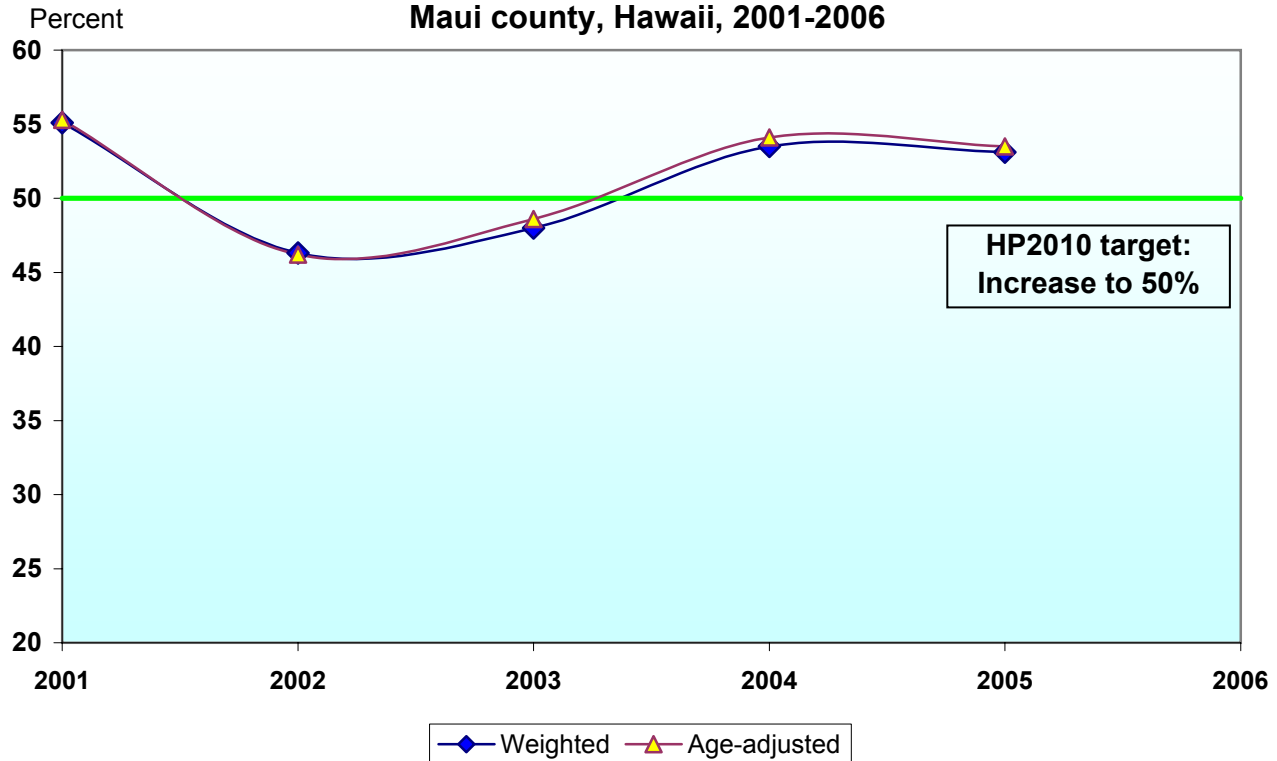


YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	601	421	289	589	N/A
Meet the standard of having moderate physical activity	264	289	178	165	301	
Weight percentage	45.4	44.4	42.1	57.4	51.5	
95% C.I.	(40.4 - 50.5)	(39.9 - 49.1)	(36.7 - 47.6)	(50.7 - 64.0)	(46.4 - 56.6)	
Age-adjusted percentage	45.8	44.0	41.2	58.2	52.0	
95% C.I.	(40.7 - 50.9)	(39.3 - 48.9)	(35.7 - 46.9)	(51.0 - 65.0)	(46.2 - 57.8)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-2/ SUPPLEMENT 13

**Percent of adults who engage in moderate physical activity
at least 5 days per week and 30 minutes per day
Maui county, Hawaii, 2001-2006**

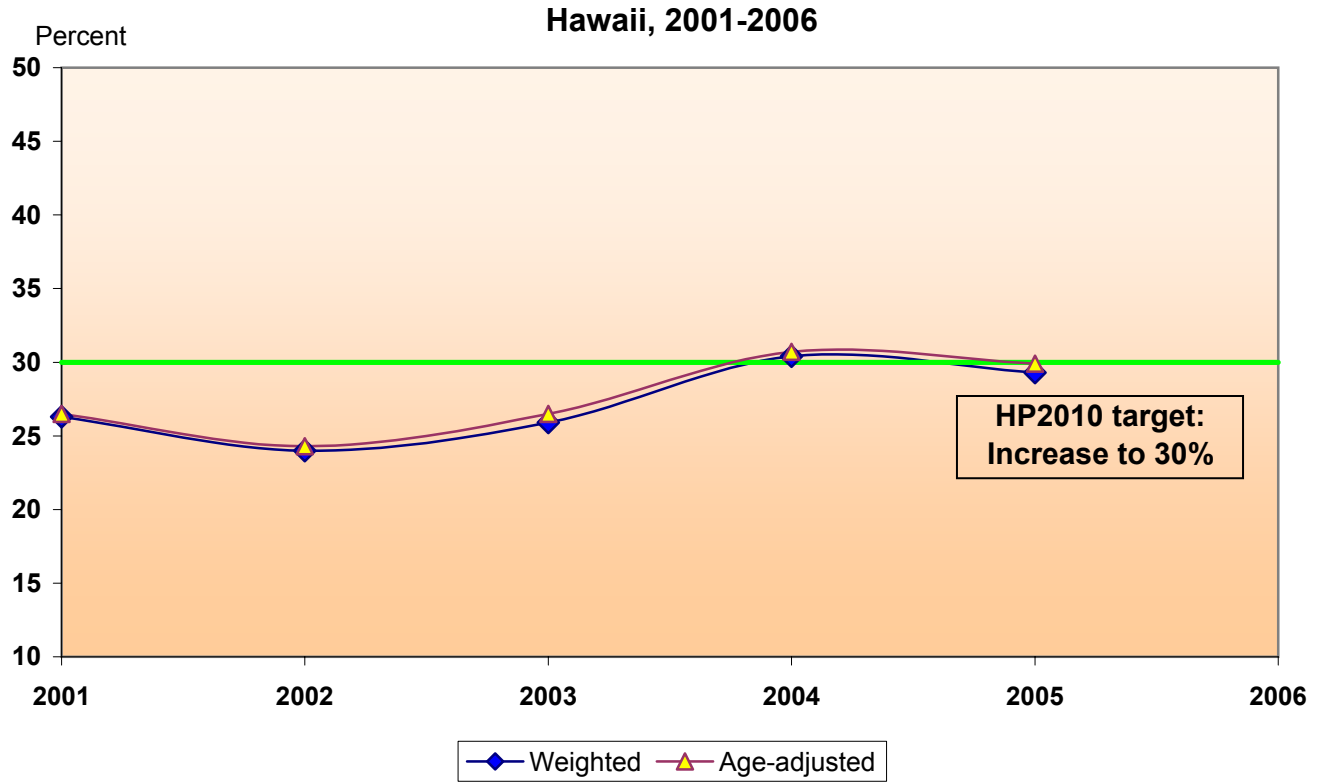


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1011	1208	700	411	1199	N/A
Meet the standard of having moderate physical activity	547	557	322	215	636	
Weight percentage	55.1	46.3	48.0	53.5	53.1	
95% C.I.	(51.3 - 58.8)	(42.8 - 49.7)	(43.4 - 52.7)	(46.8 - 60.2)	(49.2 - 57.0)	
Age-adjusted percentage	55.3	46.2	48.6	54.1	53.5	
95% C.I.	(51.5 - 59.1)	(42.7 - 49.8)	(43.9 - 53.2)	(47.4 - 60.7)	(49.5 - 57.4)	
GOAL (%)	50	50	50	50	50	50

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-3

**Percent of adults who engage in vigorous physical activity at least
3 days per week and 20 minutes per day**

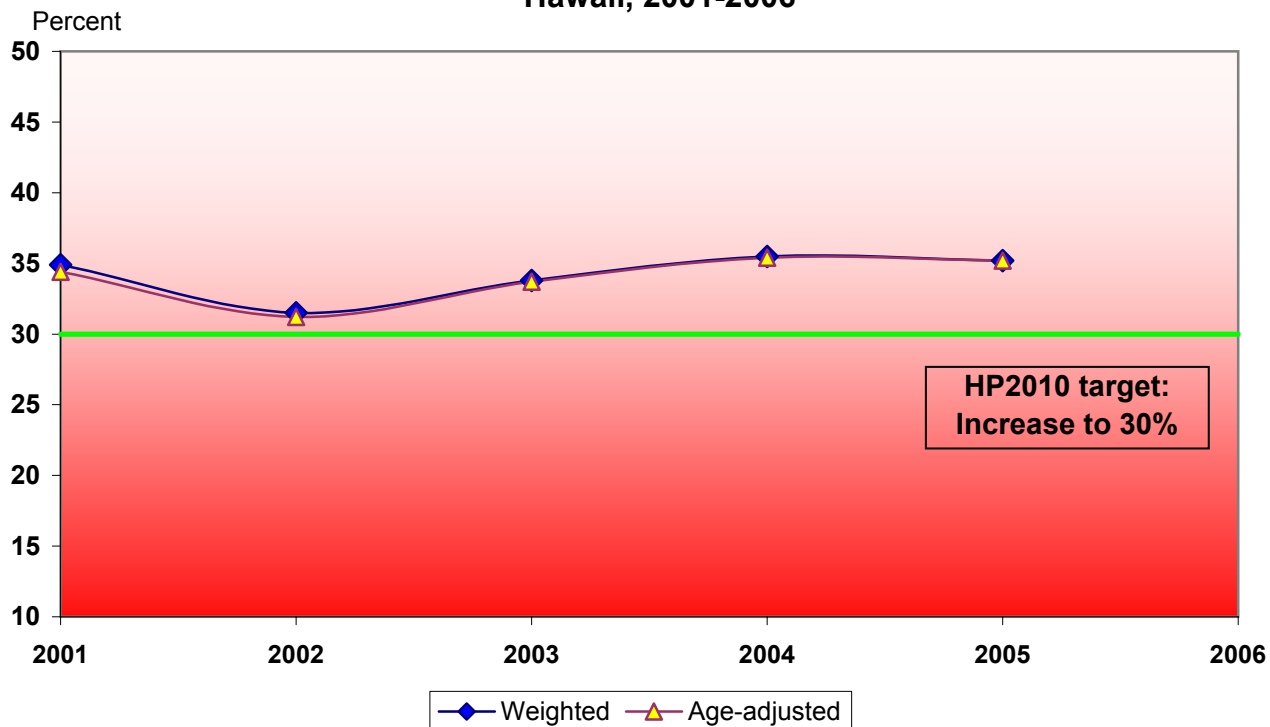


YEAR	2001	2002	2003	2004	2005	2006
Sample size	4500	6000	4339	2202	6416	N/A
Meet the standard of having vigorous physical activity	1183	1339	1008	660	1728	
Weight percentage	26.3	24.0	25.9	30.4	29.3	
95% C.I.	(24.6 - 28.1)	(22.6 - 25.6)	(24.2 - 27.7)	(27.8 - 33.2)	(27.7 - 30.9)	
Age-adjusted percentage	26.5	24.3	26.5	30.7	29.9	
95% C.I.	(24.8 - 28.3)	(22.9 - 25.8)	(24.9 - 28.2)	(28.0 - 33.5)	(28.4 - 31.6)	
GOAL (%)	30	30	30	30	30	30

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-3/ SUPPLEMENT 1

**Percent of men who engage in vigorous physical activity at least
3 days per week and 20 minutes per day
Hawaii, 2001-2006**

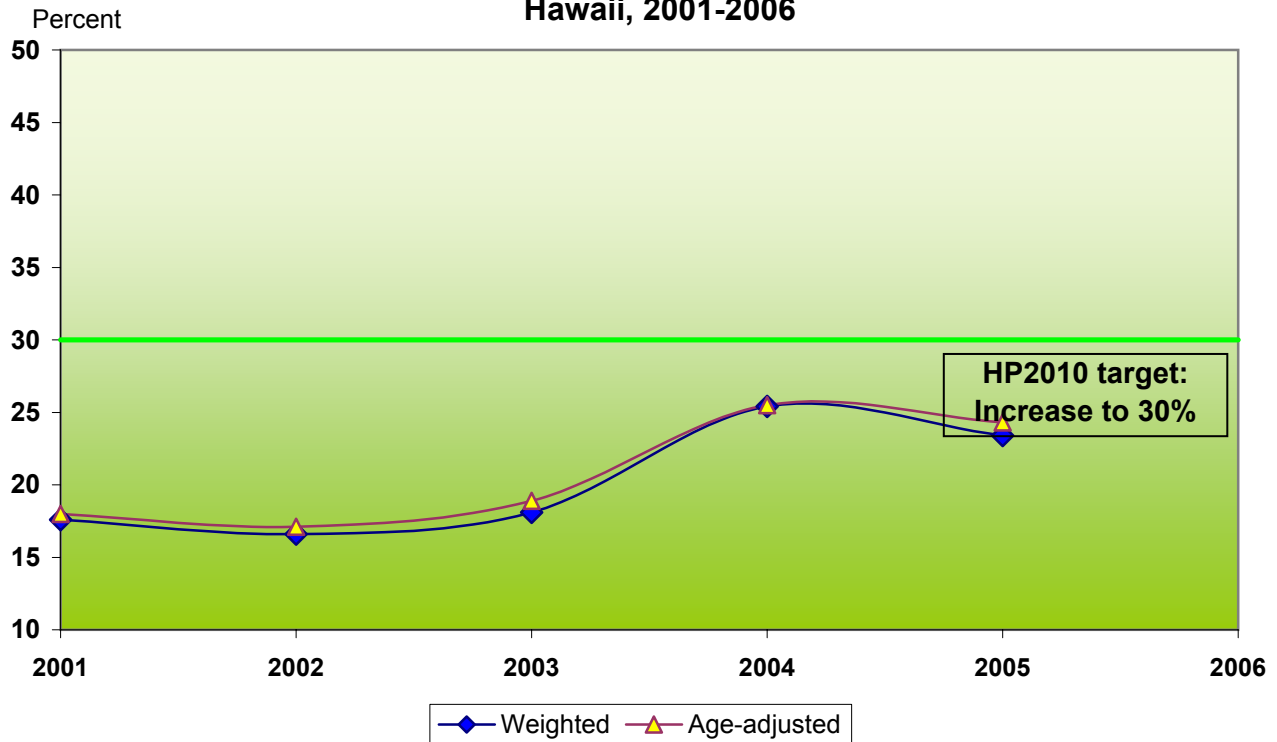


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1937	2605	1761	861	2577	N/A
Meet the standard of having vigorous physical activity	680	763	543	300	815	
Weight percentage	34.9	31.5	33.8	35.5	35.2	
95% C.I.	(32.1 - 37.8)	(29.1 - 34.0)	(31.0 - 36.7)	(31.3 - 40.0)	(32.6 - 37.9)	
Age-adjusted percentage	34.4	31.2	33.7	35.4	35.2	
95% C.I.	(31.7 - 37.2)	(28.9 - 33.5)	(31.1 - 36.4)	(31.3 - 39.8)	(32.8 - 37.7)	
GOAL (%)	30	30	30	30	30	30

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-3/ SUPPLEMENT 2

**Percent of women who engage in vigorous physical activity
at least 3 days per week and 20 minutes per day
Hawaii, 2001-2006**

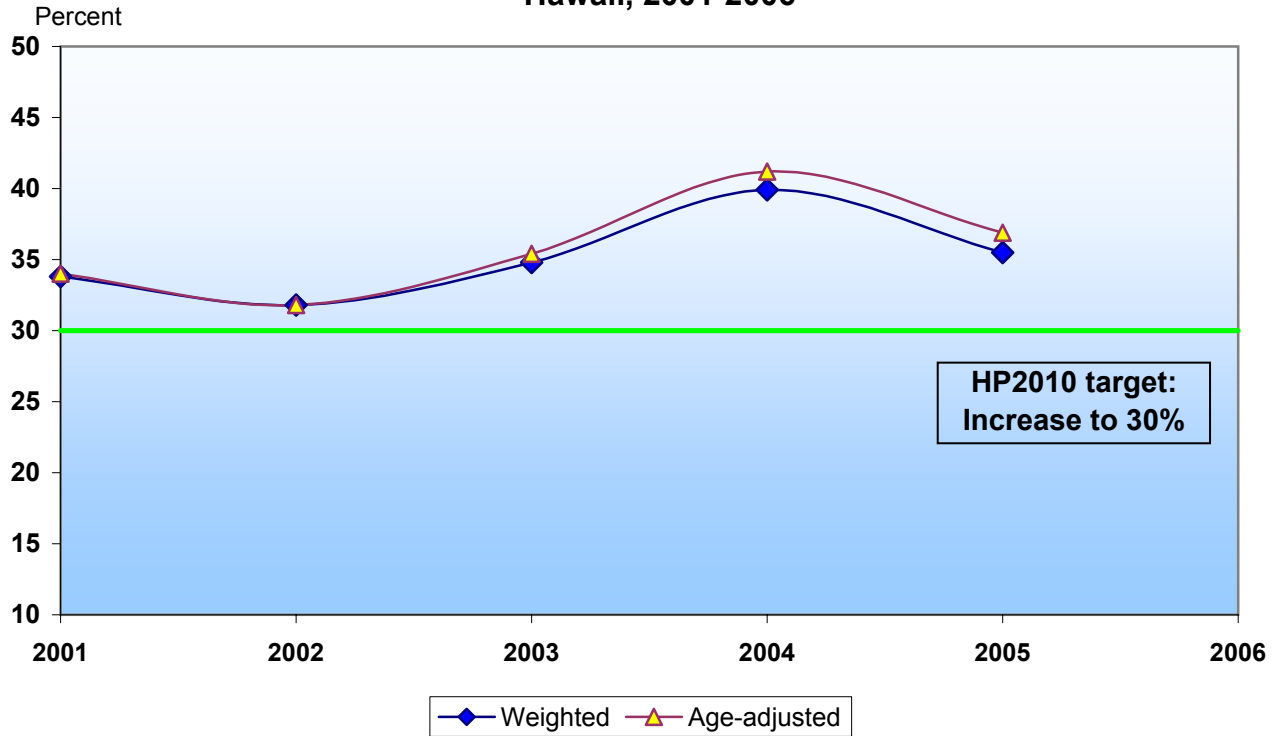


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2563	3395	2578	1341	3839	N/A
Meet the standard of having vigorous physical activity	503	576	465	360	913	
Weight percentage	17.6	16.6	18.1	25.4	23.4	
95% C.I.	(15.7 - 19.6)	(15.1 - 18.3)	(16.3 - 20.0)	(22.4 - 28.7)	(21.7 - 25.3)	
Age-adjusted percentage	18.0	17.1	18.9	25.5	24.3	
95% C.I.	(16.2 - 20.1)	(15.6 - 18.8)	(17.0 - 20.8)	(22.5 - 28.8)	(22.5 - 26.3)	
GOAL (%)	30	30	30	30	30	30

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-3/ SUPPLEMENT 3

**Percent of White adults who engage in vigorous physical activity
at least 3 days per week and 20 minutes per day
Hawaii, 2001-2006**

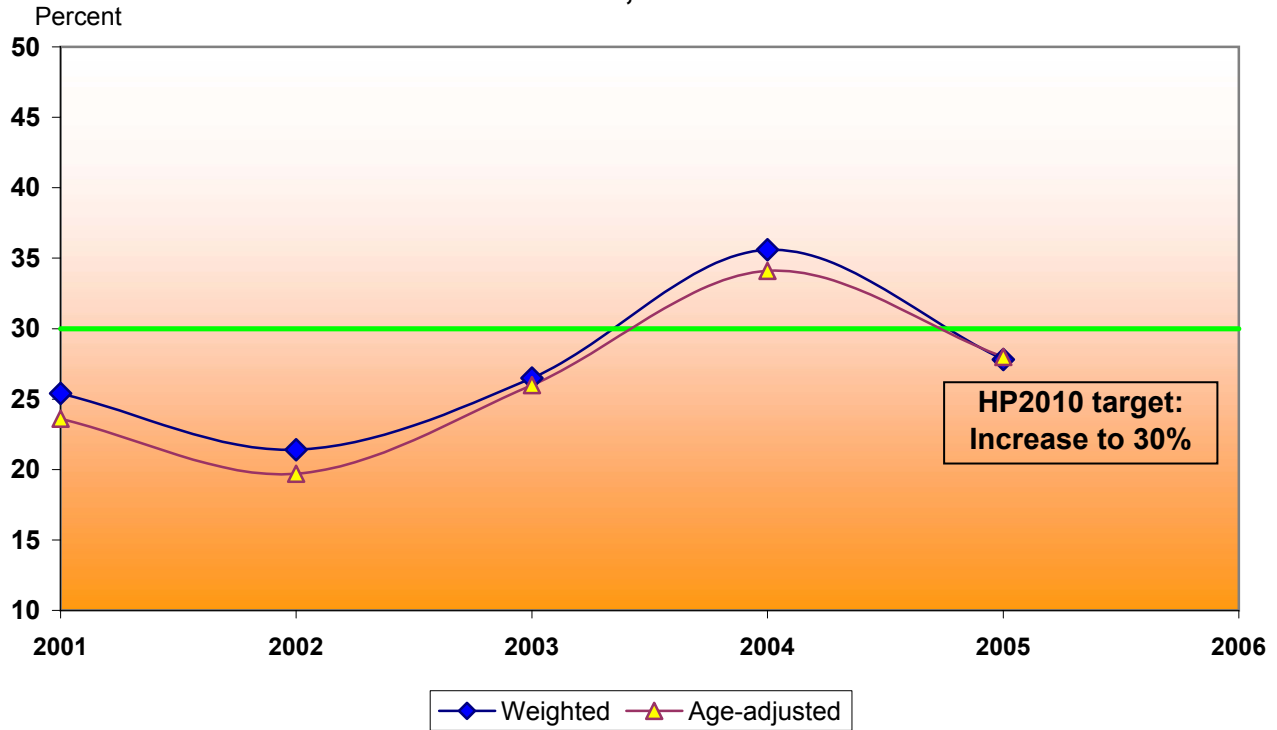


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1857	2481	1666	863	2700	N/A
Meet the standard of having vigorous physical activity	603	722	493	322	874	
Weight percentage	33.8	31.8	34.8	39.9	35.5	
95% C.I.	(30.9 - 36.8)	(29.3 - 34.5)	(31.9 - 37.9)	(35.5 - 44.6)	(32.9 - 38.1)	
Age-adjusted percentage	34.0	31.8	35.4	41.2	36.9	
95% C.I.	(31.2 - 37.0)	(29.3 - 34.4)	(32.6 - 38.3)	(36.6 - 46.0)	(34.3 - 39.5)	
GOAL (%)	30	30	30	30	30	30

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-3/ SUPPLEMENT 4

**Percent of Hawaiians who engage in vigorous physical activity
at least 3 days per week and 20 minutes per day
Hawaii, 2001-2006**

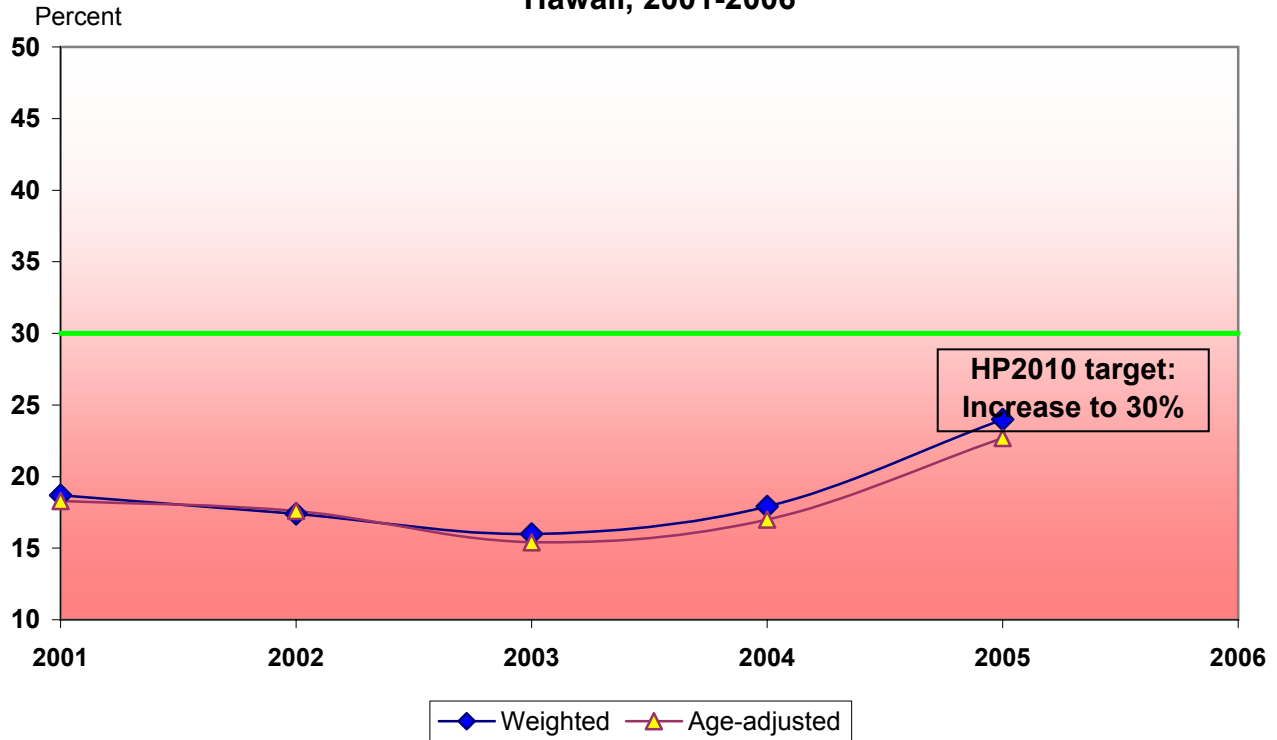


YEAR	2001	2002	2003	2004	2005	2006
Sample size	585	771	612	363	783	N/A
Meet the standard of having vigorous physical activity	143	144	142	116	222	
Weight percentage	25.4	21.4	26.5	35.6	27.8	
95% C.I.	(20.7 - 30.6)	(17.4 - 26.0)	(22.2 - 31.2)	(28.8 - 43.0)	(23.7 - 32.3)	
Age-adjusted percentage	23.6	19.7	26.0	34.1	28.0	
95% C.I.	(19.5 - 28.3)	(16.2 - 23.7)	(22.0 - 30.4)	(27.8 - 41.1)	(24.2 - 32.2)	
GOAL (%)	30	30	30	30	30	30

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-3/ SUPPLEMENT 5

**Percent of Filipinos who engage in vigorous physical activity
at least 3 days per week and 20 minutes per day
Hawaii, 2001-2006**

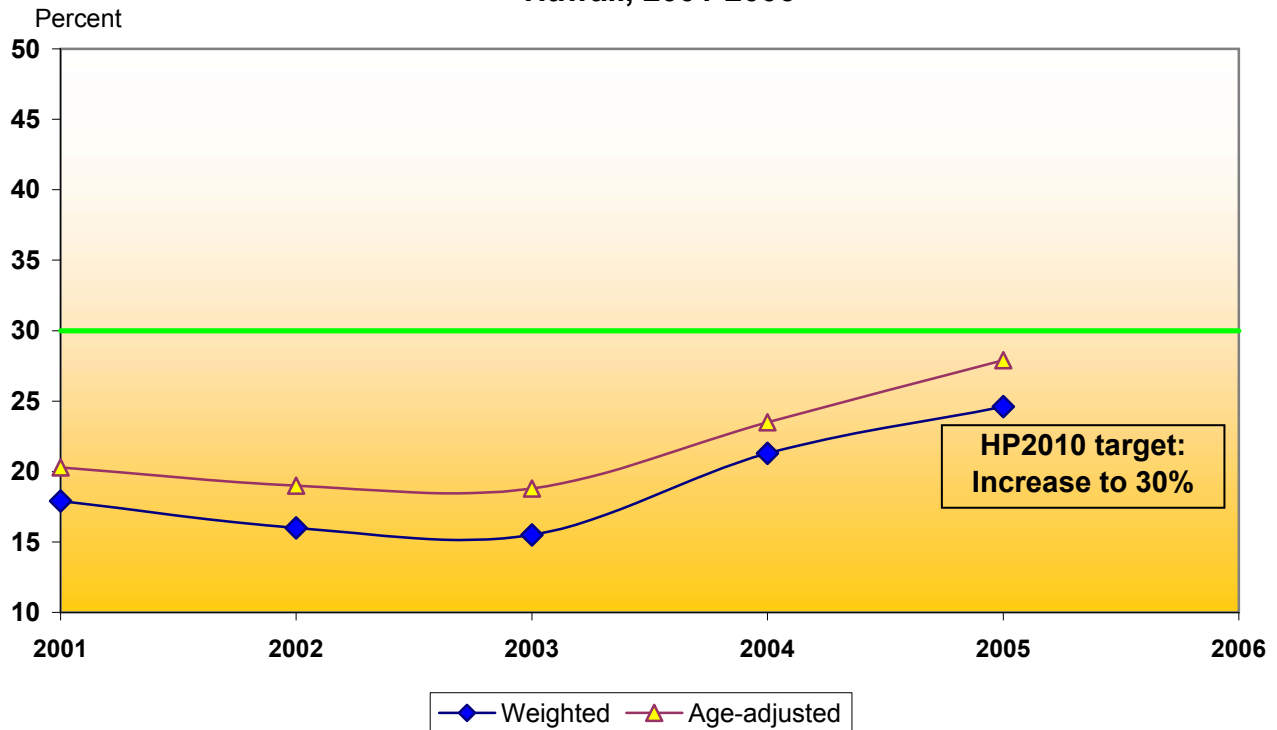


YEAR	2001	2002	2003	2004	2005	2006
Sample size	548	775	504	280	800	N/A
Meet the standard of having vigorous physical activity	101	124	66	52	154	
Weight percentage	18.7	17.4	16.0	17.9	24.0	
95% C.I.	(14.5 - 23.7)	(14.1 - 21.2)	(12.2 - 20.7)	(12.6 - 24.7)	(19.6 - 29.0)	
Age-adjusted percentage	18.3	17.6	15.4	17.0	22.7	
95% C.I.	(14.3 - 23.1)	(14.3 - 21.3)	(11.9 - 19.6)	(12.0 - 23.4)	(18.8 - 27.0)	
GOAL (%)	30	30	30	30	30	30

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-3/ SUPPLEMENT 6

**Percent of Japanese who engage in vigorous physical activity
at least 3 days per week and 20 minutes per day
Hawaii, 2001-2006**

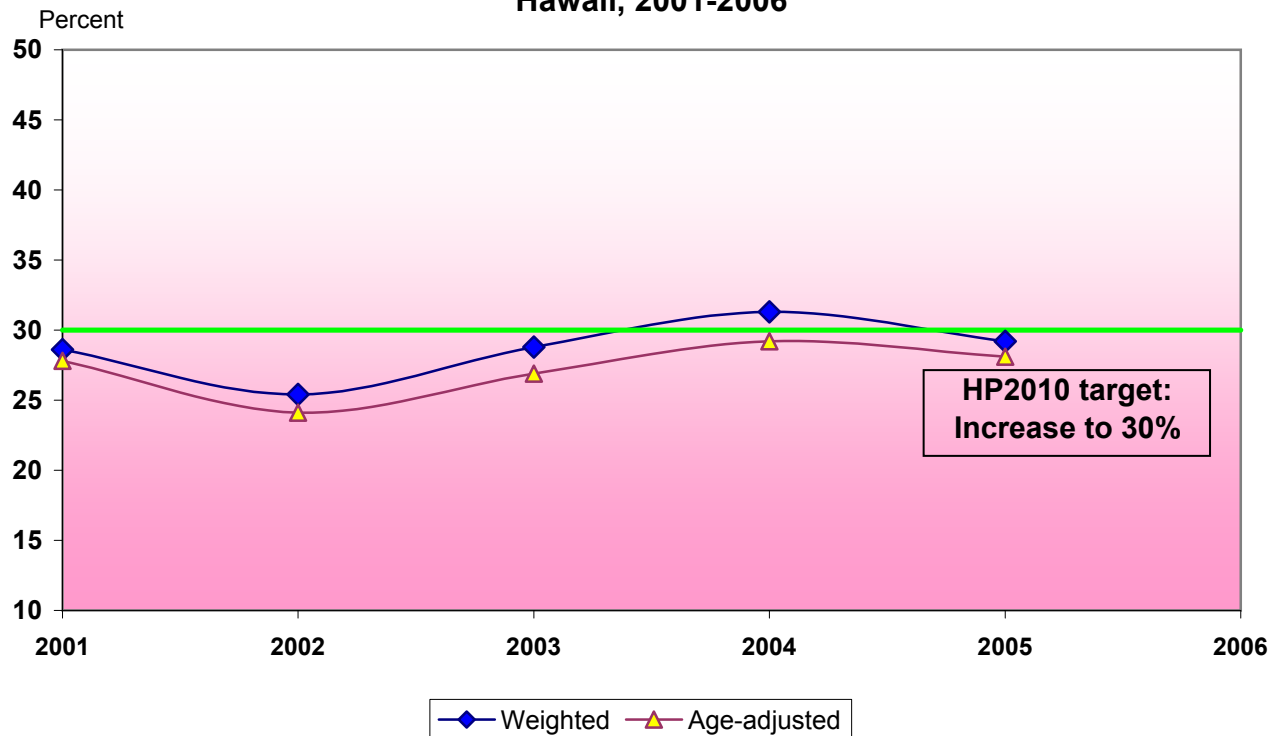


YEAR	2001	2002	2003	2004	2005	2006
Sample size	871	1168	781	444	1290	N/A
Meet the standard of having vigorous physical activity	151	161	103	95	253	
Weight percentage	17.9	16.0	15.5	21.3	24.6	
95% C.I.	(14.8 - 21.4)	(13.3 - 19.1)	(12.2 - 19.6)	(16.8 - 26.6)	(21.4 - 28.1)	
Age-adjusted percentage	20.3	19.0	18.8	23.5	27.9	
95% C.I.	(16.7 - 24.5)	(15.9 - 22.5)	(14.7 - 23.7)	(17.6 - 30.6)	(24.2 - 32.0)	
GOAL (%)	30	30	30	30	30	30

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-3/ SUPPLEMENT 7

**Percent of adults of other races
who engage in vigorous physical activity at least
3 days per week and 20 minutes per day
Hawaii, 2001-2006**

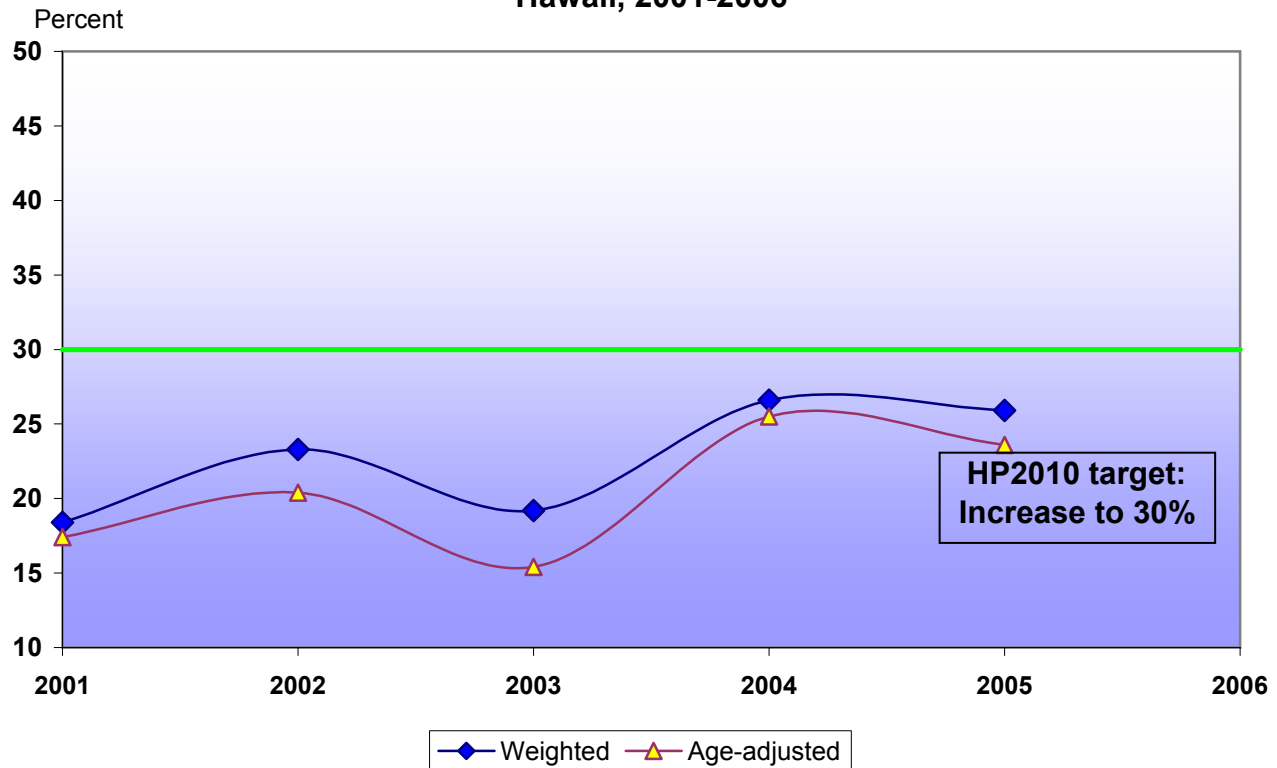


YEAR	2001	2002	2003	2004	2005	2006
Sample size	639	805	776	252	843	N/A
Meet the standard of having vigorous physical activity	185	188	204	75	225	
Weight percentage	28.6	25.4	28.8	31.3	29.2	
95% C.I.	(24.3 - 33.3)	(21.7 - 29.5)	(25.0 - 33.0)	(23.6 - 40.3)	(25.3 - 33.5)	
Age-adjusted percentage	27.8	24.1	26.9	29.2	28.1	
95% C.I.	(23.7 - 32.3)	(20.6 - 28.0)	(23.4 - 30.6)	(23.0 - 36.3)	(24.5 - 32.0)	
GOAL (%)	30	30	30	30	30	30

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-3/ SUPPLEMENT 8

**Percent of adults, in low income households,
who engage in vigorous physical activity at least
3 days per week and 20 minutes per day
Hawaii, 2001-2006**

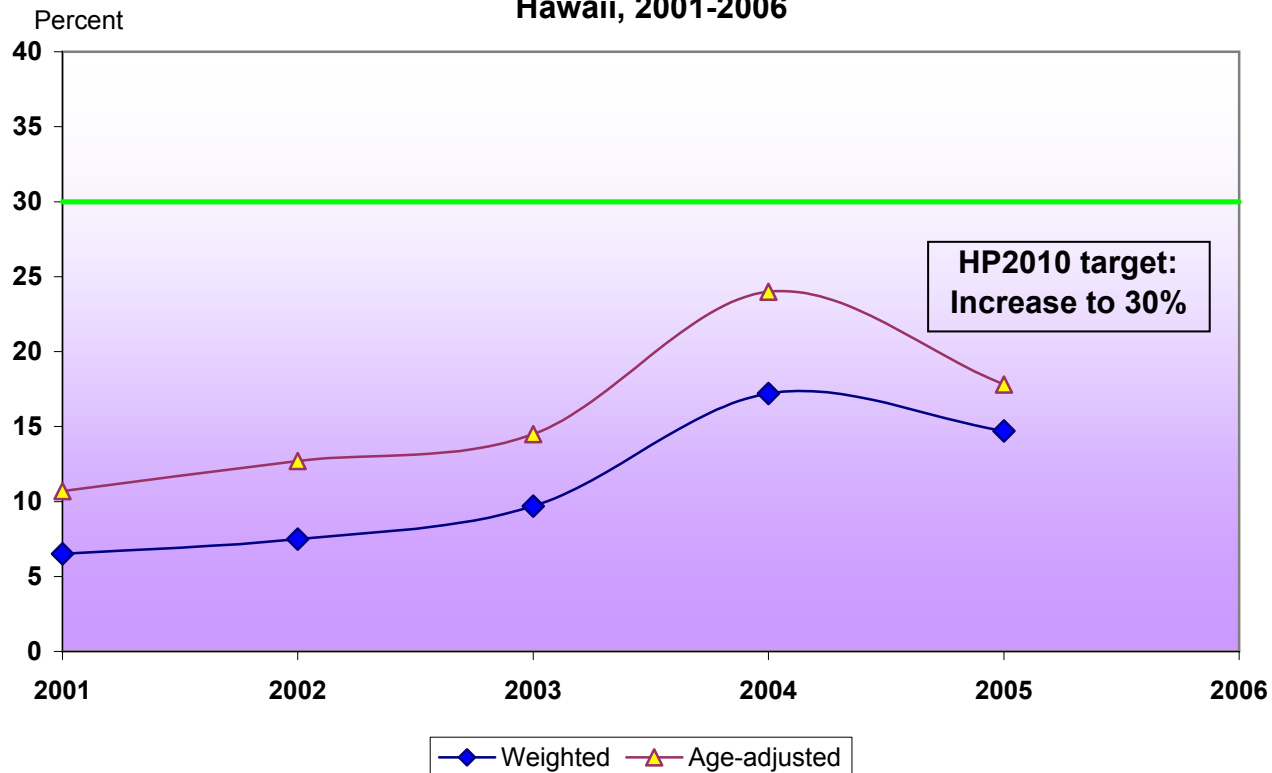


YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	695	601	254	677	N/A
Meet the standard of having vigorous physical activity	103	134	93	59	150	
Weight percentage	18.4	23.3	19.2	26.6	25.9	
95% C.I.	(14.4 - 23.3)	(18.6 - 28.7)	(15.1 - 24.1)	(19.5 - 35.1)	(21.1 - 31.4)	
Age-adjusted percentage	17.4	20.4	15.4	25.5	23.6	
95% C.I.	(13.3 - 22.5)	(16.6 - 24.7)	(12.3 - 19.2)	(18.9 - 33.5)	(19.6 - 28.3)	
GOAL (%)	30	30	30	30	30	30

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-3/ SUPPLEMENT 9

**Percent of adults, with less education,
who engage in vigorous physical activity at least
3 days per week and 20 minutes per day
Hawaii, 2001-2006**

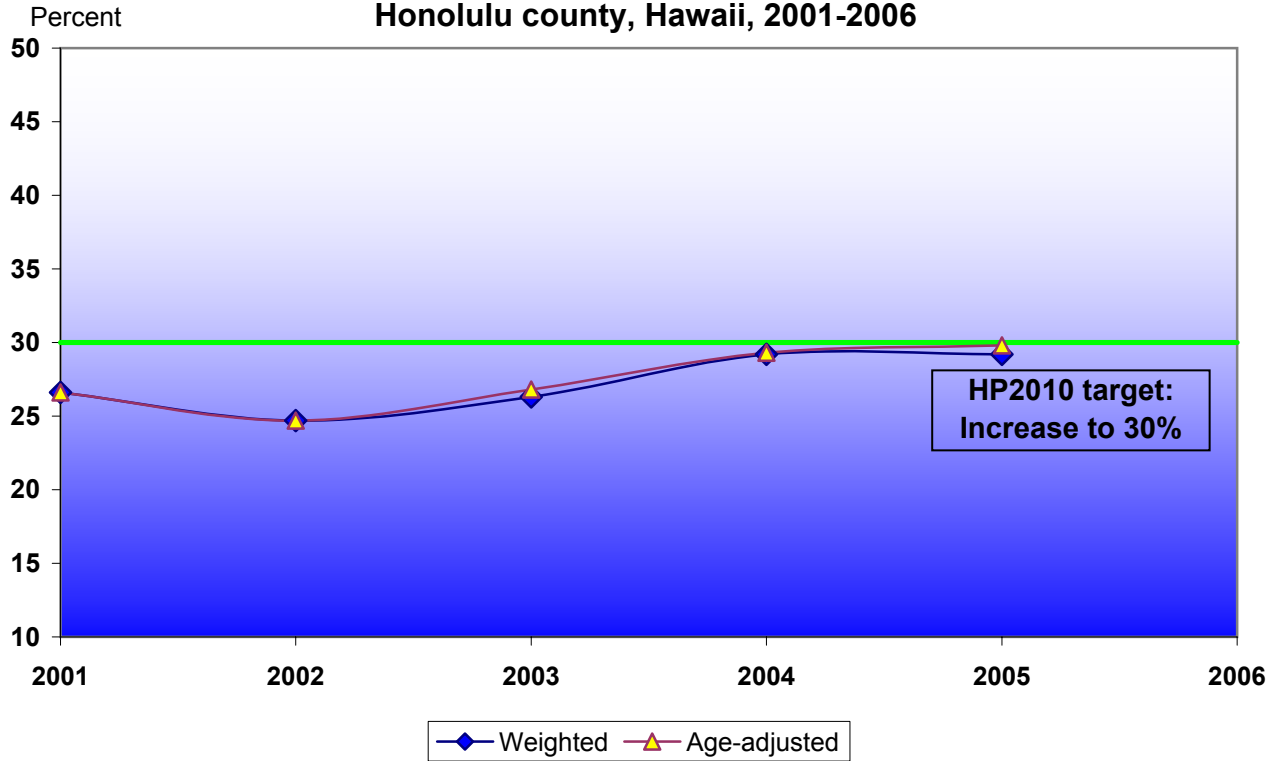


YEAR	2001	2002	2003	2004	2005	2006
Sample size	284	376	239	120	358	N/A
Meet the standard of having vigorous physical activity	18	26	21	19	45	
Weight percentage	6.5	7.5	9.7	17.2	14.7	
95% C.I.	(3.5 - 11.6)	(4.6 - 12.0)	(5.5 - 16.6)	(9.6 - 29.0)	(9.5 - 21.9)	
Age-adjusted percentage	10.7	12.7	14.5	24.0	17.8	
95% C.I.	(6.1 - 18.1)	(7.6 - 20.7)	(7.5 - 26.2)	(13.7 - 38.6)	(11.0 - 27.7)	
GOAL (%)	30	30	30	30	30	30

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-3/ SUPPLEMENT 10

**Percent of adults who engage in vigorous physical activity
at least 3 days per week and 20 minutes per day
Honolulu county, Hawaii, 2001-2006**

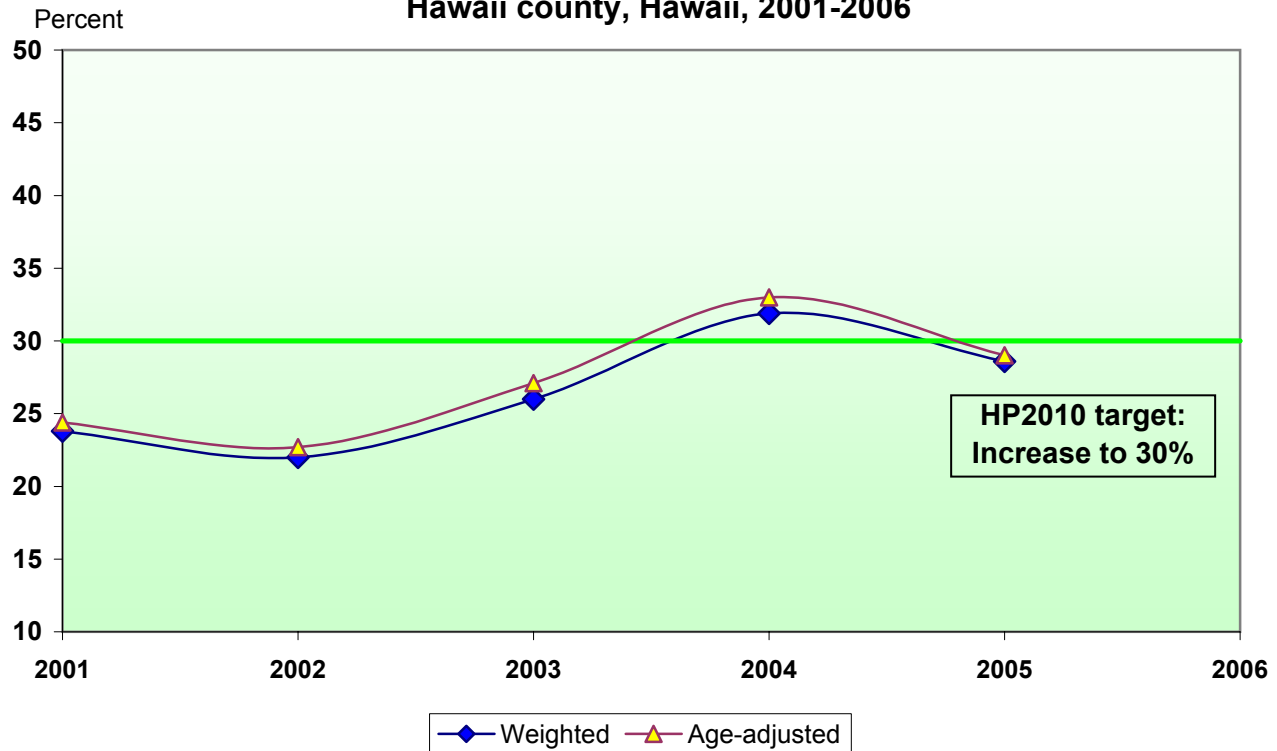


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1920	2812	2246	938	2969	N/A
Meet the standard of having vigorous physical activity	519	648	544	272	787	
Weight percentage	26.6	24.7	26.3	29.2	29.2	
95% C.I.	(24.3 - 28.9)	(22.8 - 26.7)	(24.2 - 28.6)	(25.8 - 32.9)	(27.2 - 31.4)	
Age-adjusted percentage	26.6	24.7	26.8	29.3	29.8	
95% C.I.	(24.4 - 28.9)	(22.9 - 26.7)	(24.7 - 28.9)	(26.0 - 32.9)	(27.8 - 31.8)	
GOAL (%)	30	30	30	30	30	30

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-3/ SUPPLEMENT 11

**Percent of adults who engage in vigorous physical activity
at least 3 days per week and 20 minutes per day
Hawaii county, Hawaii, 2001-2006**

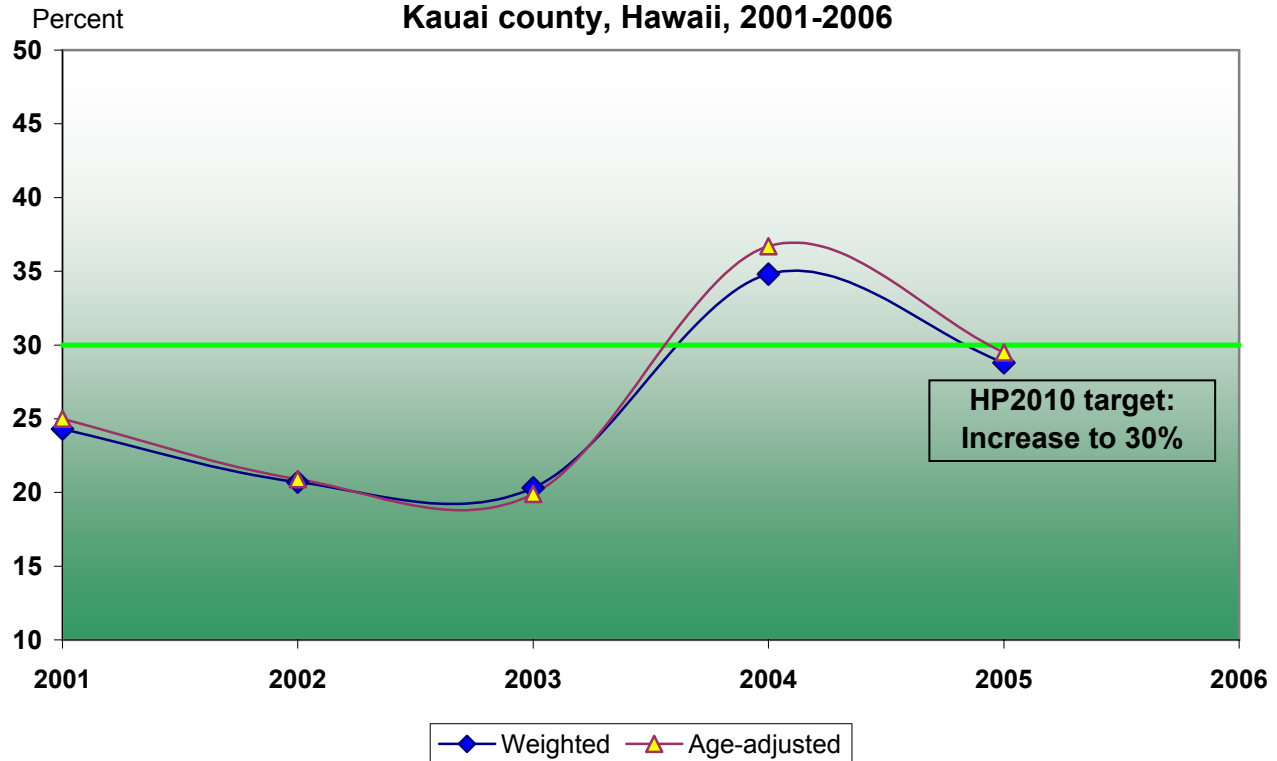


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1020	1379	972	564	1659	N/A
Meet the standard of having vigorous physical activity	249	296	226	172	439	
Weight percentage	23.8	22.0	26.0	31.9	28.6	
95% C.I.	(21.0 - 26.9)	(19.5 - 24.8)	(22.7 - 29.6)	(27.3 - 36.9)	(25.7 - 31.6)	
Age-adjusted percentage	24.4	22.7	27.1	33.0	29.0	
95% C.I.	(21.4 - 27.6)	(20.0 - 25.7)	(23.6 - 30.8)	(28.0 - 38.3)	(26.1 - 32.0)	
GOAL (%)	30	30	30	30	30	30

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-3/ SUPPLEMENT 12

Percent of adults who engage in vigorous physical activity at least 3 days per week and 20 minutes per day
Kauai county, Hawaii, 2001-2006

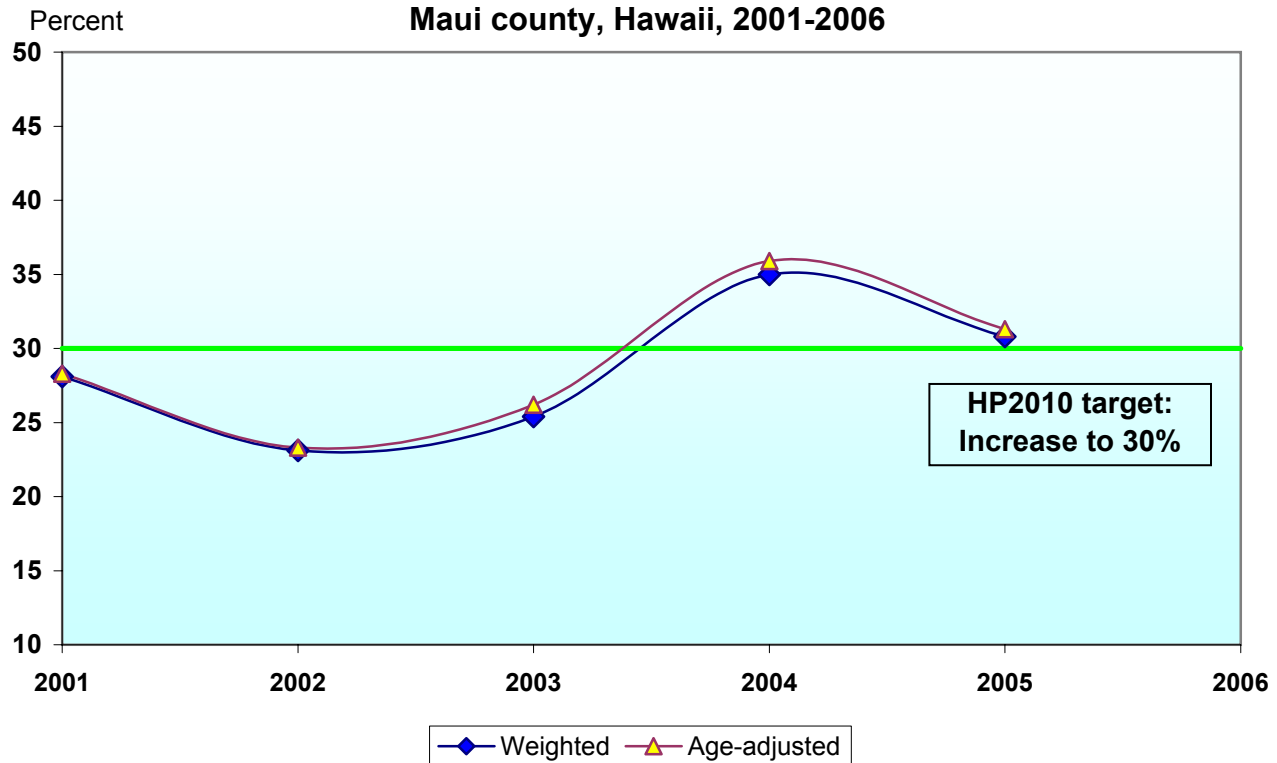


YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	601	421	289	589	N/A
Meet the standard of having vigorous physical activity	133	137	86	91	164	
Weight percentage	24.3	20.7	20.3	34.8	28.8	
95% C.I.	(20.2 - 29.0)	(17.4 - 24.5)	(16.2 - 25.1)	(28.5 - 41.7)	(24.3 - 33.8)	
Age-adjusted percentage	25.0	20.9	19.9	36.7	29.5	
95% C.I.	(20.8 - 29.7)	(17.4 - 24.9)	(15.8 - 24.8)	(30.3 - 43.7)	(24.6 - 34.8)	
GOAL (%)	30	30	30	30	30	30

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 22-3/ SUPPLEMENT 13

**Percent of adults who engage in vigorous physical activity
at least 3 days per week and 20 minutes per day
Maui county, Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	1011	1208	700	411	1199	N/A
Meet the standard of having vigorous physical activity	282	258	152	125	338	
Weight percentage	28.1	23.1	25.4	35.0	30.8	
95% C.I.	(24.8 - 31.8)	(20.3 - 26.2)	(21.3 - 30.0)	(28.5 - 42.1)	(27.2 - 34.6)	
Age-adjusted percentage	28.3	23.3	26.2	35.9	31.3	
95% C.I.	(24.9 - 31.9)	(20.5 - 26.4)	(22.3 - 30.6)	(29.6 - 42.7)	(27.7 - 35.2)	
GOAL (%)	30	30	30	30	30	30

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

SUBSTANCE ABUSE

We have data to track only one objective in this area

Objective 26-11c: Reduce the proportion of persons engaging in binge drinking of alcoholic beverages to 13.4% (change from 6% due to new baseline)

Question used to obtain the data:

From 2001 to 2005:

Considering all types of alcoholic beverages, during the past 30 days, how many times did you have 5 or more drinks on the same occasion? By "occasion," we mean at the same time or within a couple of hours of each other.

In 2006:

Considering all types of alcoholic beverages, during the past 30 days, how many times did you have X (X=5 for men, X=4 for women) or more drinks on the same occasion? By "occasion," we mean at the same time or within a couple of hours of each other.

The national baseline for this objective is 24.3% in 2002. In 2006, the percentage of adults in Hawaii who engage in binge drinking of alcoholic beverages is 17.6%, 6.7% lower than the baseline but higher than the goal of 13.4%.

In addition, our six-year data show that the proportion of adults with binge drinking is increasing. Women binge drinking rate was very low at 4.2% in 2001, but it rose to 9.8% in 2006, more than twice as much. The proportion of men who binge drink is even increasing at a faster pace than women's trend (Figure 26a).

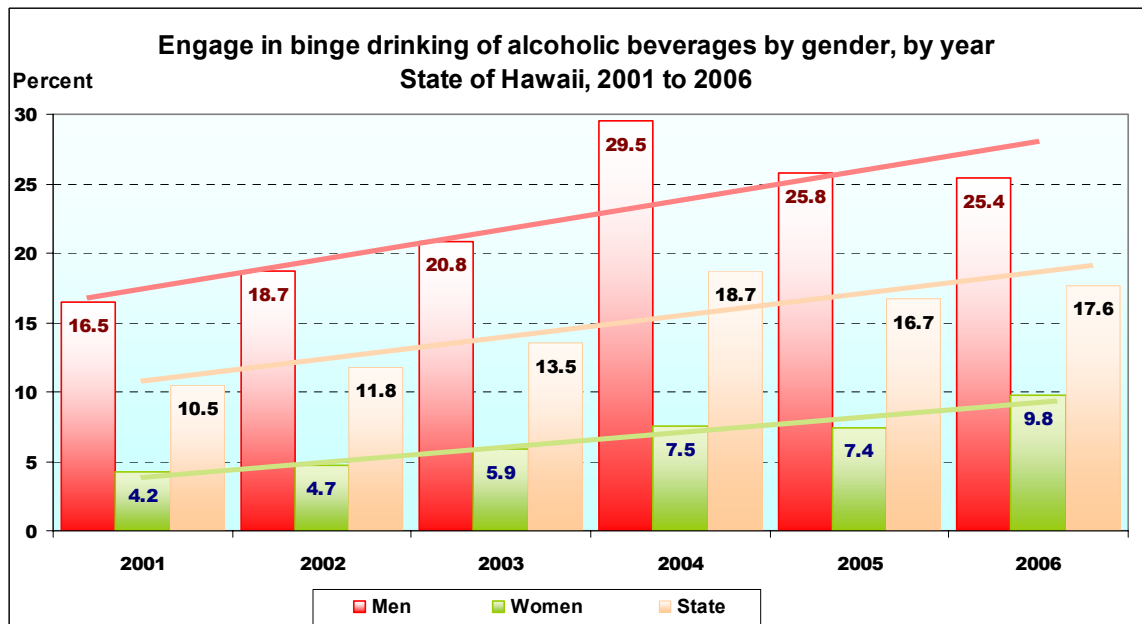


Fig. 26a

By ethnicity, in 2006 Filipinos had the lowest rate of alcoholic beverage binge drinking at 13.1%. It is significantly lower than that for Japanese, Whites, or Hawaiians. Nevertheless, the percentages engaging in binge drinking in each of these four ethnic groups are definitely increasing (Figure 26b).

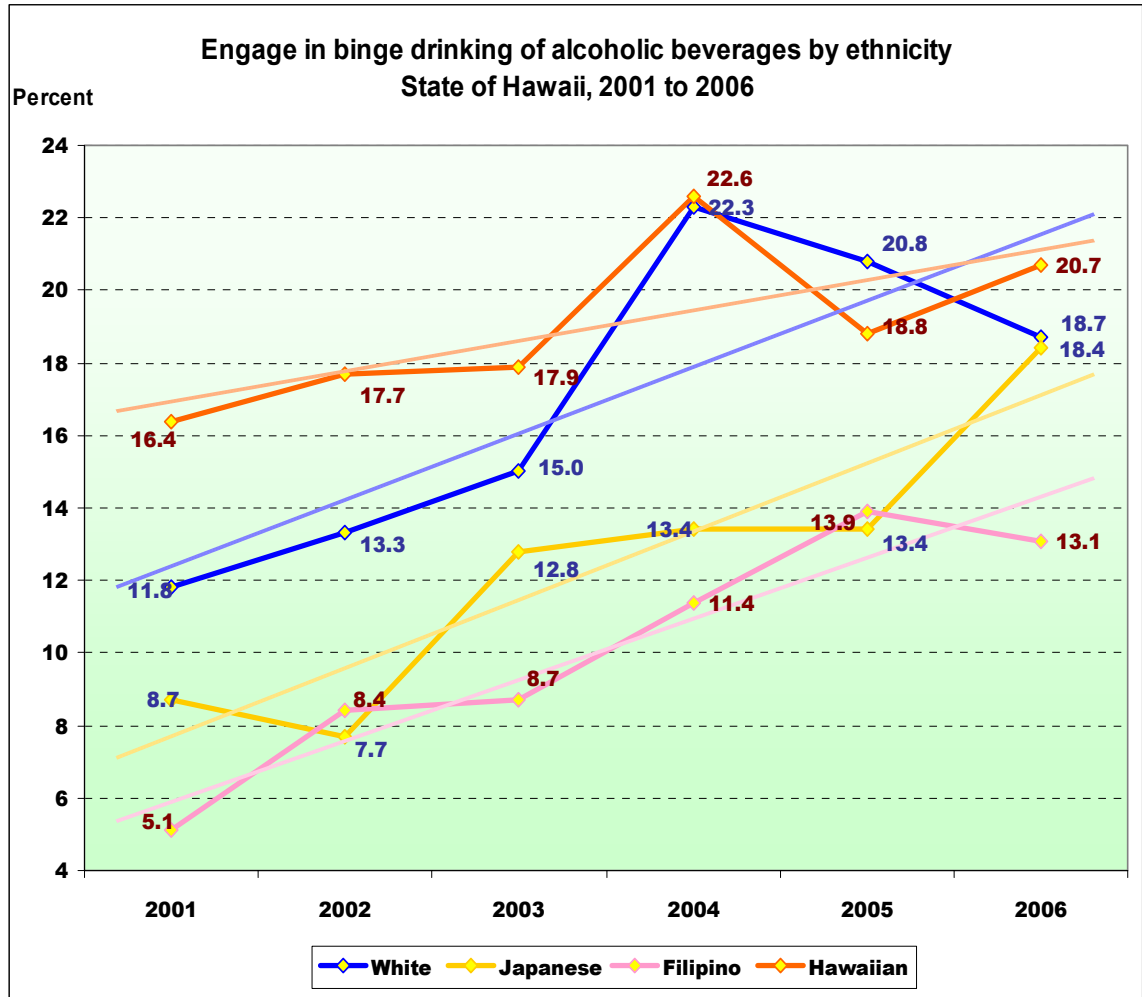


Fig. 26b

By socio-economic status, the trend in binge drinking remains flat among adults in low income households but it appears upward among those with better household income (Figure 26c). Except the year of 2004, HBRFSS data show that there is no significant difference in binge drinking between the groups of people who did not finish High School and those with better education (Figure 26d).

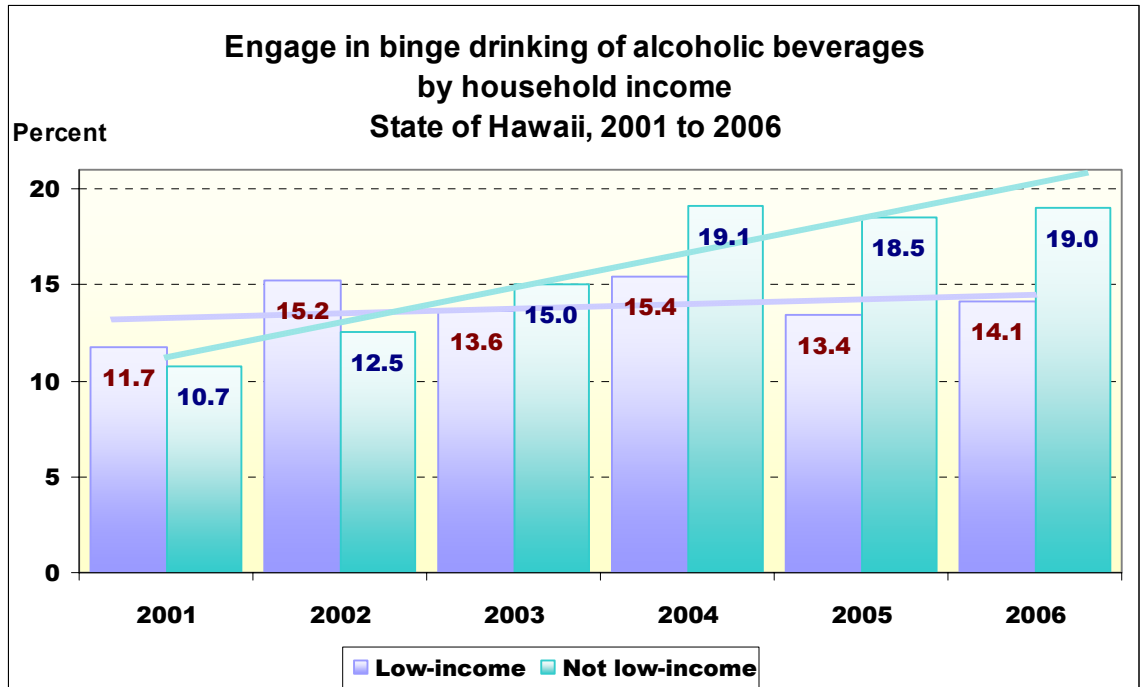


Fig. 26c

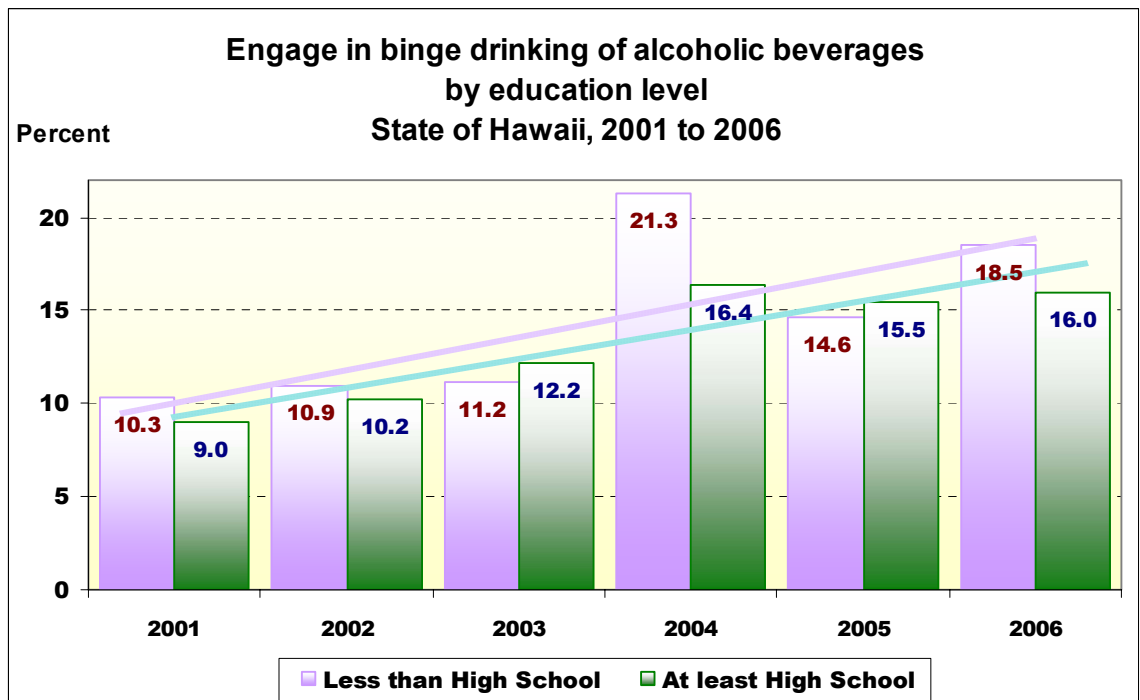
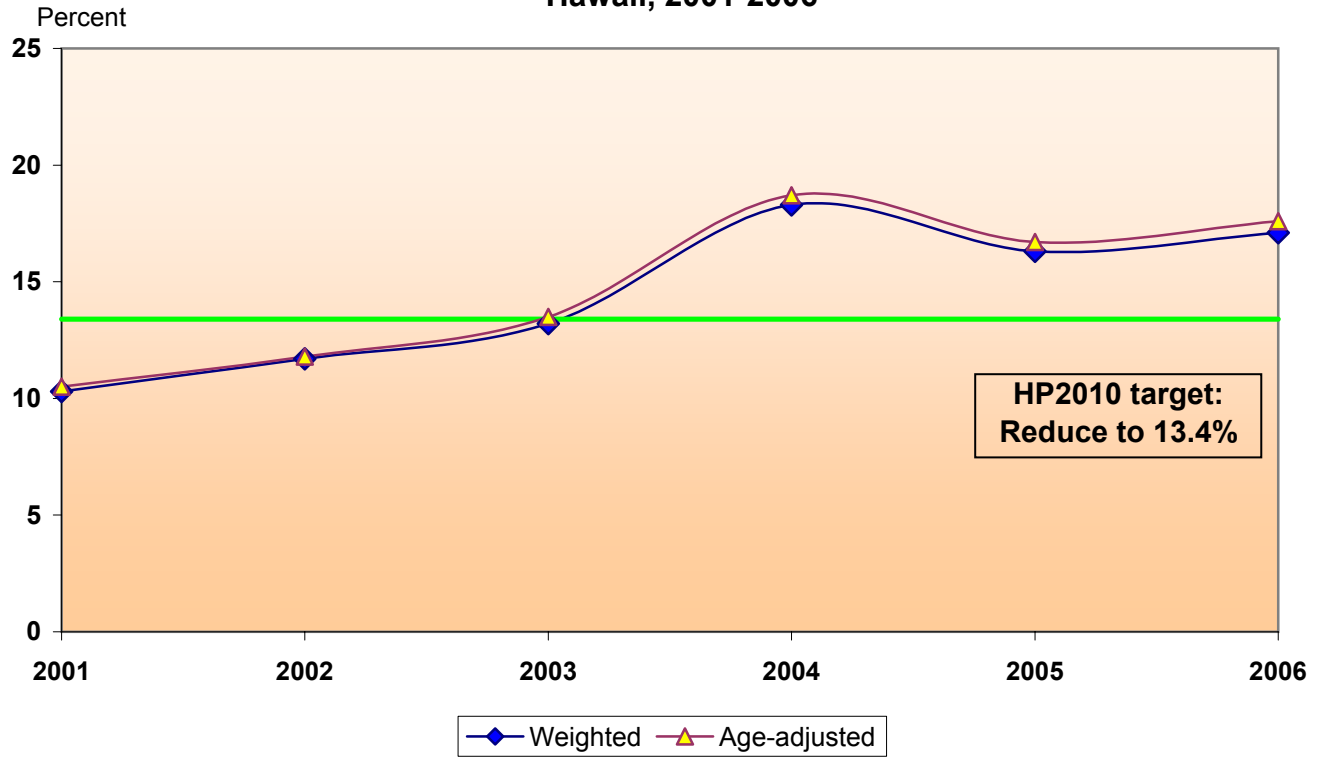


Fig. 26d

OBJECTIVE 26-11c

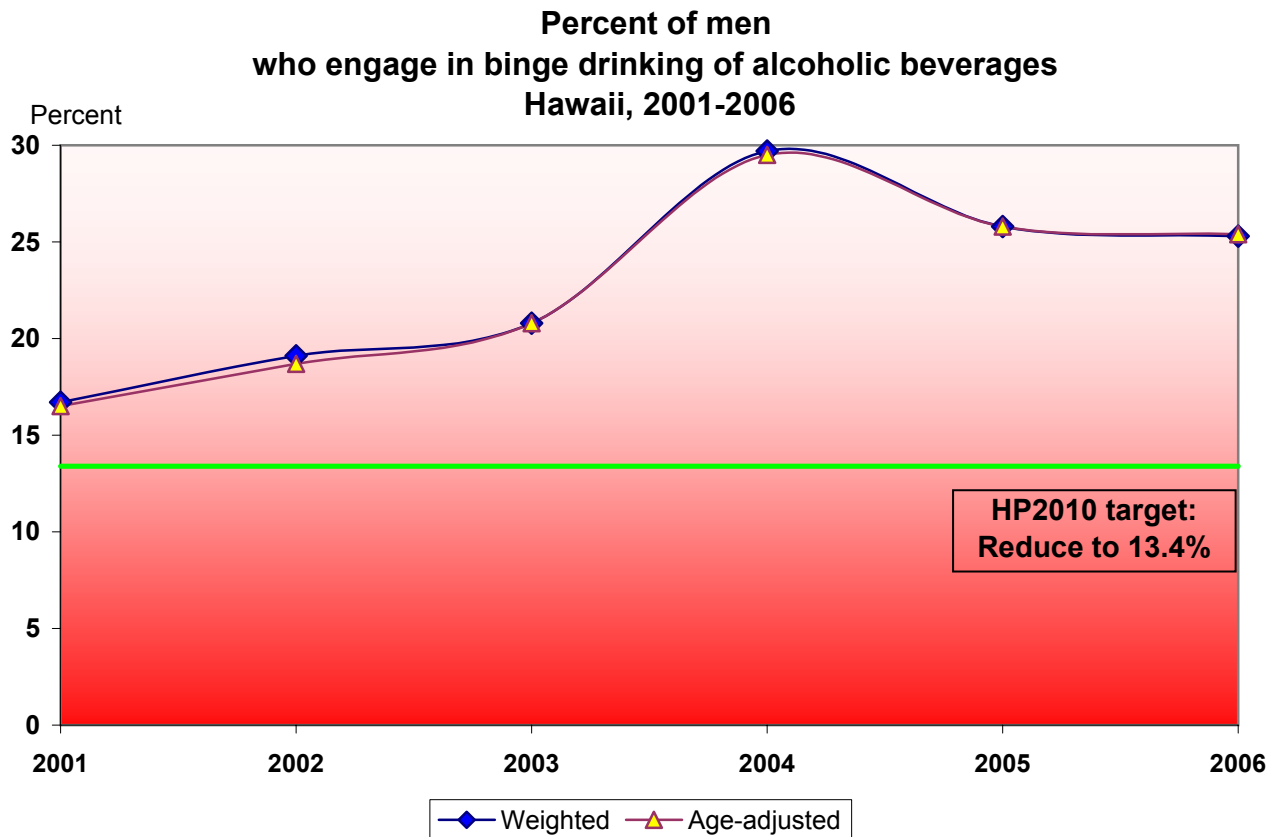
**Percent of adults
who engage in binge drinking of alcoholic beverages
Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	4500	6000	4339	2202	6416	6564
Engage in binge drinking of alcoholic beverages	446	653	497	340	885	935
Weight percentage	10.3	11.7	13.2	18.3	16.3	17.1
95% C.I.	(9.1 - 11.6)	(10.6 - 13.0)	(11.8 - 14.6)	(16.0 - 20.9)	(15.0 - 17.6)	(15.7 - 18.5)
Age-adjusted percentage	10.5	11.8	13.5	18.7	16.7	17.6
95% C.I.	(9.3 - 11.9)	(10.7 - 13.0)	(12.2 - 15.0)	(16.3 - 21.3)	(15.4 - 18.1)	(16.2 - 19.1)
GOAL (%)	13.4	13.4	13.4	13.4	13.4	13.4

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 26-11c/ SUPPLEMENT 1

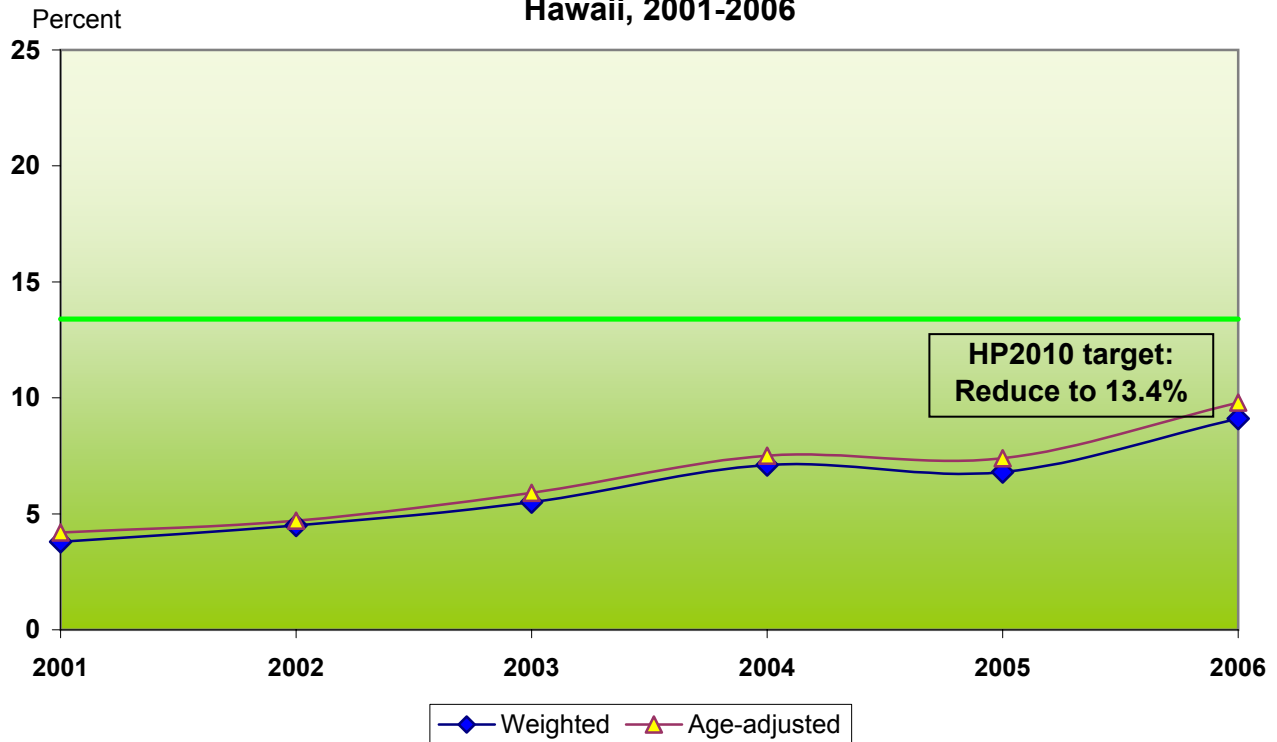


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1937	2605	1761	861	2577	2776
Engage in binge drinking of alcoholic beverages	342	489	353	234	622	611
Weight percentage	16.7	19.1	20.8	29.7	25.8	25.3
95% C.I.	(14.6 - 19.0)	(17.0 - 21.3)	(18.4 - 23.4)	(25.5 - 34.2)	(23.5 - 28.3)	(23.0 - 27.7)
Age-adjusted percentage	16.5	18.7	20.8	29.5	25.8	25.4
95% C.I.	(14.4 - 18.7)	(16.7 - 20.8)	(18.6 - 23.3)	(25.5 - 33.8)	(23.5 - 28.2)	(23.1 - 27.8)
GOAL (%)	13.4	13.4	13.4	13.4	13.4	13.4

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 26-11c/ SUPPLEMENT 2

**Percent of women
who engage in binge drinking of alcoholic beverages
Hawaii, 2001-2006**

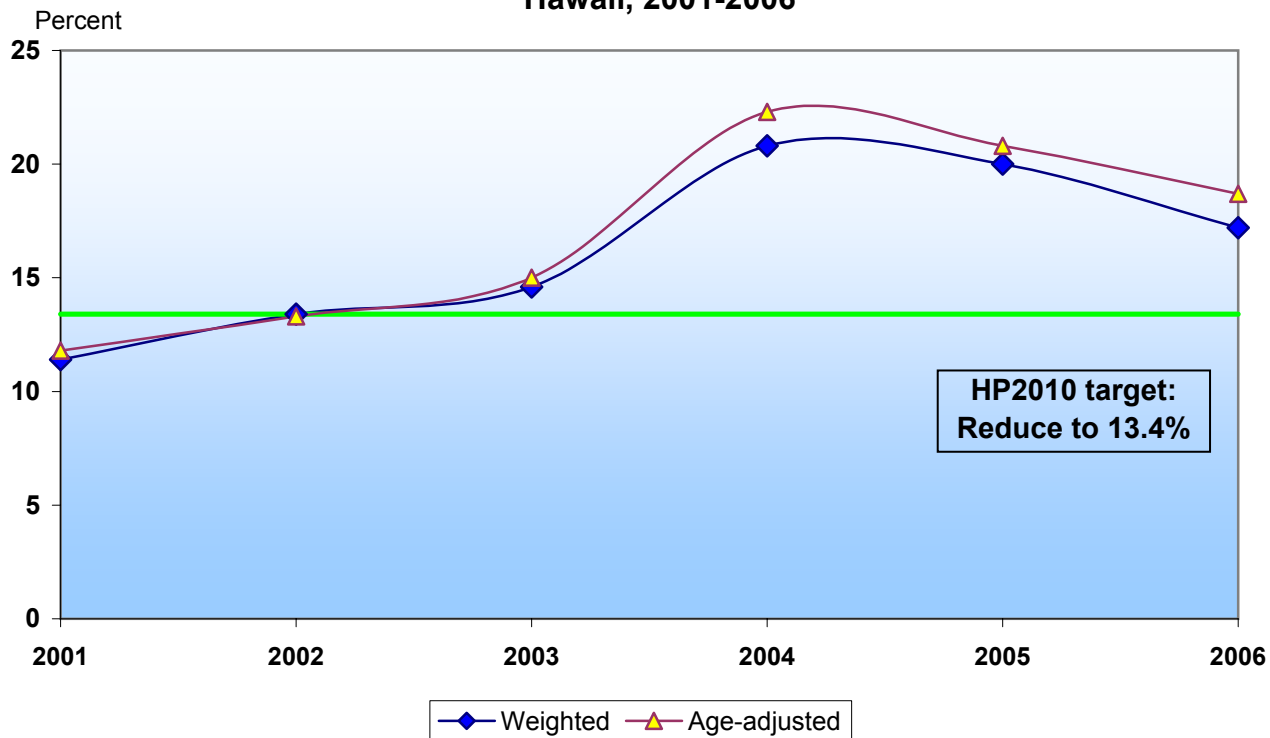


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2563	3395	2578	1341	3839	3788
Engage in binge drinking of alcoholic beverages	104	164	144	106	263	324
Weight percentage	3.8	4.5	5.5	7.1	6.8	9.1
95% C.I.	(2.9 - 5.0)	(3.7 - 5.4)	(4.6 - 6.7)	(5.6 - 9.1)	(5.8 - 8.0)	(7.8 - 10.5)
Age-adjusted percentage	4.2	4.7	5.9	7.5	7.4	9.8
95% C.I.	(3.2 - 5.4)	(3.9 - 5.7)	(4.9 - 7.2)	(5.8 - 9.5)	(6.3 - 8.7)	(8.4 - 11.3)
GOAL (%)	13.4	13.4	13.4	13.4	13.4	13.4

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 26-11c/ SUPPLEMENT 3

**Percent of White adults
who engage in binge drinking of alcoholic beverages
Hawaii, 2001-2006**

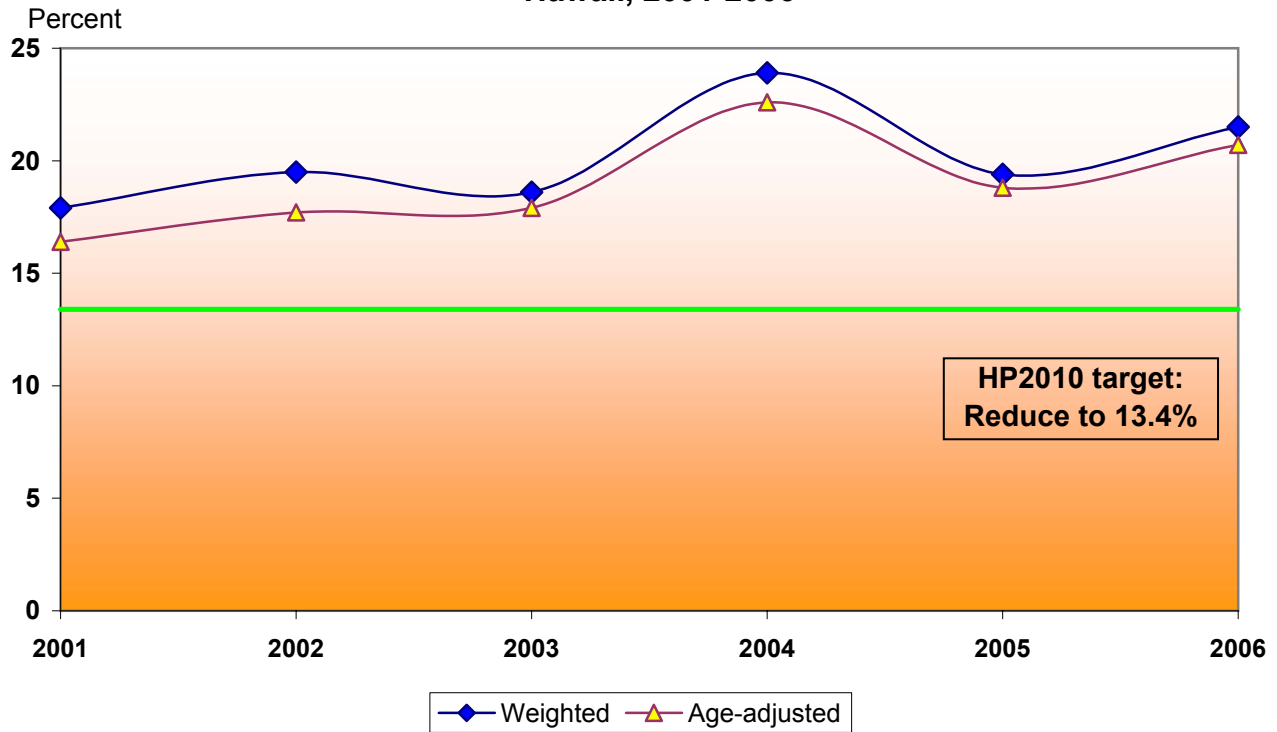


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1857	2481	1666	863	2700	2739
Engage in binge drinking of alcoholic beverages	195	298	210	145	414	403
Weight percentage	11.4	13.4	14.6	20.8	20.0	17.2
95% C.I.	(9.5 - 13.5)	(11.4 - 15.6)	(12.4 - 17.2)	(16.9 - 25.4)	(17.7 - 22.5)	(15.2 - 19.4)
Age-adjusted percentage	11.8	13.3	15.0	22.3	20.8	18.7
95% C.I.	(9.9 - 14.0)	(11.3 - 15.5)	(12.8 - 17.6)	(18.2 - 27.0)	(18.4 - 23.5)	(16.4 - 21.2)
GOAL (%)	13.4	13.4	13.4	13.4	13.4	13.4

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 26-11c/ SUPPLEMENT 4

**Percent of Hawaiians
who engage in binge drinking of alcoholic beverages
Hawaii, 2001-2006**

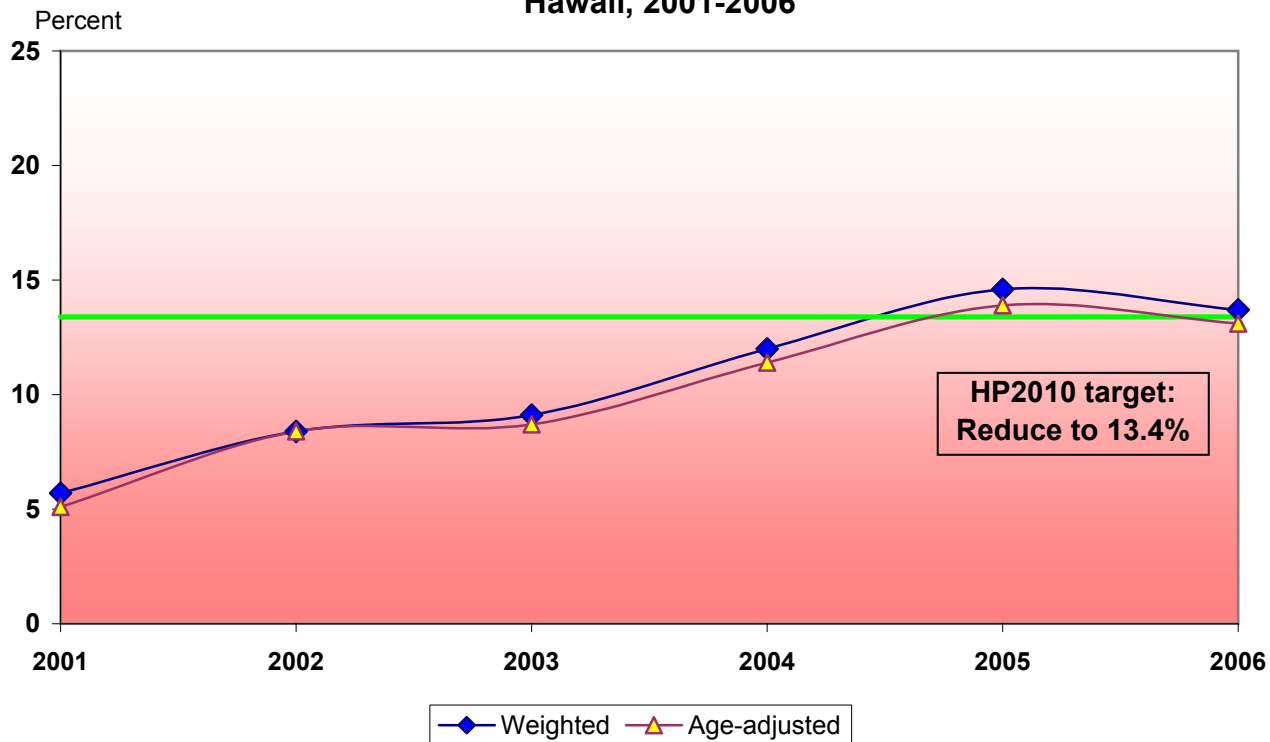


YEAR	2001	2002	2003	2004	2005	2006
Sample size	585	771	612	363	783	796
Engage in binge drinking of alcoholic beverages	85	135	101	76	141	162
Weight percentage	17.9	19.5	18.6	23.9	19.4	21.5
95% C.I.	(13.5 - 23.2)	(15.6 - 24.0)	(14.9 - 23.0)	(18.0 - 31.1)	(15.7 - 23.6)	(17.7 - 26.0)
Age-adjusted percentage	16.4	17.7	17.9	22.6	18.8	20.7
95% C.I.	(12.5 - 21.2)	(14.3 - 21.7)	(14.5 - 22.0)	(17.1 - 29.2)	(15.3 - 22.9)	(17.1 - 24.8)
GOAL (%)	13.4	13.4	13.4	13.4	13.4	13.4

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 26-11c/ SUPPLEMENT 5

**Percent of Filipinos
who engage in binge drinking of alcoholic beverages
Hawaii, 2001-2006**

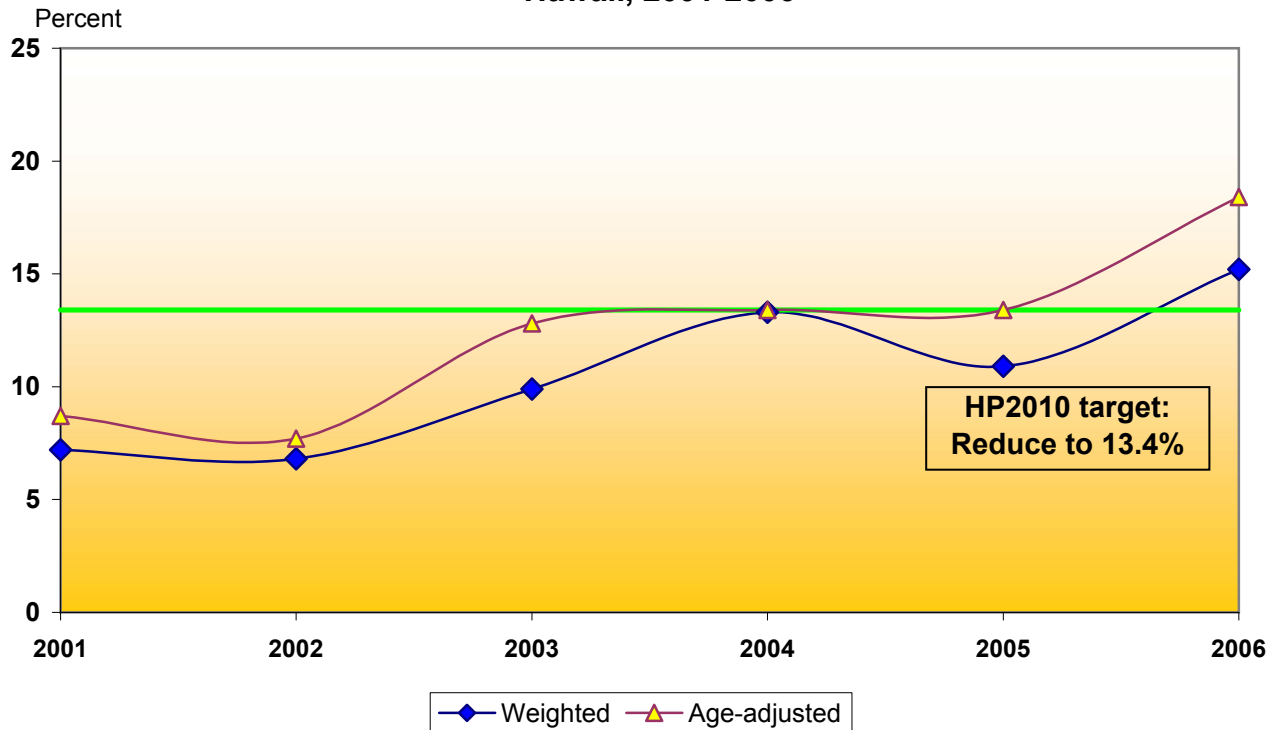


YEAR	2001	2002	2003	2004	2005	2006
Sample size	548	775	504	280	800	792
Engage in binge drinking of alcoholic beverages	39	62	30	27	98	95
Weight percentage	5.7	8.4	9.1	12.0	14.6	13.7
95% C.I.	(3.6 - 9.0)	(6.2 - 11.3)	(5.9 - 13.9)	(7.7 - 18.2)	(11.3 - 18.7)	(10.6 - 17.5)
Age-adjusted percentage	5.1	8.4	8.7	11.4	13.9	13.1
95% C.I.	(3.2 - 7.9)	(6.3 - 11.3)	(5.7 - 13.1)	(7.3 - 17.4)	(10.9 - 17.5)	(10.1 - 16.9)
GOAL (%)	13.4	13.4	13.4	13.4	13.4	13.4

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 26-11c/ SUPPLEMENT 6

**Percent of Japanese
who engage in binge drinking of alcoholic beverages
Hawaii, 2001-2006**

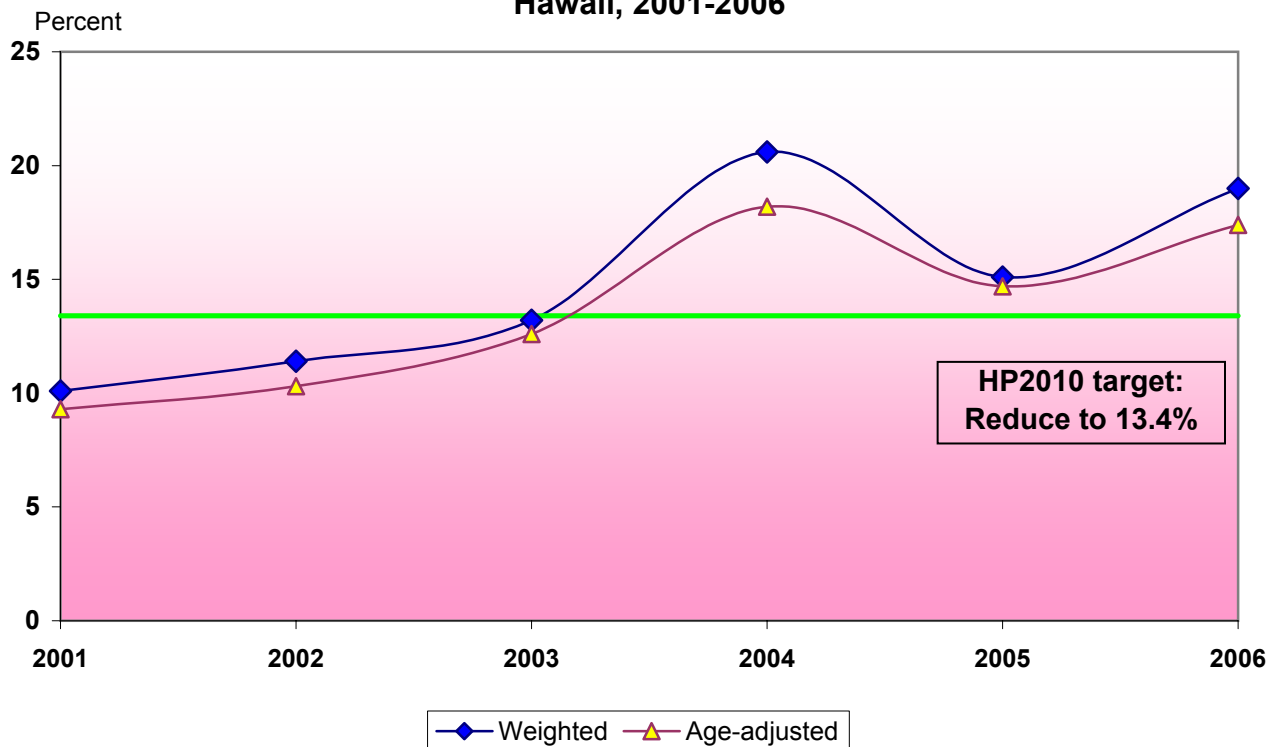


YEAR	2001	2002	2003	2004	2005	2006
Sample size	871	1168	781	444	1290	1287
Engage in binge drinking of alcoholic beverages	62	70	63	54	122	145
Weight percentage	7.2	6.8	9.9	13.3	10.9	15.2
95% C.I.	(5.1 - 9.9)	(5.0 - 9.0)	(7.4 - 13.1)	(9.7 - 18.0)	(8.8 - 13.5)	(12.5 - 18.4)
Age-adjusted percentage	8.7	7.7	12.8	13.4	13.4	18.4
95% C.I.	(6.1 - 12.3)	(5.7 - 10.4)	(9.5 - 17.2)	(9.4 - 18.6)	(10.7 - 16.6)	(14.9 - 22.5)
GOAL (%)	13.4	13.4	13.4	13.4	13.4	13.4

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 26-11c/ SUPPLEMENT 7

**Percent of adults of other races
who engage in binge drinking of alcoholic beverages
Hawaii, 2001-2006**

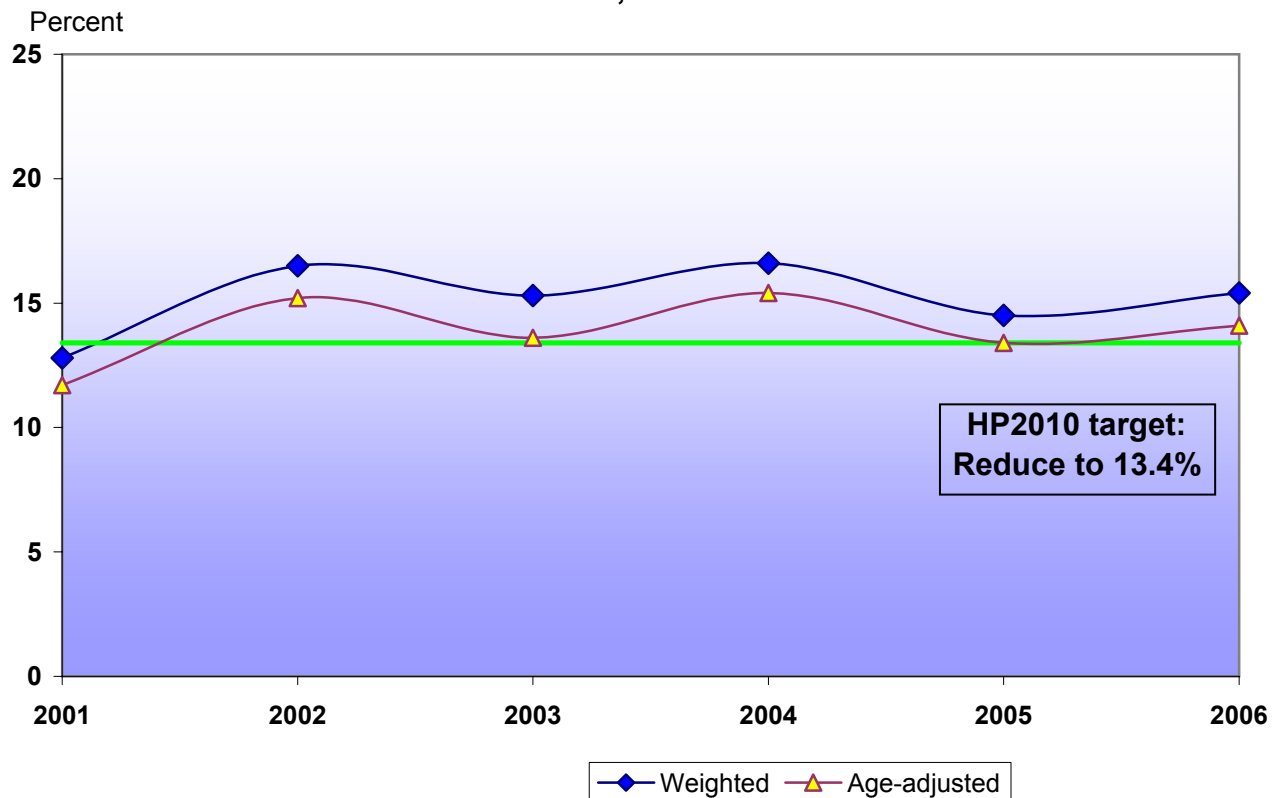


YEAR	2001	2002	2003	2004	2005	2006
Sample size	639	805	776	252	843	950
Engage in binge drinking of alcoholic beverages	65	88	93	38	110	130
Weight percentage	10.1	11.4	13.2	20.6	15.1	19.0
95% C.I.	(7.3 - 13.7)	(8.9 - 14.4)	(10.4 - 16.6)	(13.7 - 29.9)	(12.1 - 18.7)	(15.4 - 23.2)
Age-adjusted percentage	9.3	10.3	12.6	18.2	14.7	17.4
95% C.I.	(6.9 - 12.5)	(8.1 - 13.0)	(10.0 - 15.8)	(12.8 - 25.3)	(11.8 - 18.1)	(14.3 - 20.9)
GOAL (%)	13.4	13.4	13.4	13.4	13.4	13.4

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 26-11c/ SUPPLEMENT 8

**Percent of adults, in low income households,
who engage in binge drinking of alcoholic beverages
Hawaii, 2001-2006**

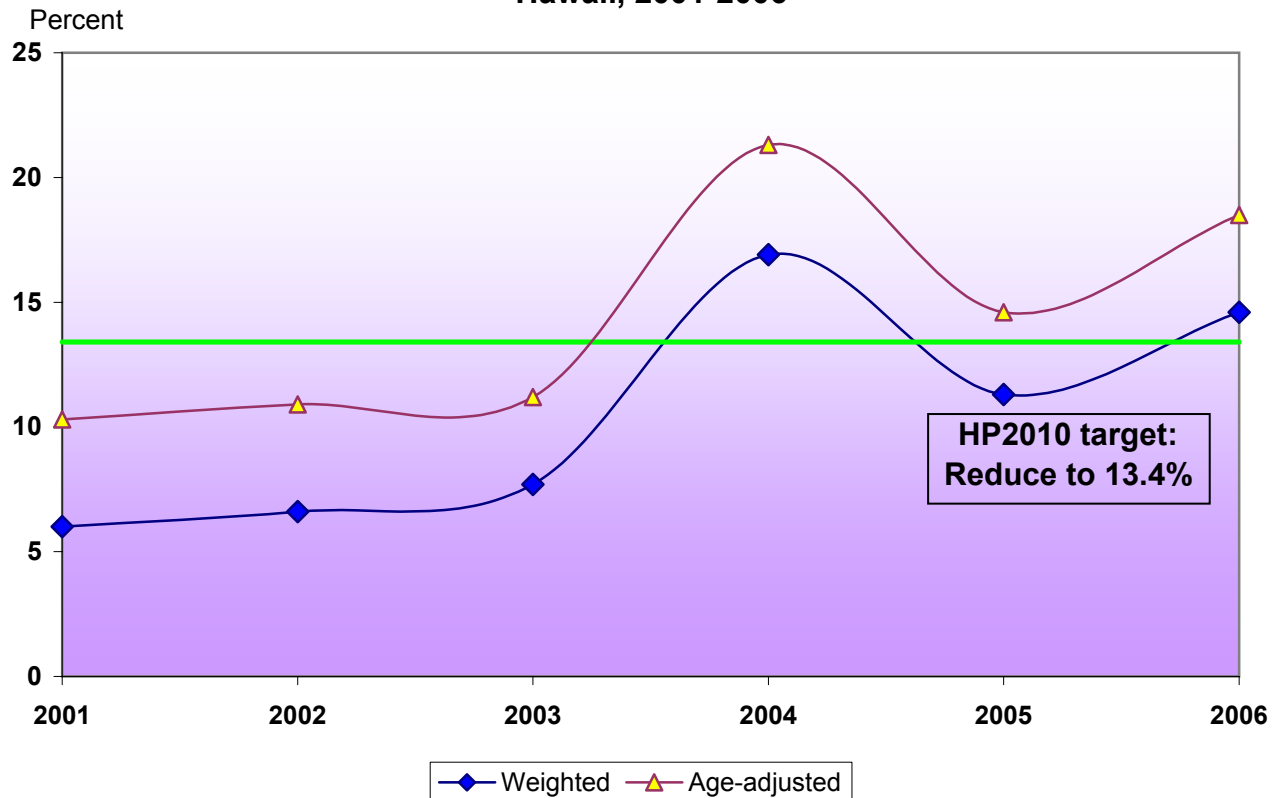


YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	695	601	254	677	702
Engage in binge drinking of alcoholic beverages	58	90	76	33	91	90
Weight percentage	12.8	16.5	15.3	16.6	14.5	15.4
95% C.I.	(9.1 - 17.6)	(12.2 - 22.1)	(11.7 - 19.7)	(10.8 - 24.7)	(11.0 - 18.9)	(11.5 - 20.3)
Age-adjusted percentage	11.7	15.2	13.6	15.4	13.4	14.1
95% C.I.	(8.5 - 15.9)	(11.2 - 20.3)	(10.5 - 17.3)	(10.1 - 22.8)	(10.4 - 17.2)	(10.8 - 18.2)
GOAL (%)	13.4	13.4	13.4	13.4	13.4	13.4

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 26-11c/ SUPPLEMENT 9

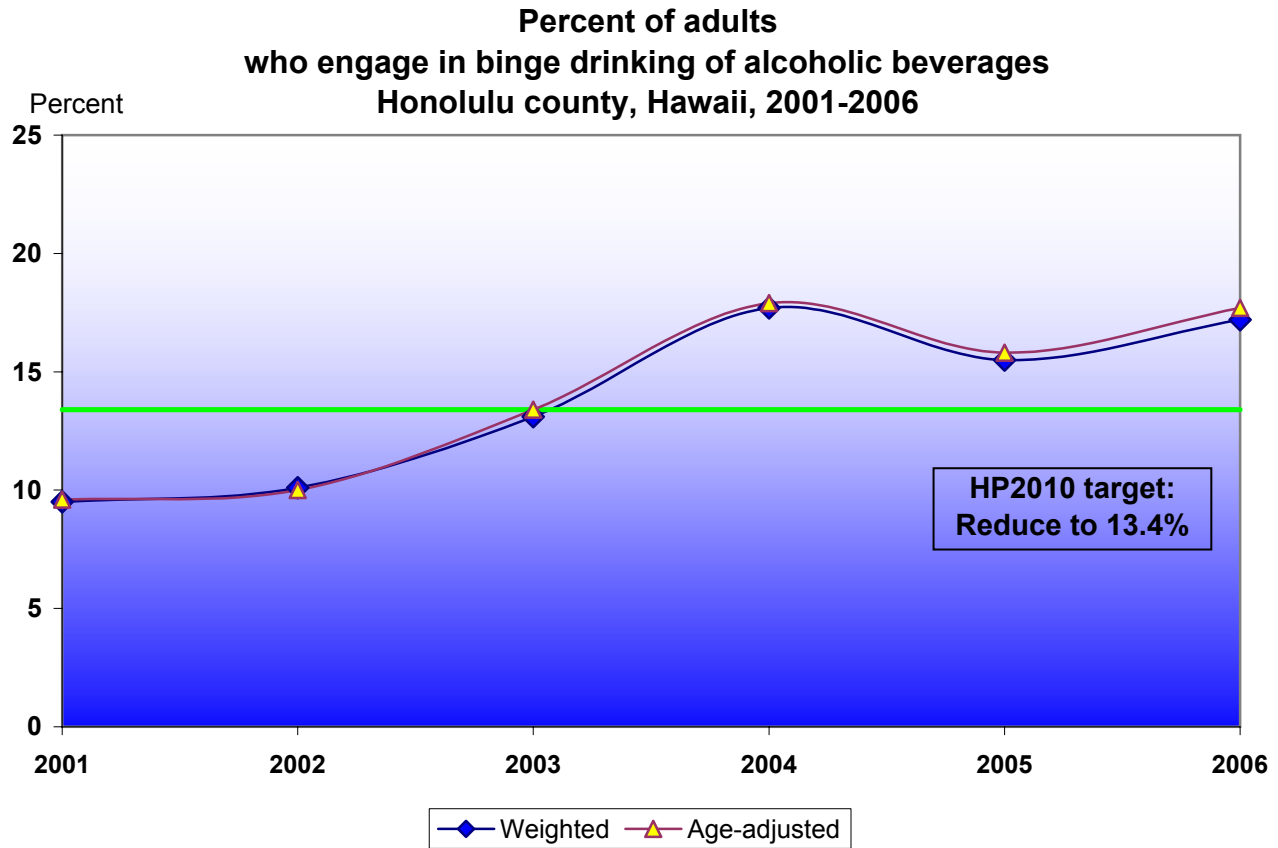
**Percent of adults, with less education,
who engage in binge drinking of alcoholic beverages
Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	284	376	239	120	358	383
Engage in binge drinking of alcoholic beverages	12	23	13	13	40	39
Weight percentage	6.0	6.6	7.7	16.9	11.3	14.6
95% C.I.	(2.8 - 12.3)	(4.0 - 10.7)	(4.2 - 13.8)	(8.4 - 31.1)	(7.6 - 16.4)	(9.5 - 21.8)
Age-adjusted percentage	10.3	10.9	11.2	21.3	14.6	18.5
95% C.I.	(5.0 - 20.0)	(6.3 - 18.1)	(6.2 - 19.5)	(10.3 - 38.9)	(9.7 - 21.5)	(12.5 - 26.6)
GOAL (%)	13.4	13.4	13.4	13.4	13.4	13.4

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 26-11c/ SUPPLEMENT 10

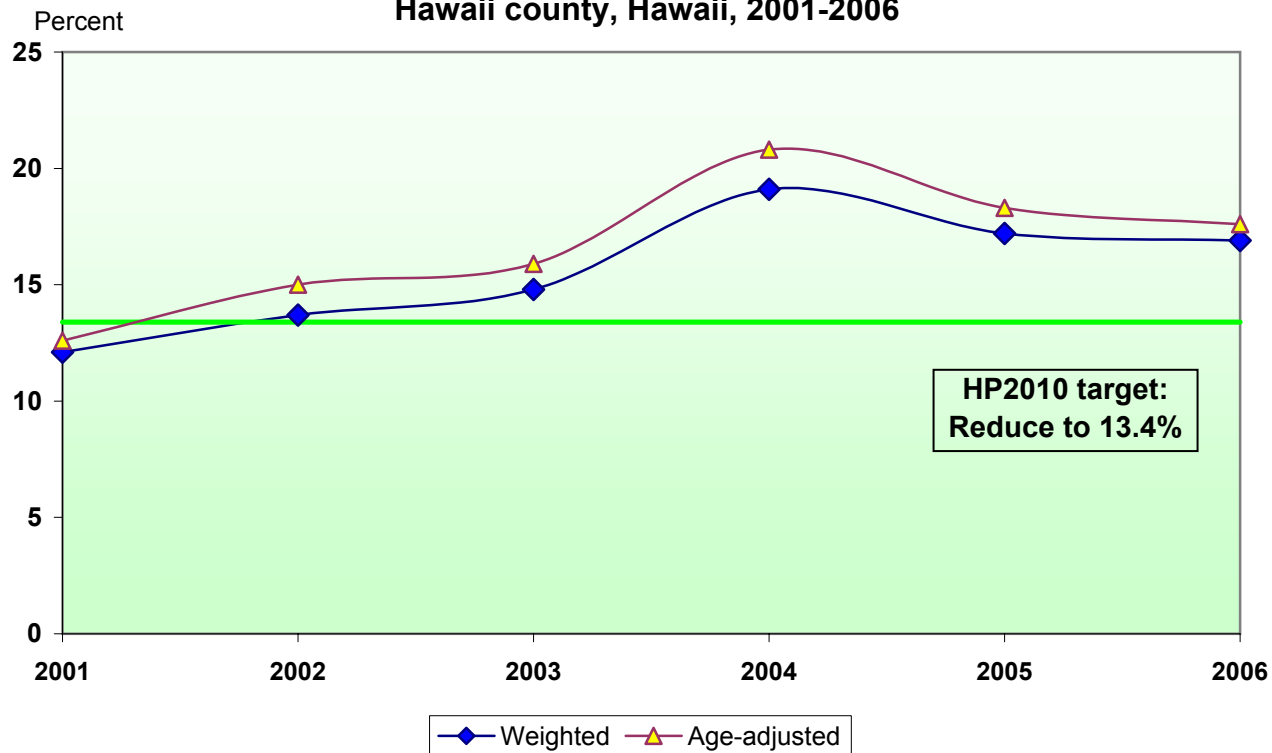


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1920	2812	2246	938	2969	3017
Engage in binge drinking of alcoholic beverages	162	238	247	145	385	420
Weight percentage	9.5	10.1	13.1	17.7	15.5	17.2
95% C.I.	(8.0 - 11.2)	(8.7 - 11.7)	(11.4 - 15.0)	(14.8 - 21.1)	(13.9 - 17.3)	(15.5 - 19.1)
Age-adjusted percentage	9.6	10.0	13.4	17.9	15.8	17.7
95% C.I.	(8.1 - 11.3)	(8.6 - 11.5)	(11.7 - 15.3)	(14.9 - 21.2)	(14.2 - 17.6)	(16.0 - 19.6)
GOAL (%)	13.4	13.4	13.4	13.4	13.4	13.4

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 26-11c/ SUPPLEMENT 11

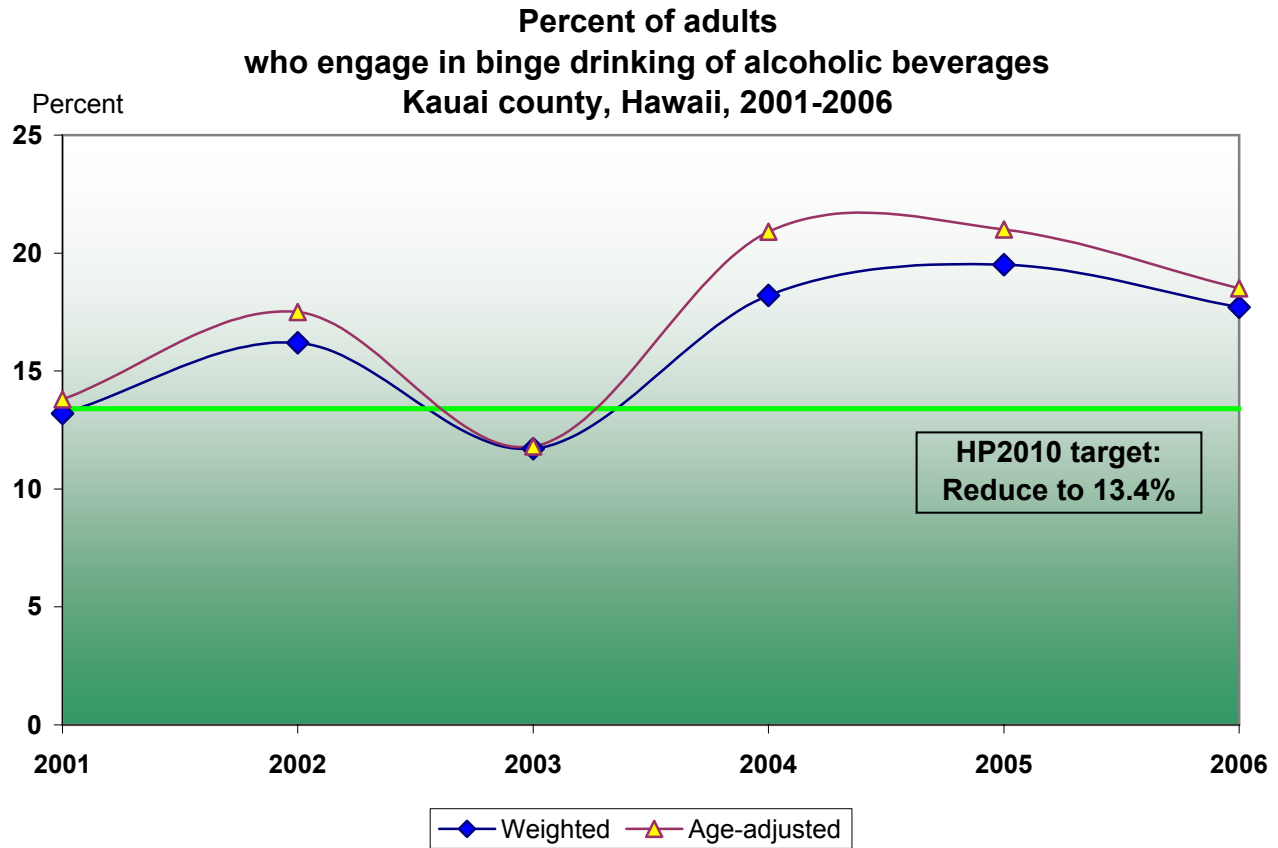
**Percent of adults
who engage in binge drinking of alcoholic beverages
Hawaii county, Hawaii, 2001-2006**



YEAR	2001	2002	2003	2004	2005	2006
Sample size	1020	1379	972	564	1659	1394
Engage in binge drinking of alcoholic beverages	108	148	120	86	234	204
Weight percentage	12.1	13.7	14.8	19.1	17.2	16.9
95% C.I.	(9.8 - 14.8)	(11.4 - 16.3)	(12.2 - 18.0)	(15.1 - 23.9)	(14.8 - 19.8)	(14.6 - 19.6)
Age-adjusted percentage	12.6	15.0	15.9	20.8	18.3	17.6
95% C.I.	(10.3 - 15.5)	(12.5 - 17.8)	(13.1 - 19.2)	(16.5 - 25.9)	(15.8 - 21.1)	(15.1 - 20.5)
GOAL (%)	13.4	13.4	13.4	13.4	13.4	13.4

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

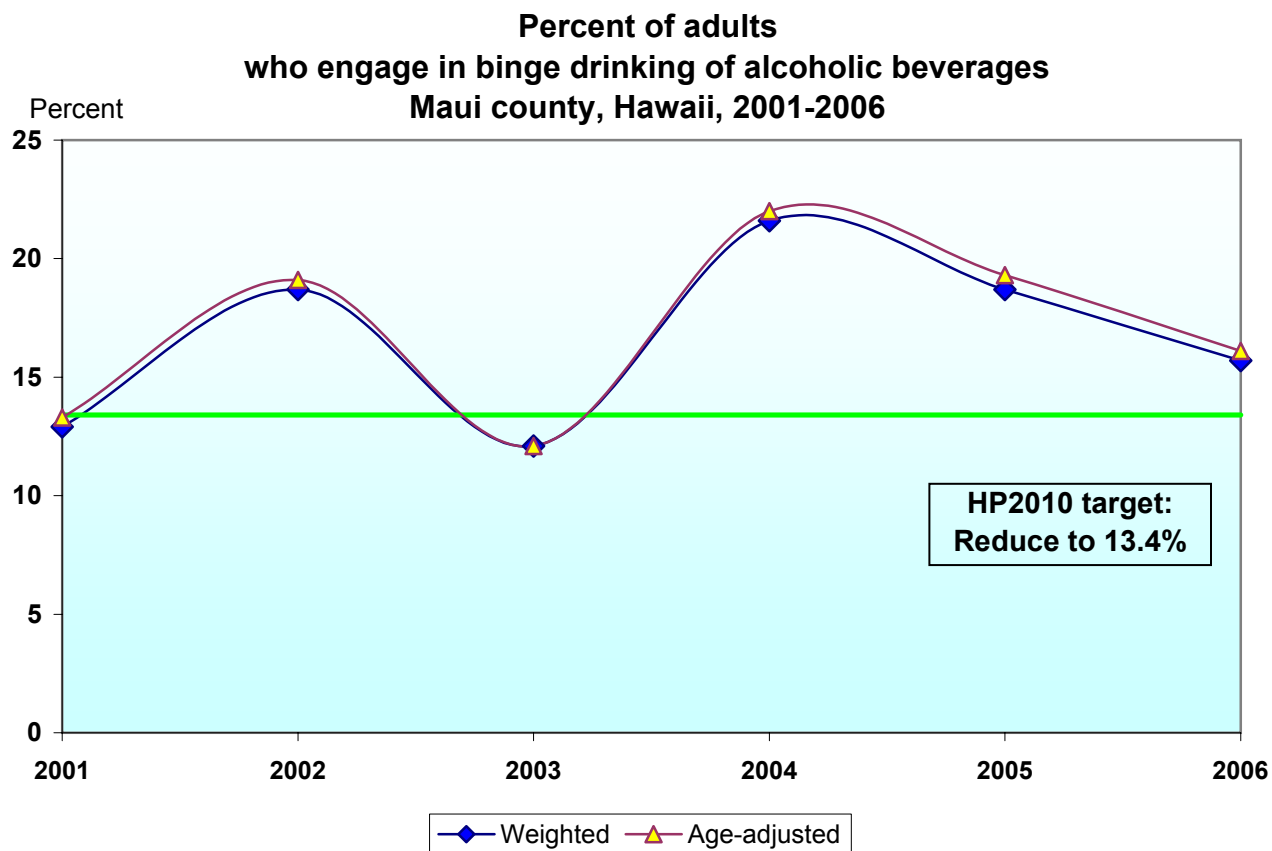
OBJECTIVE 26-11c/ SUPPLEMENT 12



YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	601	421	289	589	665
Engage in binge drinking of alcoholic beverages	63	77	48	42	85	96
Weight percentage	13.2	16.2	11.7	18.2	19.5	17.7
95% C.I.	(10.1 - 17.1)	(12.7 - 20.4)	(8.7 - 15.7)	(13.2 - 24.6)	(15.1 - 24.7)	(13.9 - 22.4)
Age-adjusted percentage	13.8	17.5	11.8	20.9	21.0	18.5
95% C.I.	(10.6 - 17.8)	(13.8 - 22.1)	(8.6 - 15.9)	(15.2 - 28.0)	(16.0 - 27.0)	(14.6 - 23.2)
GOAL (%)	13.4	13.4	13.4	13.4	13.4	13.4

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 26-11c/ SUPPLEMENT 13



YEAR	2001	2002	2003	2004	2005	2006
Sample size	1011	1208	700	411	1199	1488
Engage in binge drinking of alcoholic beverages	113	190	82	67	181	215
Weight percentage	12.9	18.7	12.1	21.6	18.7	15.7
95% C.I.	(10.3 - 15.9)	(16.1 - 21.7)	(9.5 - 15.4)	(15.7 - 29.1)	(15.6 - 22.3)	(13.1 - 18.7)
Age-adjusted percentage	13.3	19.1	12.1	22.0	19.3	16.1
95% C.I.	(10.6 - 16.4)	(16.4 - 22.1)	(9.5 - 15.4)	(16.3 - 29.1)	(16.1 - 22.9)	(13.4 - 19.2)
GOAL (%)	13.4	13.4	13.4	13.4	13.4	13.4

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

TOBACCO USE

We have data to observe 2 objectives in this area

Objective 27-1: Reduce tobacco use by adults to 12%

Question used to obtain the data:

Have you smoked at least 100 cigarettes in your entire life?

[If YES, then continue with the following question]

Do you now smoke cigarettes everyday, some days, or not at all?

Objective 27-5: Increase smoking cessation attempts by adult smokers to 75%

Question used to obtain the data:

During the past 12 months, have you stopped smoking for one day or longer because you were trying to quit smoking?

The proportion of smokers among adults in Hawaii has declined from 20.6% in 2001 to 17.7% in 2006. However, since 2003 until now yearly percentages have been around 17%, still far from the HP2010 goal of 12%. It will need a great effort to achieve this objective.

In 2001 and 2002, the rates of adult smokers in Hawaii, Kauai, and Maui were much higher than it is for Honolulu County. In recent years, they were still higher but not significantly different from Honolulu County (Figure 27a).

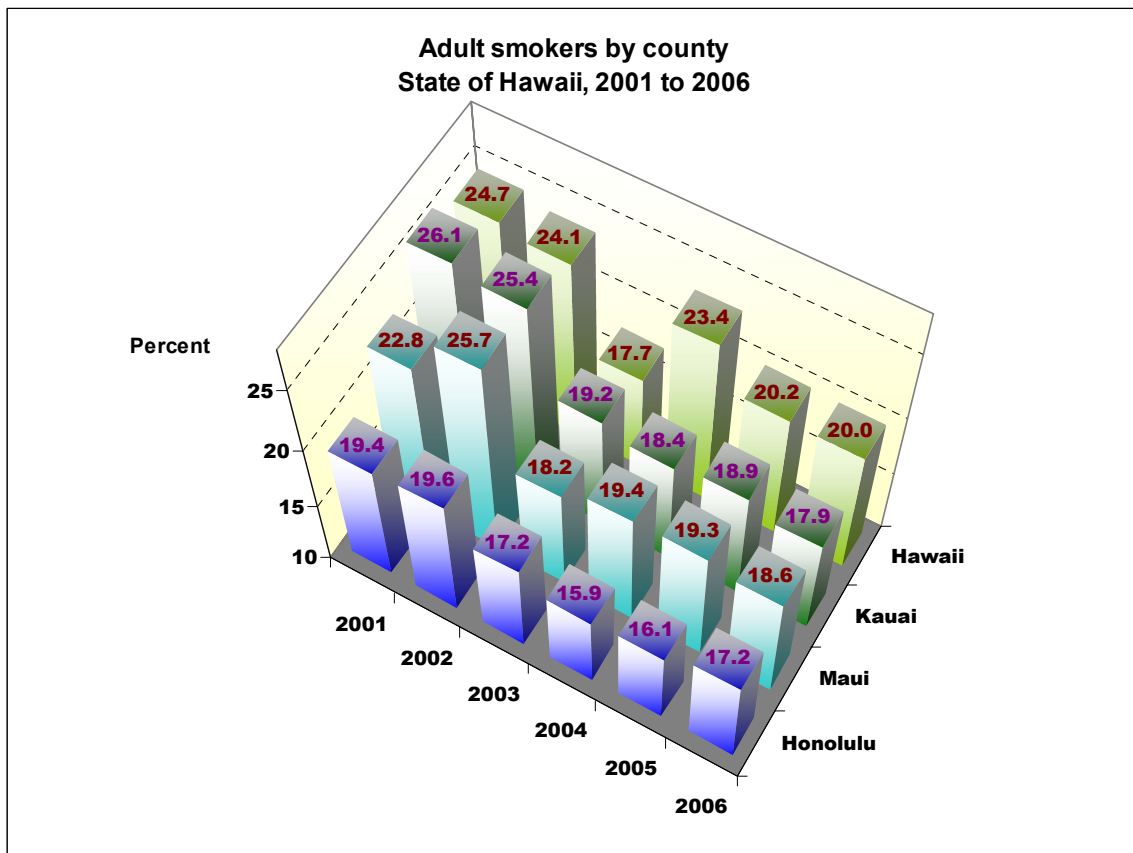


Fig. 27a

Although the smoking rate is going down for every ethnic group, Hawaiians still display a significant higher risk for smoking than others (Figure 27b). In 2006, the Hawaiian smoking rate is 27.2%; Filipinos have the lowest one at 14.1%.

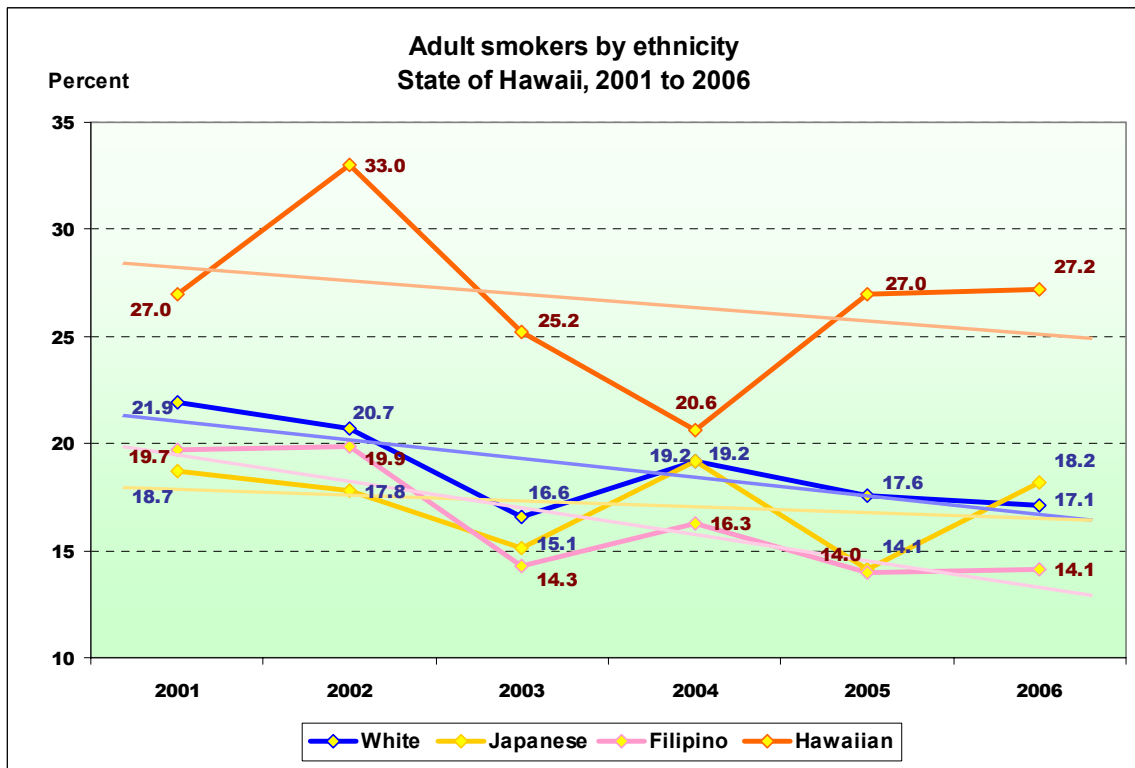


Fig. 27b

The proportion of smokers in low income households or among less educated is much higher than the better income or better educated groups respectively. These gaps are statistically different at alpha=5% test criterion (Figure 27c, 27d).

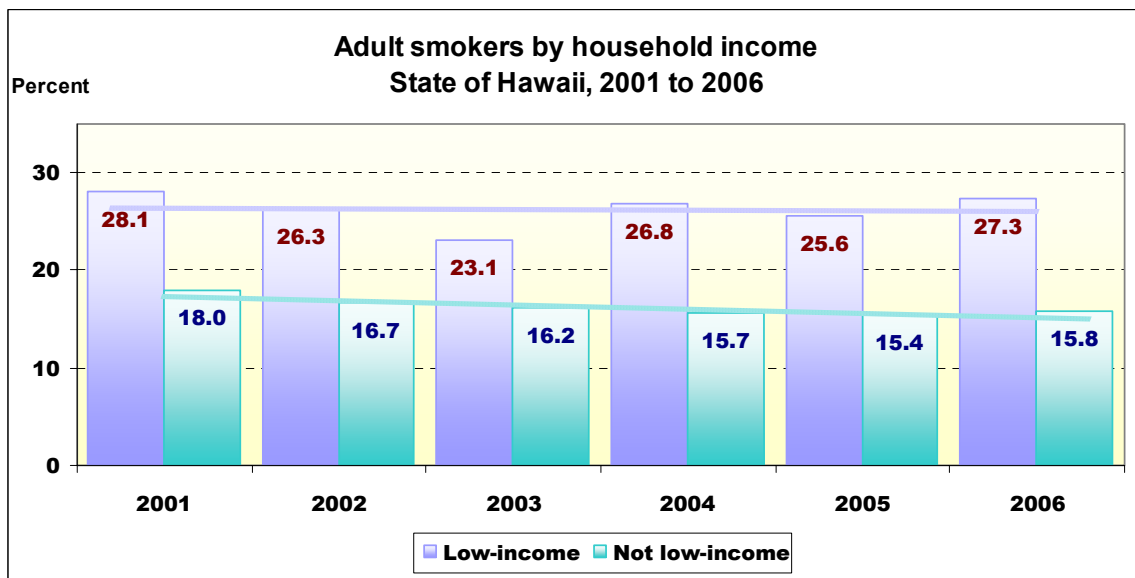


Fig. 27c

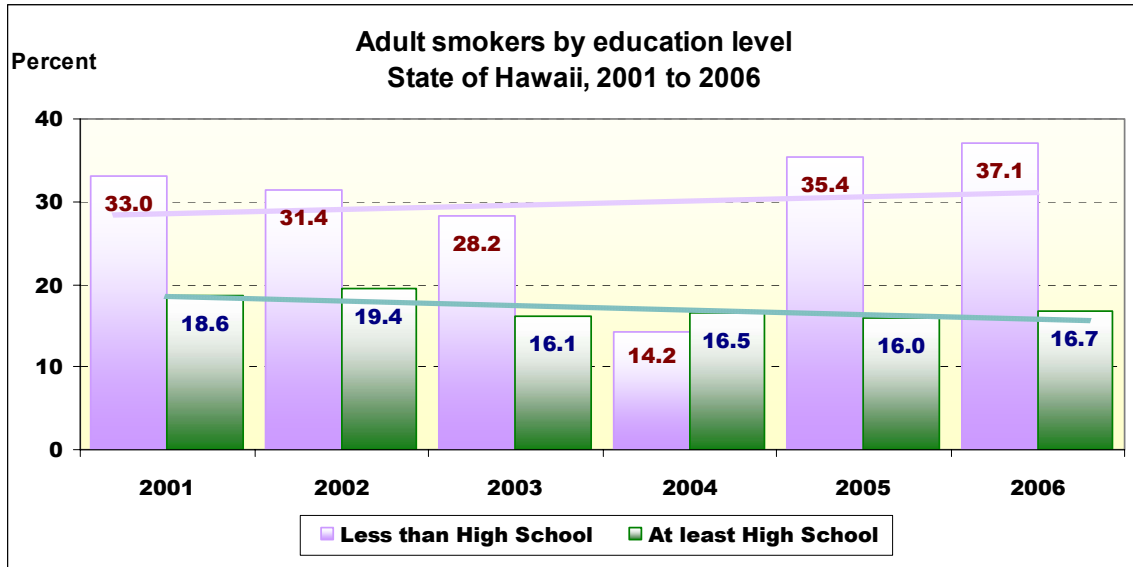


Fig. 27d

By gender, the six-year data show that the smoking rate of women seems not to have changed that much while that for men is really going down (Figure 27e). This result may suggest that men are more successful than women in trying to quit smoking or tobacco programs efforts in reaching their target audience is successful (Figure 27f).

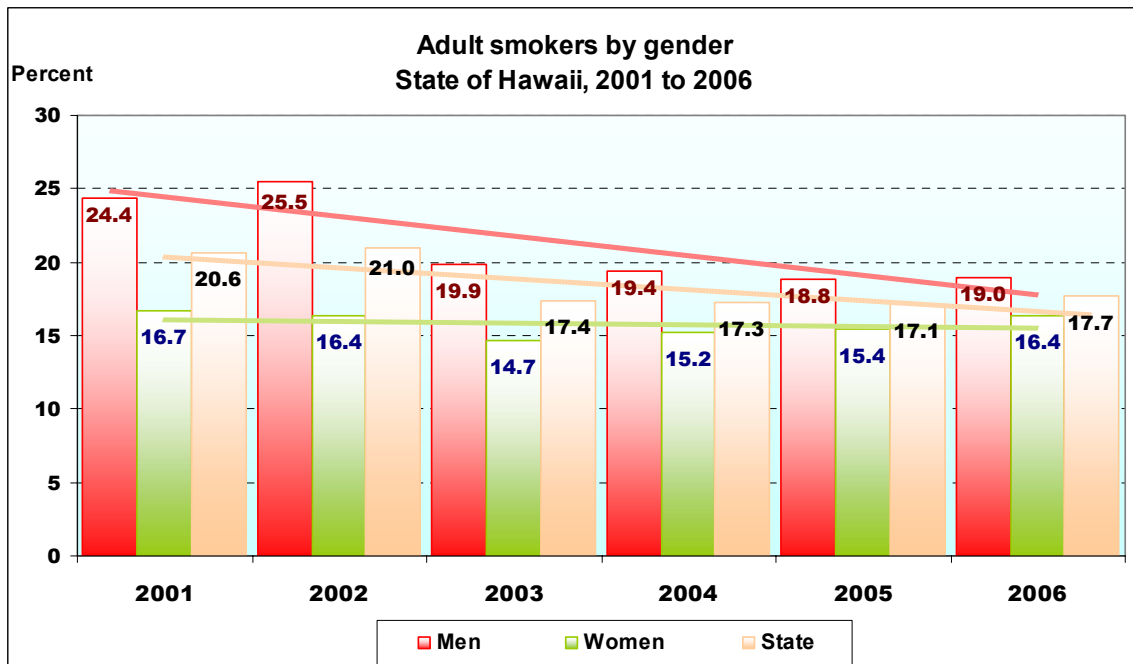


Fig. 27e

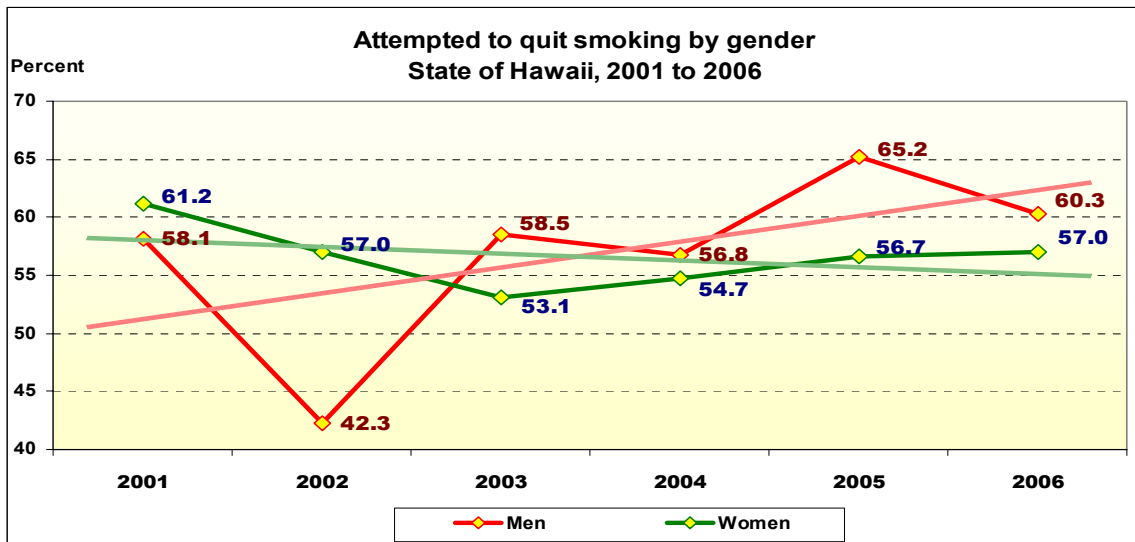


Fig. 27f

The percentage of Japanese smokers who have attempted to quit smoking is trending down. In 2006, the proportion of Japanese smokers who ever tried to quit smoking is the lowest at only 47.5% compared to the rest of the ethnic groups. It is lower than 57.0% for Filipino smokers and significantly lower than 59.7% for White smokers or 62.7% for Hawaiian smokers at alpha=5% test criterion (Figure 27g).

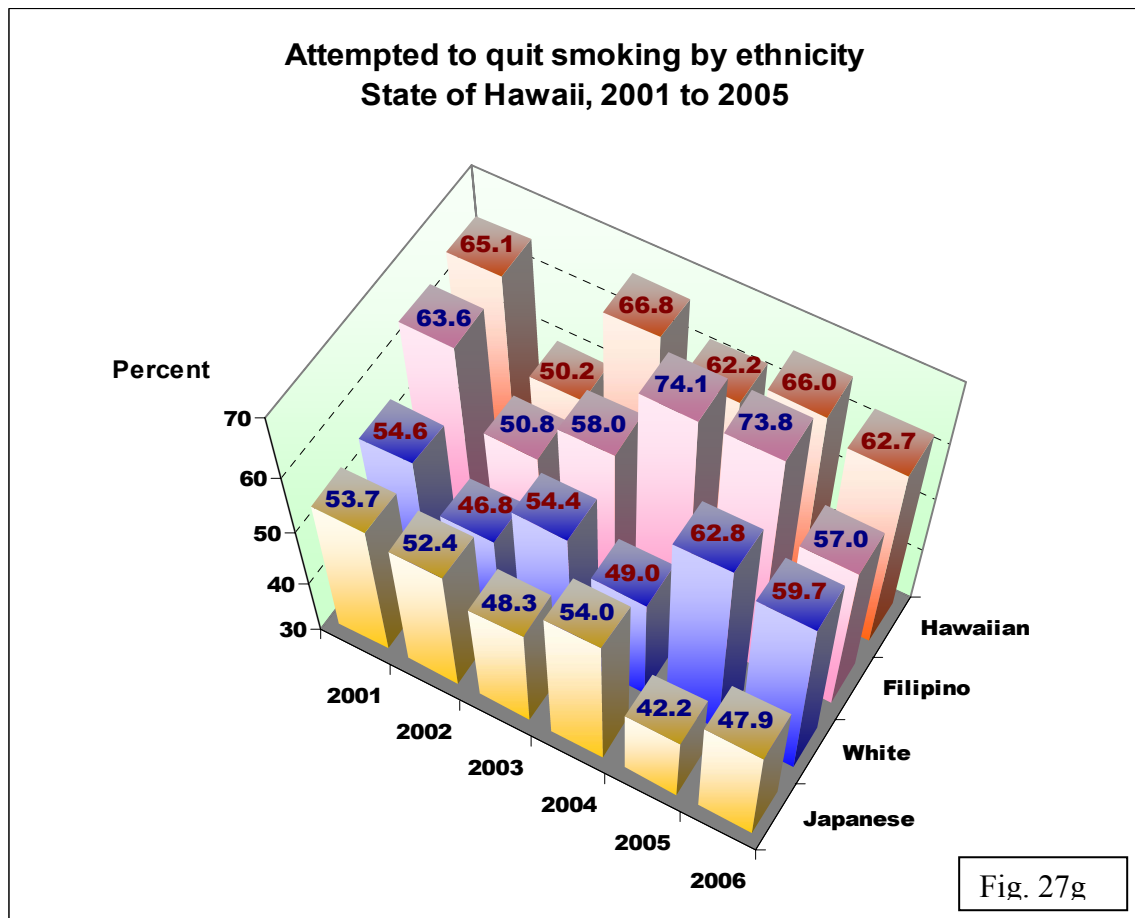
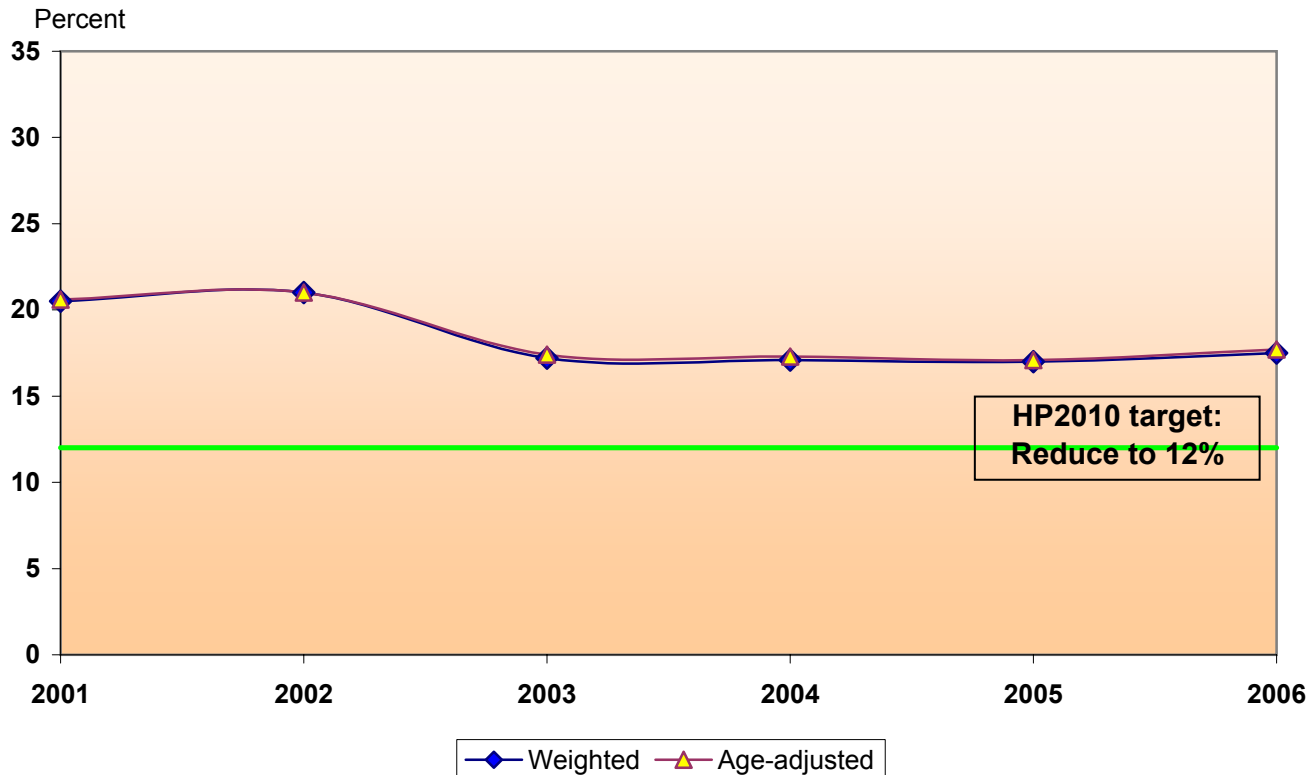


Fig. 27g

OBJECTIVE 27-1

Percent of adults who smoke Hawaii, 2001-2006

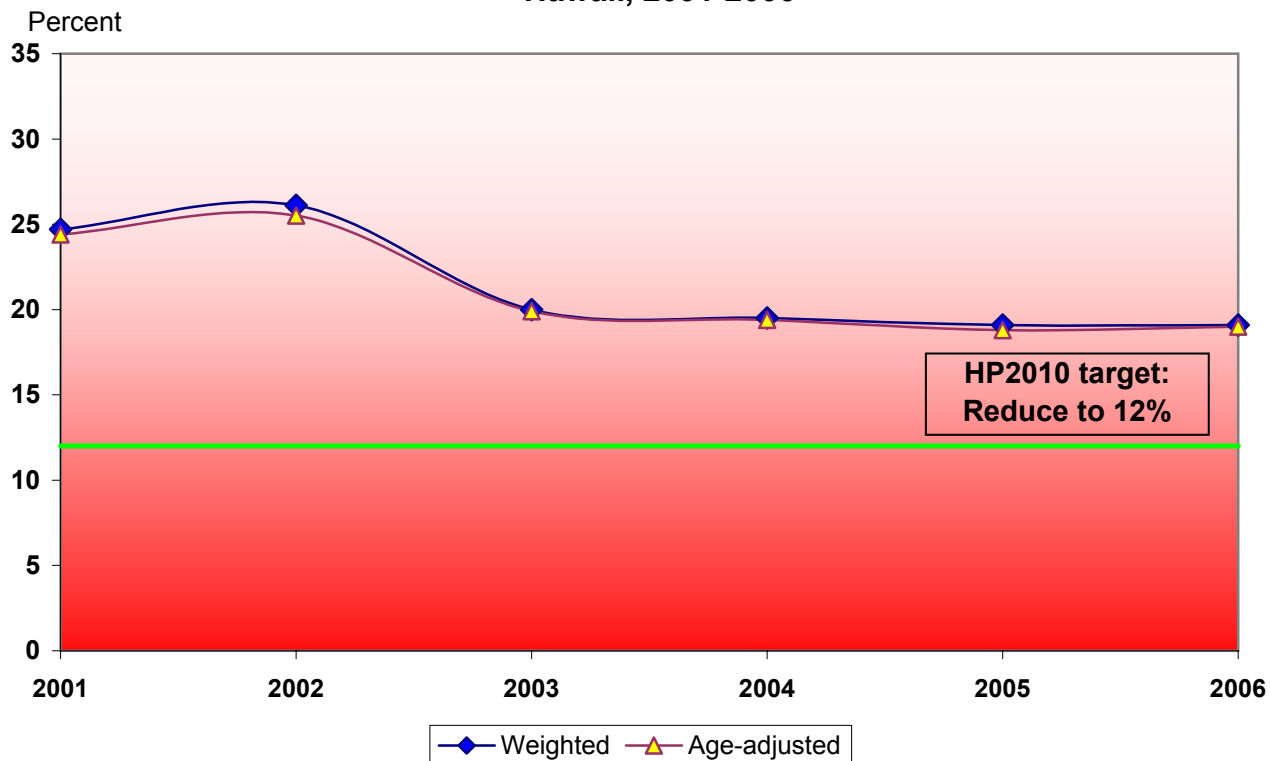


YEAR	2001	2002	2003	2004	2005	2006
Sample size	4500	6000	4339	2202	6416	6564
Smokers	934	1202	731	393	1070	1097
Weight percentage	20.5	21.0	17.2	17.1	17.0	17.5
95% C.I.	(18.9 - 22.2)	(19.6 - 22.5)	(15.8 - 18.8)	(15.1 - 19.4)	(15.7 - 18.3)	(16.2 - 18.8)
Age-adjusted percentage	20.6	21.0	17.4	17.3	17.1	17.7
95% C.I.	(19.0 - 22.3)	(19.7 - 22.5)	(16.0 - 19.0)	(15.2 - 19.6)	(15.8 - 18.4)	(16.4 - 19.1)
GOAL (%)	12	12	12	12	12	12

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-1/ SUPPLEMENT 1

**Percent of men who smoke
Hawaii, 2001-2006**

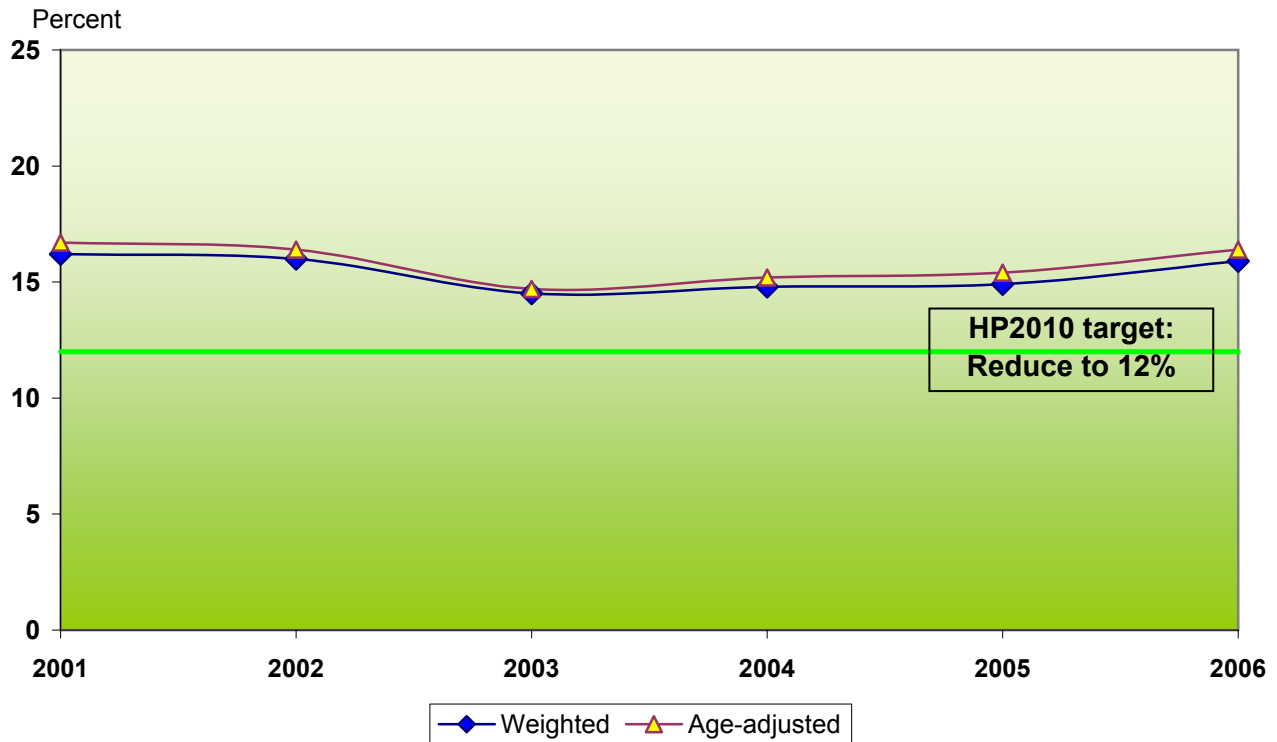


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1937	2605	1761	861	2577	2776
Smokers	463	648	342	177	478	503
Weight percentage	24.7	26.1	20.0	19.5	19.1	19.1
95% C.I.	(22.1 - 27.4)	(23.8 - 28.5)	(17.6 - 22.5)	(16.3 - 23.2)	(17.1 - 21.3)	(17.1 - 21.3)
Age-adjusted percentage	24.4	25.5	19.9	19.4	18.8	19.0
95% C.I.	(21.9 - 27.2)	(23.4 - 27.8)	(17.6 - 22.4)	(16.2 - 23.2)	(16.8 - 21.0)	(17.0 - 21.2)
GOAL (%)	12	12	12	12	12	12

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-1/ SUPPLEMENT 2

**Percent of women who smoke
Hawaii, 2001-2006**

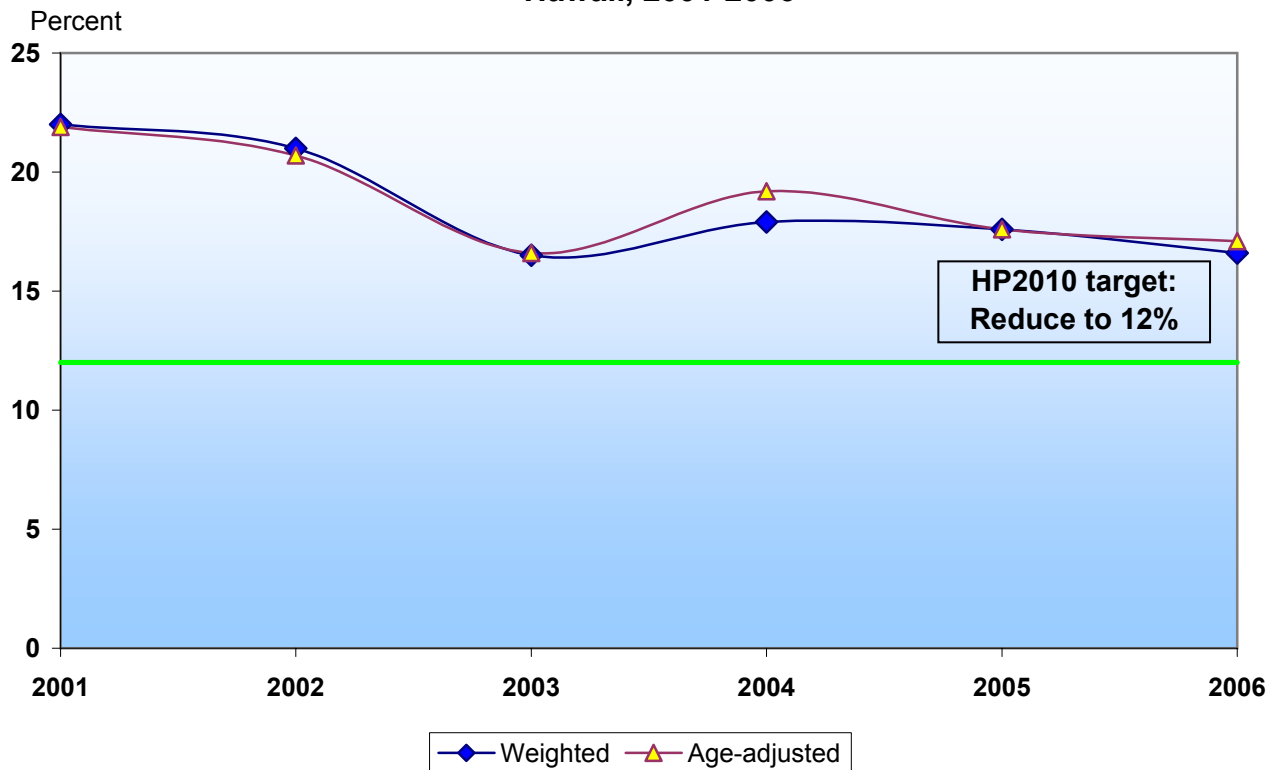


YEAR	2001	2002	2003	2004	2005	2006
Sample size	2563	3395	2578	1341	3839	3788
Smokers	471	554	389	216	592	594
Weight percentage	16.2	16.0	14.5	14.8	14.9	15.9
95% C.I.	(14.5 - 18.2)	(14.5 - 17.6)	(12.9 - 16.2)	(12.4 - 17.5)	(13.5 - 16.4)	(14.3 - 17.6)
Age-adjusted percentage	16.7	16.4	14.7	15.2	15.4	16.4
95% C.I.	(14.8 - 18.6)	(14.8 - 18.0)	(13.1 - 16.5)	(12.7 - 18.1)	(13.9 - 17.0)	(14.7 - 18.2)
GOAL (%)	12	12	12	12	12	12

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-1/ SUPPLEMENT 3

**Percent of White adults who smoke
Hawaii, 2001-2006**

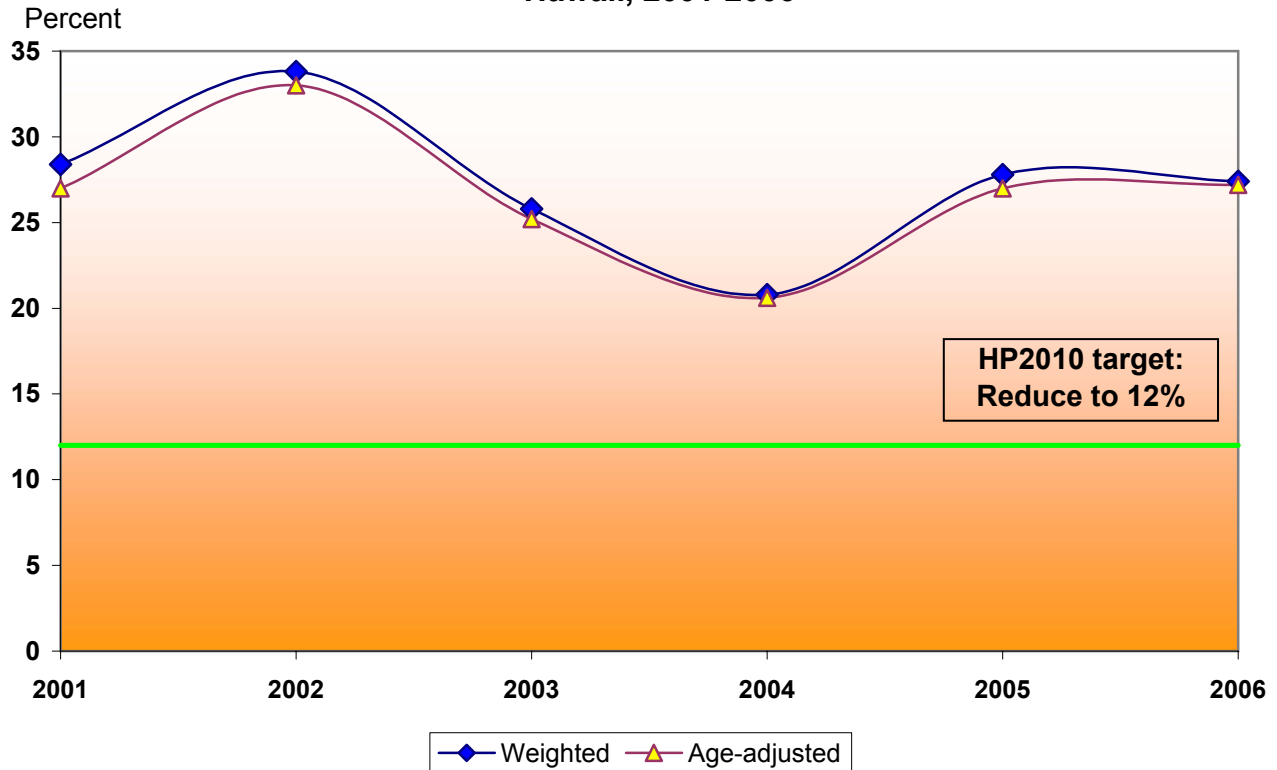


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1857	2481	1666	863	2700	2739
Smokers	412	487	273	164	453	440
Weight percentage	22.0	21.0	16.5	17.9	17.6	16.6
95% C.I.	(19.5 - 24.6)	(18.9 - 23.3)	(14.2 - 19.0)	(14.7 - 21.7)	(15.6 - 19.8)	(14.7 - 18.6)
Age-adjusted percentage	21.9	20.7	16.6	19.2	17.6	17.1
95% C.I.	(19.4 - 24.6)	(18.6 - 23.0)	(14.4 - 19.1)	(15.5 - 23.5)	(15.5 - 19.9)	(15.0 - 19.4)
GOAL (%)	12	12	12	12	12	12

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-1/ SUPPLEMENT 4

**Percent of Hawaiians who smoke
Hawaii, 2001-2006**

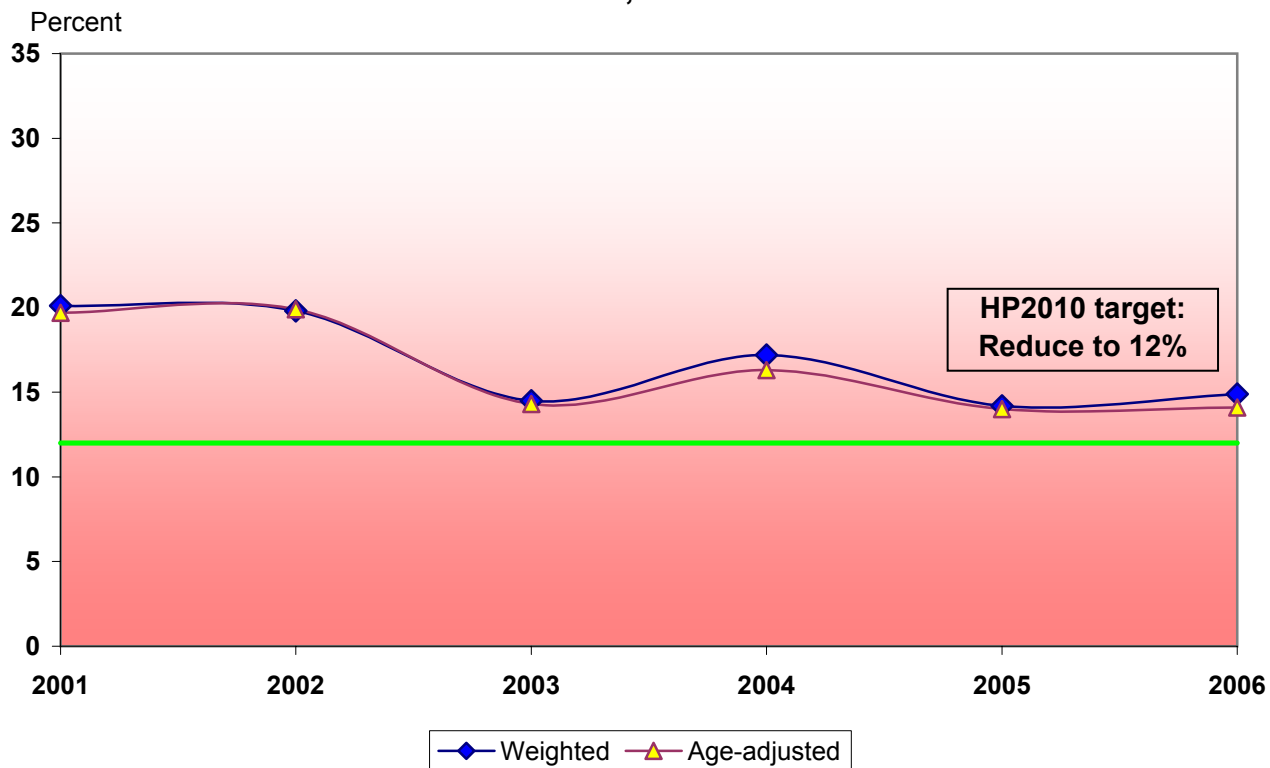


YEAR	2001	2002	2003	2004	2005	2006
Sample size	585	771	612	363	783	796
Smokers	172	264	162	80	206	207
Weight percentage	28.4	33.8	25.8	20.8	27.8	27.4
95% C.I.	(23.5 - 33.8)	(29.4 - 38.6)	(21.7 - 30.3)	(15.7 - 27.0)	(23.5 - 32.5)	(23.1 - 32.2)
Age-adjusted percentage	27.0	33.0	25.2	20.6	27.0	27.2
95% C.I.	(22.4 - 32.2)	(28.9 - 37.5)	(21.3 - 29.6)	(15.5 - 26.7)	(22.9 - 31.6)	(23.2 - 31.7)
GOAL (%)	12	12	12	12	12	12

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-1/ SUPPLEMENT 5

**Percent of Filipinos who smoke
Hawaii, 2001-2006**

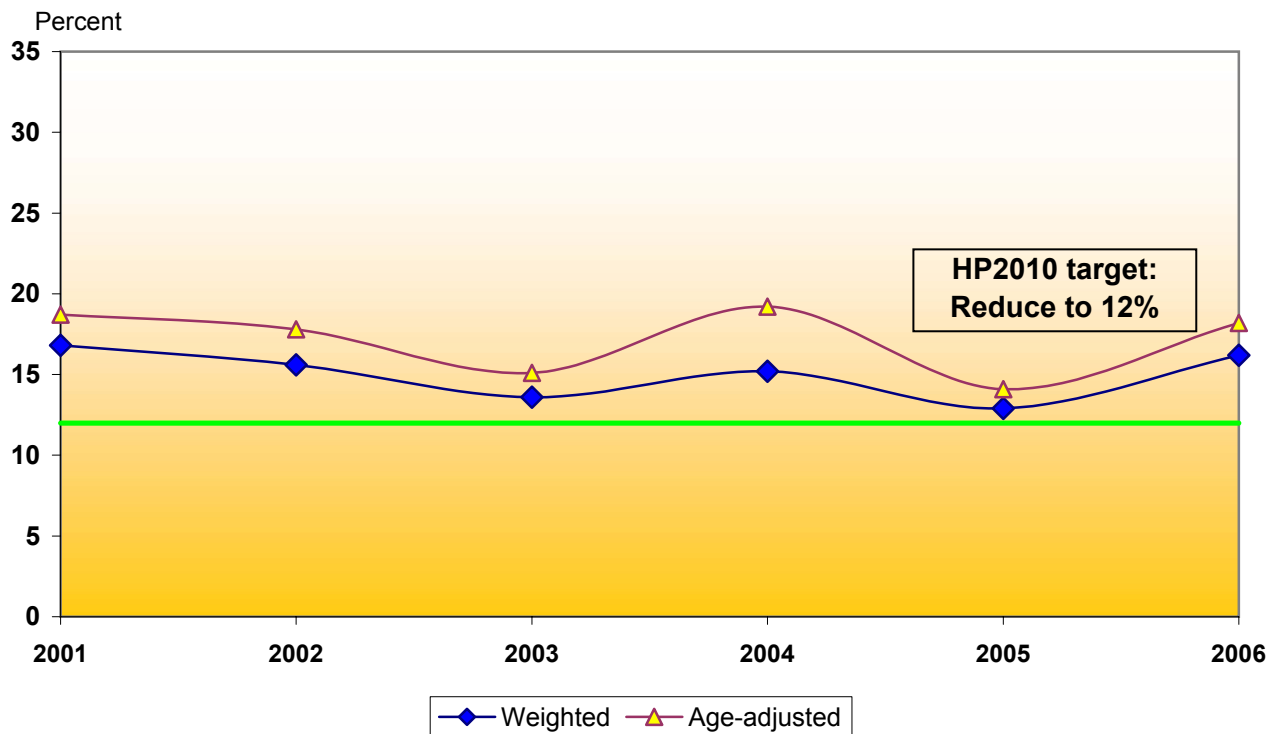


YEAR	2001	2002	2003	2004	2005	2006
Sample size	548	775	504	280	800	792
Smokers	106	152	64	43	109	123
Weight percentage	20.1	19.8	14.5	17.2	14.2	14.9
95% C.I.	(15.8 - 25.3)	(16.1 - 24.1)	(10.7 - 19.3)	(11.9 - 24.3)	(11.1 - 18.0)	(11.7 - 18.7)
Age-adjusted percentage	19.7	19.9	14.3	16.3	14.0	14.1
95% C.I.	(15.4 - 24.9)	(16.2 - 24.2)	(10.8 - 18.8)	(11.3 - 22.9)	(10.9 - 17.7)	(11.1 - 17.7)
GOAL (%)	12	12	12	12	12	12

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-1/ SUPPLEMENT 6

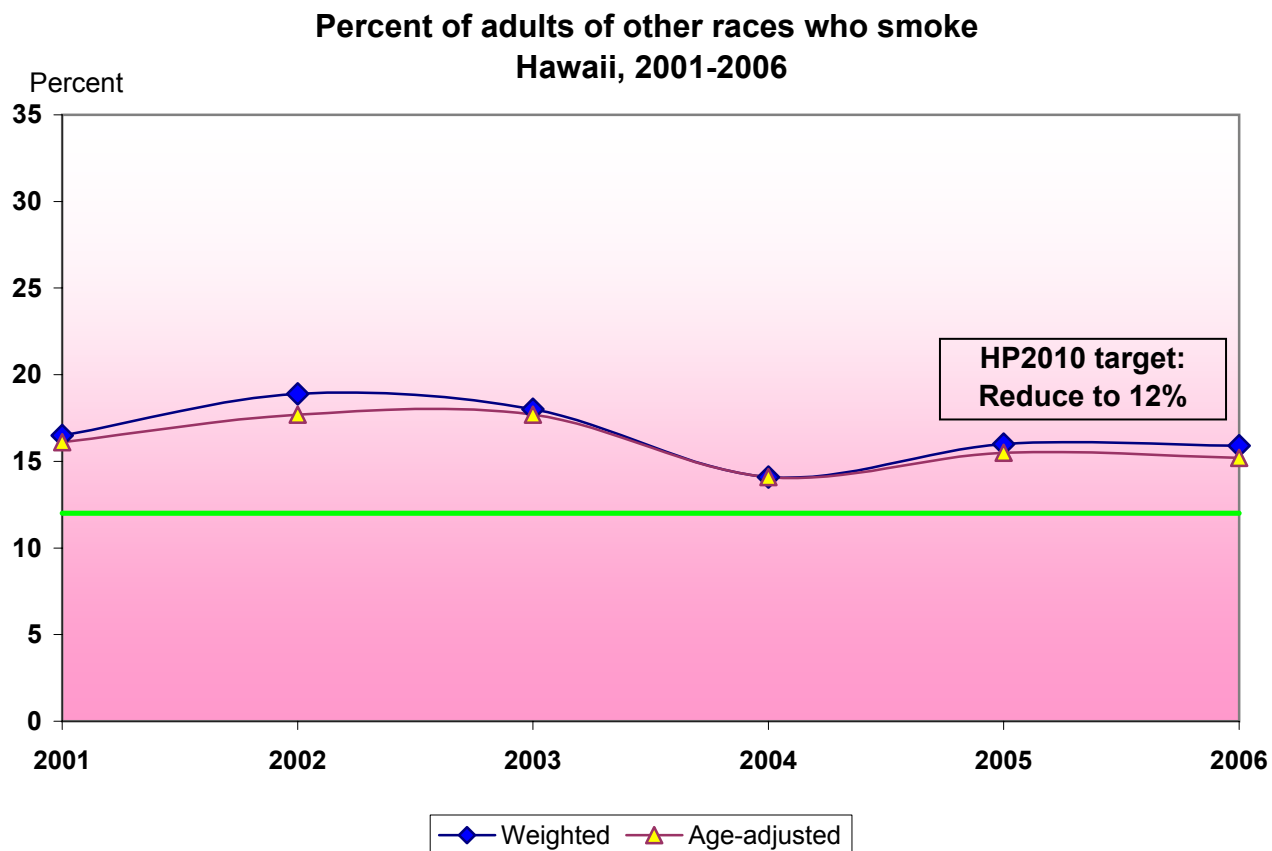
Percent of Japanese who smoke
Hawaii, 2001-2006



YEAR	2001	2002	2003	2004	2005	2006
Sample size	871	1168	781	444	1290	1287
Smokers	134	162	95	67	161	180
Weight percentage	16.8	15.6	13.6	15.2	12.9	16.2
95% C.I.	(13.7 - 20.5)	(12.9 - 18.6)	(10.6 - 17.3)	(11.3 - 20.1)	(10.7 - 15.4)	(13.5 - 19.4)
Age-adjusted percentage	18.7	17.8	15.1	19.2	14.1	18.2
95% C.I.	(15.1 - 23.0)	(14.7 - 21.3)	(11.3 - 20.0)	(13.7 - 26.2)	(11.6 - 17.2)	(14.9 - 22.2)
GOAL (%)	12	12	12	12	12	12

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-1/ SUPPLEMENT 7

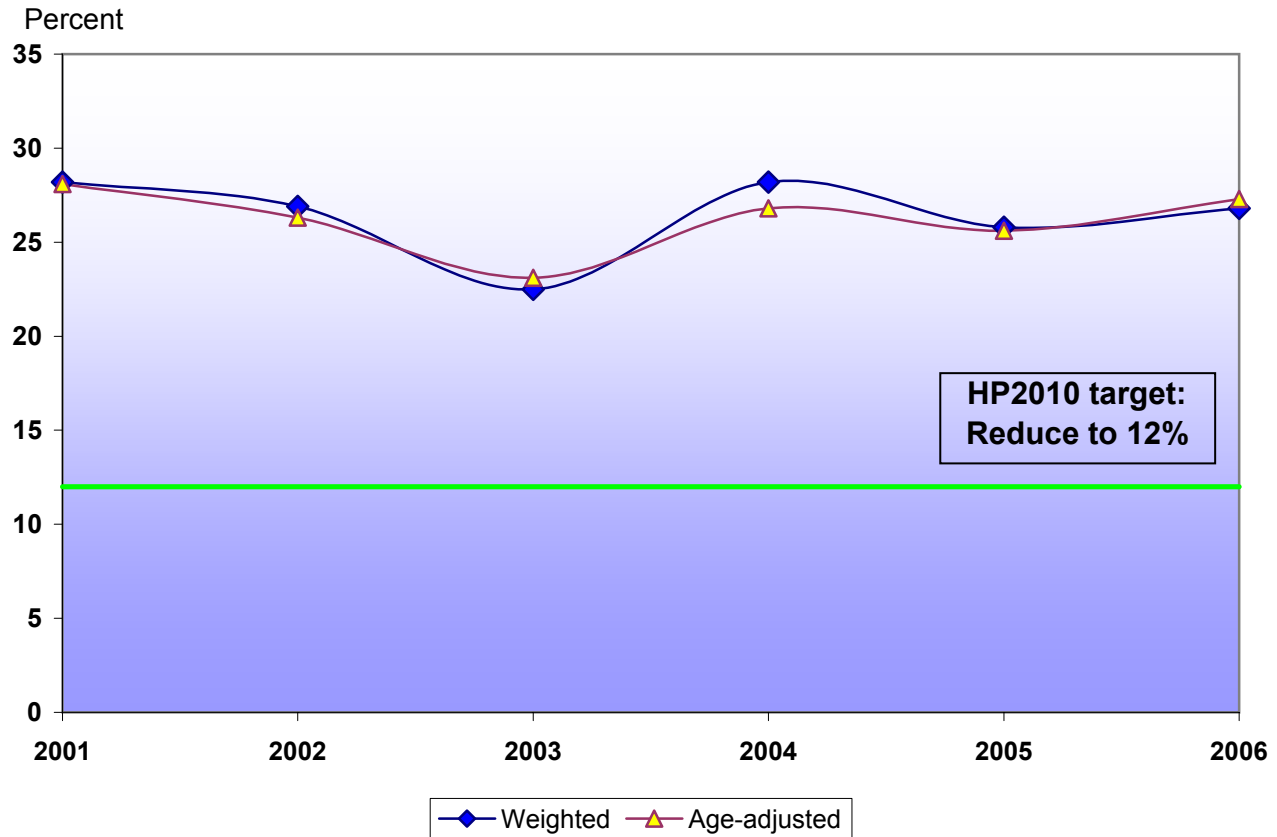


YEAR	2001	2002	2003	2004	2005	2006
Sample size	639	805	776	252	843	950
Smokers	110	137	137	39	141	147
Weight percentage	16.5	18.9	18.0	14.1	16.0	15.9
95% C.I.	(13.0 - 20.7)	(15.7 - 22.7)	(14.9 - 21.7)	(9.4 - 20.5)	(13.1 - 19.4)	(12.9 - 19.4)
Age-adjusted percentage	16.1	17.7	17.7	14.1	15.5	15.2
95% C.I.	(12.7 - 20.0)	(14.8 - 21.1)	(14.7 - 21.3)	(9.6 - 20.0)	(12.8 - 18.7)	(12.5 - 18.4)
GOAL (%)	12	12	12	12	12	12

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-1/ SUPPLEMENT 8

**Percent of adults in low income households who smoke
Hawaii, 2001-2006**

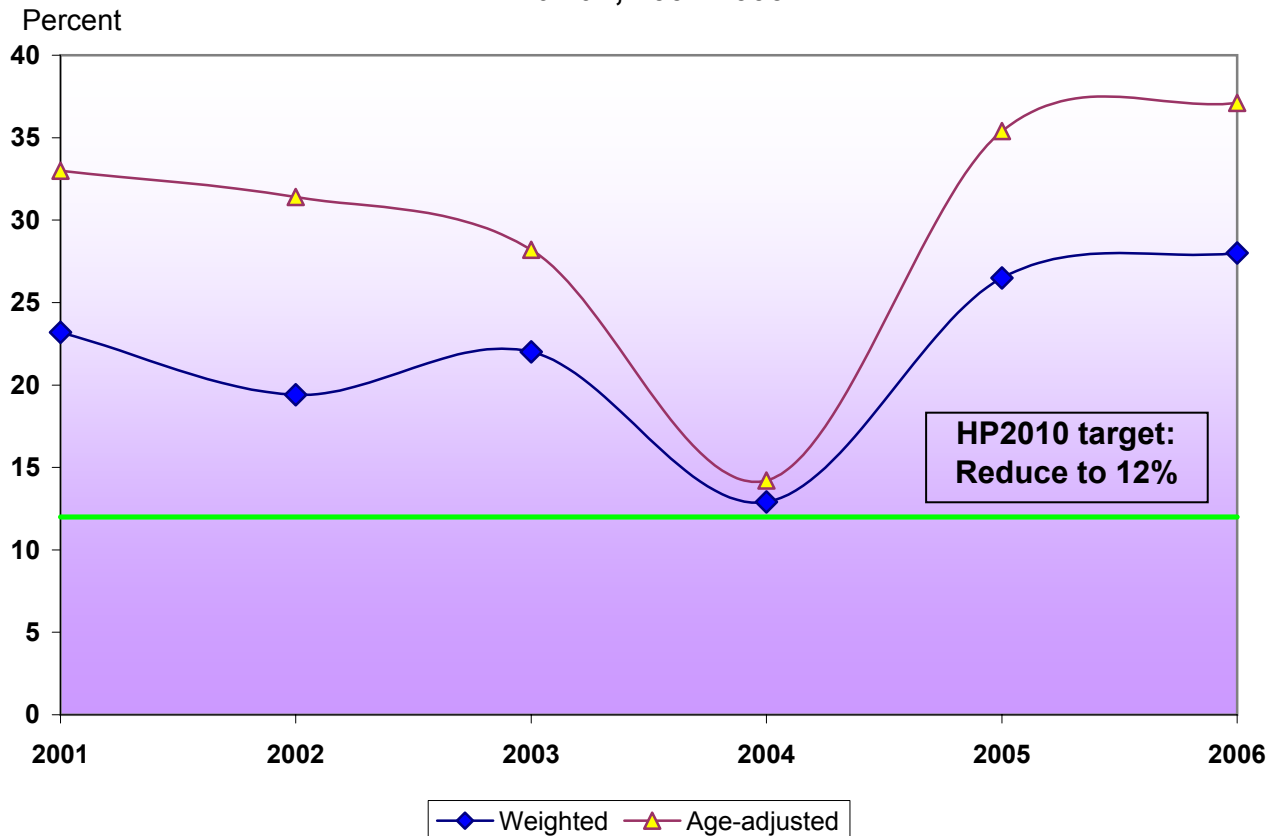


YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	695	601	254	677	702
Smokers	162	187	132	75	193	187
Weight percentage	28.2	26.9	22.5	28.2	25.8	26.8
95% C.I.	(23.1 - 33.8)	(22.6 - 31.7)	(18.2 - 27.4)	(21.0 - 36.7)	(21.4 - 30.7)	(22.2 - 31.9)
Age-adjusted percentage	28.1	26.3	23.1	26.8	25.6	27.3
95% C.I.	(23.0 - 33.8)	(22.0 - 31.1)	(19.0 - 27.7)	(20.4 - 34.2)	(21.5 - 30.2)	(22.9 - 32.2)
GOAL (%)	12	12	12	12	12	12

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-1/ SUPPLEMENT 9

Percent of adults with less education who smoke
Hawaii, 2001-2006

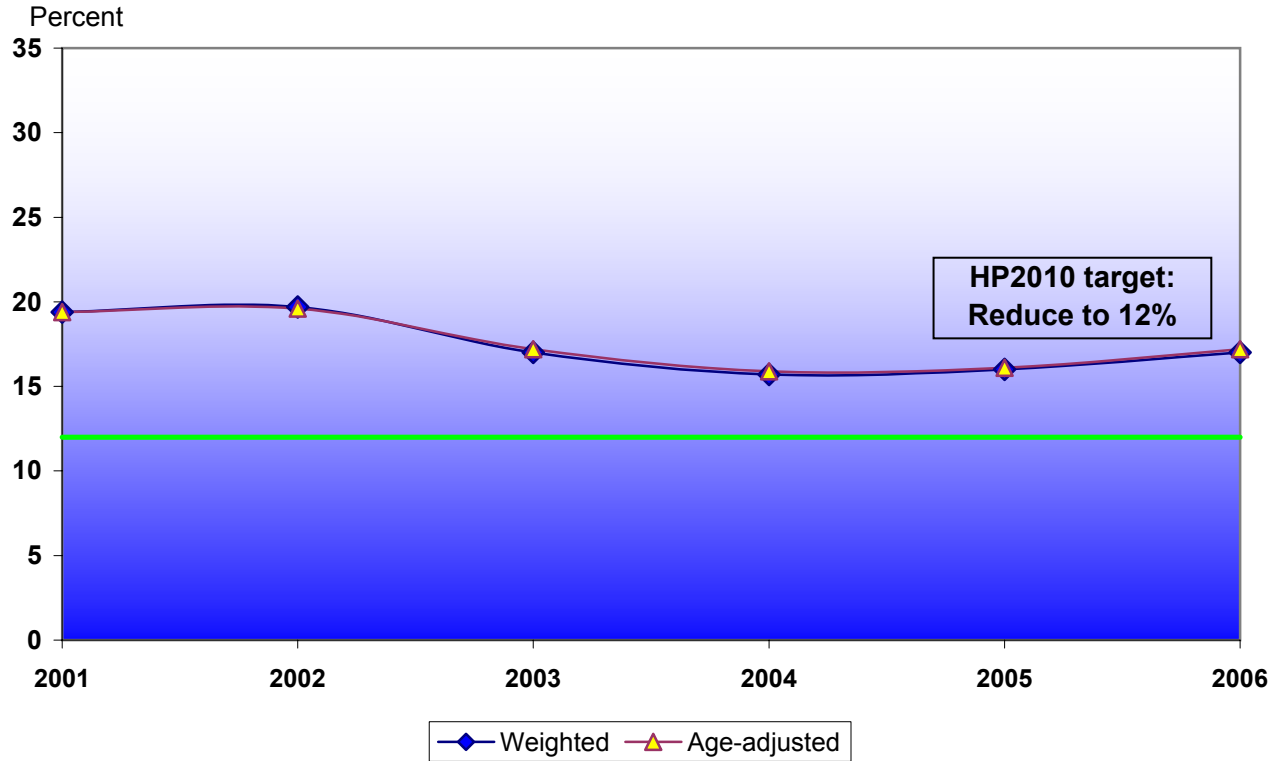


YEAR	2001	2002	2003	2004	2005	2006
Sample size	284	376	239	120	358	383
Smokers	63	74	47	14	88	90
Weight percentage	23.2	19.4	22.0	12.9	26.5	28.0
95% C.I.	(17.0 - 31.0)	(14.3 - 25.8)	(15.6 - 30.1)	(6.6 - 23.9)	(20.4 - 33.6)	(21.7 - 35.2)
Age-adjusted percentage	33.0	31.4	28.2	14.2	35.4	37.1
95% C.I.	(24.4 - 43.0)	(23.7 - 40.3)	(19.9 - 38.4)	(7.5 - 25.1)	(26.8 - 45.2)	(29.6 - 45.4)
GOAL (%)	12	12	12	12	12	12

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-1/ SUPPLEMENT 10

**Percent of adults who smoke
Honolulu county, Hawaii, 2001-2006**

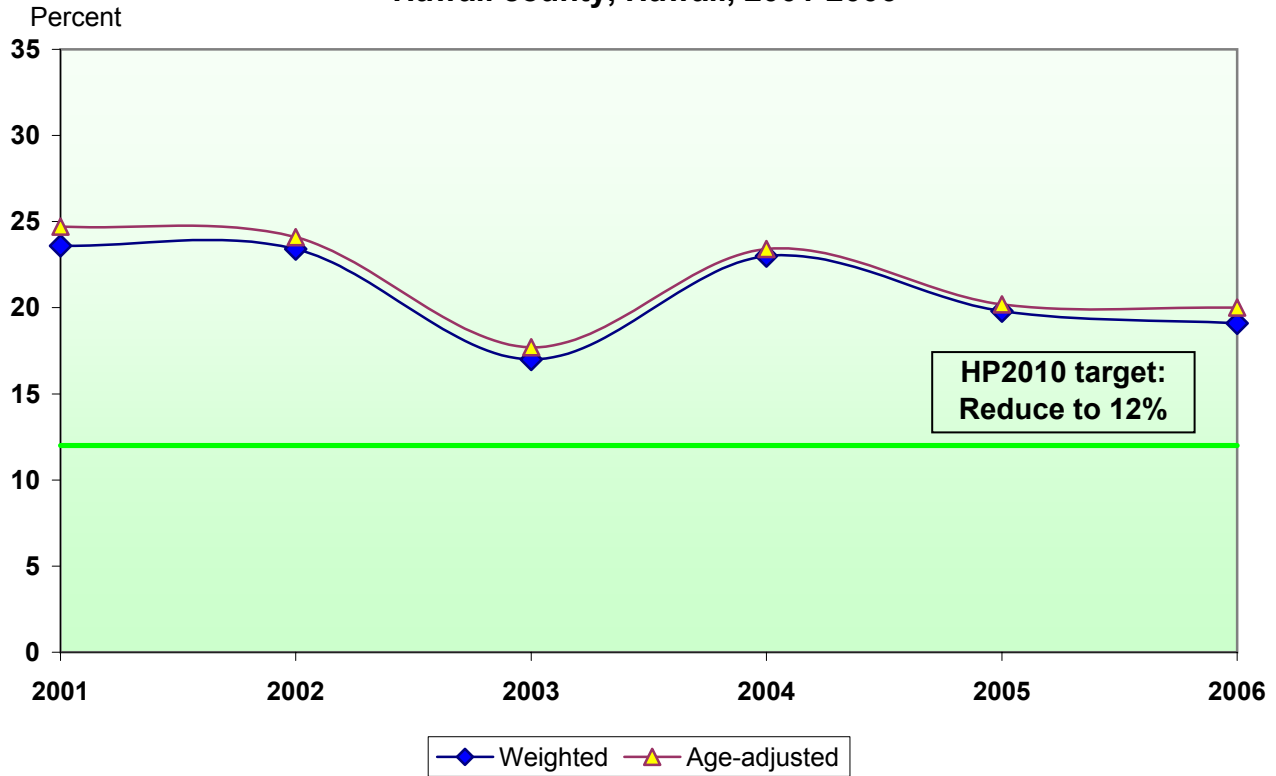


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1920	2812	2246	938	2969	3017
Smokers	353	496	367	149	451	468
Weight percentage	19.4	19.7	17.0	15.7	16.0	17.0
95% C.I.	(17.4 - 21.6)	(17.9 - 21.6)	(15.2 - 19.0)	(13.2 - 18.6)	(14.5 - 17.8)	(15.4 - 18.8)
Age-adjusted percentage	19.4	19.6	17.2	15.9	16.1	17.2
95% C.I.	(17.4 - 21.6)	(17.9 - 21.5)	(15.4 - 19.2)	(13.3 - 18.8)	(14.5 - 17.8)	(15.5 - 19.0)
GOAL (%)	12	12	12	12	12	12

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-1/ SUPPLEMENT 11

**Percent of adults who smoke
Hawaii county, Hawaii, 2001-2006**

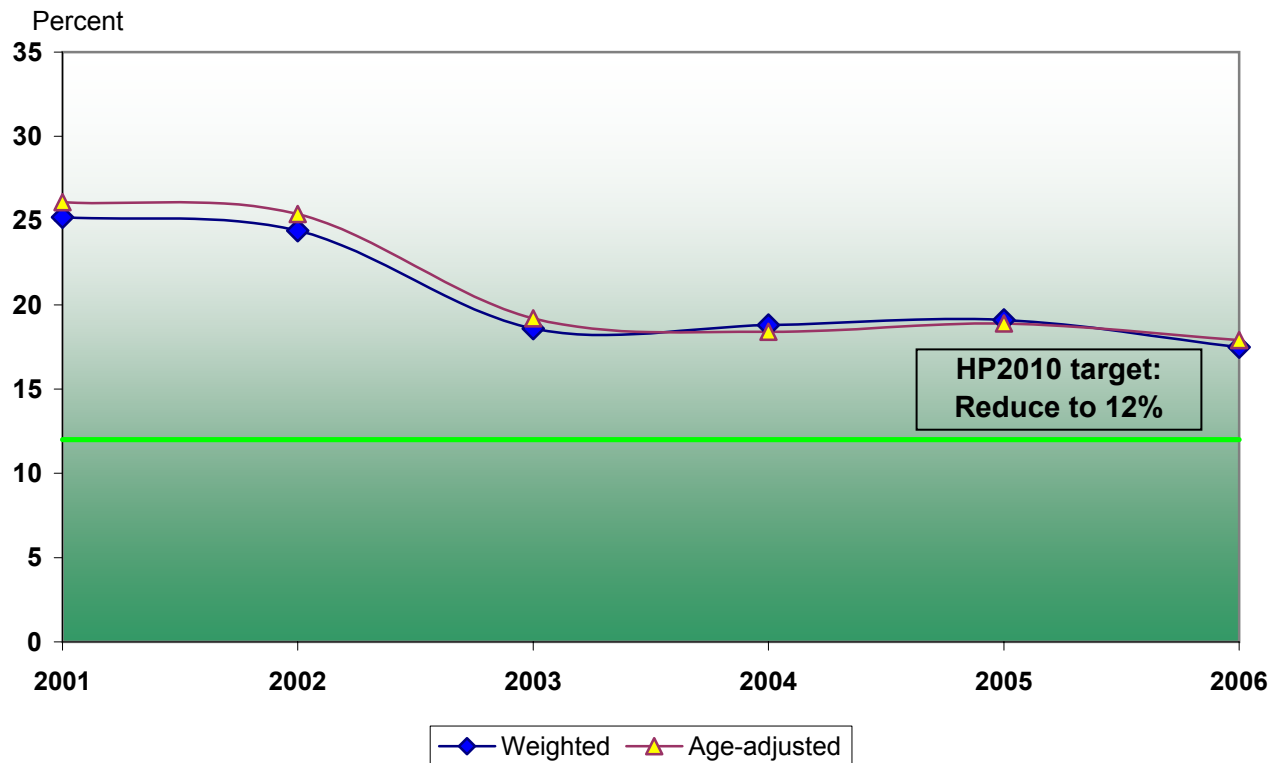


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1020	1379	972	564	1659	1394
Smokers	221	278	161	119	300	255
Weight percentage	23.6	23.4	17.0	23.0	19.8	19.1
95% C.I.	(20.6 - 26.9)	(20.8 - 26.3)	(14.2 - 20.2)	(18.8 - 27.8)	(17.3 - 22.5)	(16.6 - 21.8)
Age-adjusted percentage	24.7	24.1	17.7	23.4	20.2	20.0
95% C.I.	(21.6 - 28.0)	(21.3 - 27.2)	(14.7 - 21.1)	(19.0 - 28.4)	(17.6 - 23.0)	(17.4 - 22.8)
GOAL (%)	12	12	12	12	12	12

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-1/ SUPPLEMENT 12

**Percent of adults who smoke
Kauai county, Hawaii, 2001-2006**

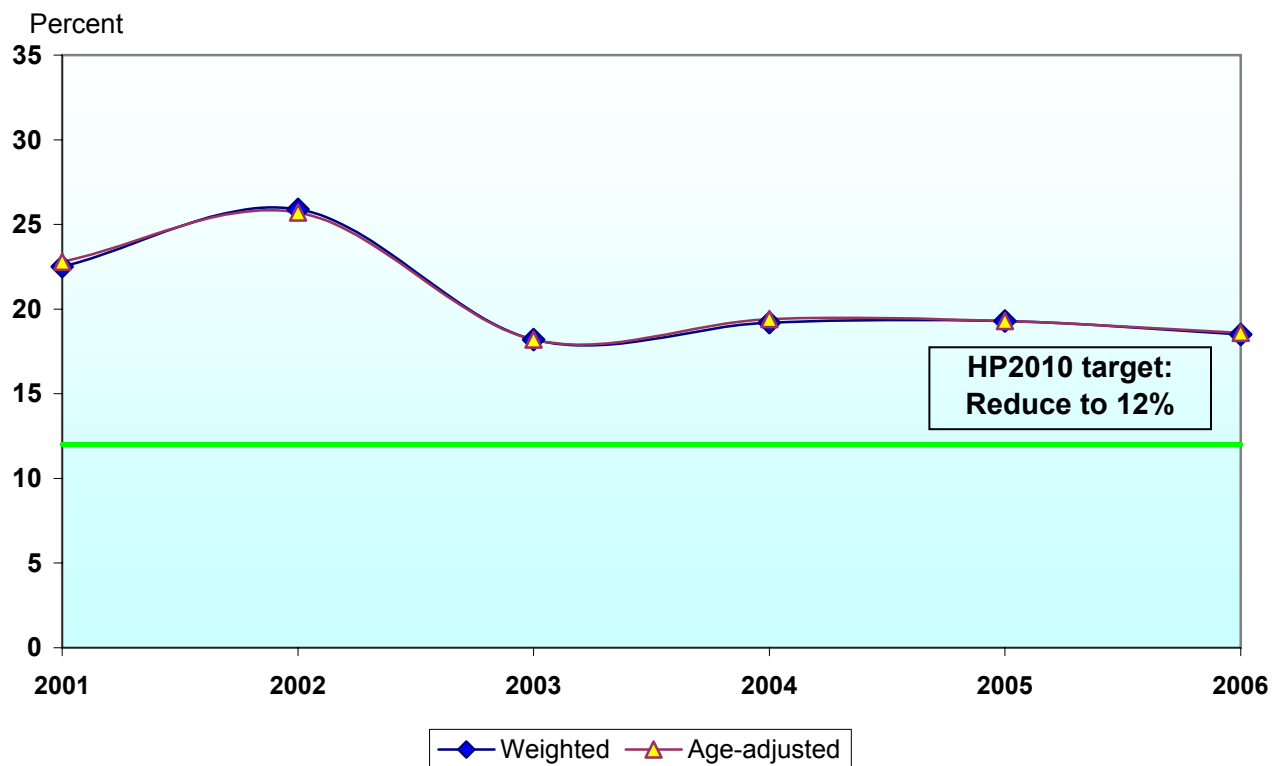


YEAR	2001	2002	2003	2004	2005	2006
Sample size	549	601	421	289	589	665
Smokers	125	127	76	56	96	118
Weight percentage	25.2	24.4	18.6	18.8	19.1	17.5
95% C.I.	(21.0 - 30.0)	(20.3 - 28.9)	(14.6 - 23.4)	(14.1 - 24.5)	(15.1 - 23.8)	(14.3 - 21.3)
Age-adjusted percentage	26.1	25.4	19.2	18.4	18.9	17.9
95% C.I.	(21.9 - 30.9)	(21.2 - 30.2)	(14.8 - 24.4)	(13.7 - 24.3)	(15.1 - 23.3)	(14.5 - 21.9)
GOAL (%)	12	12	12	12	12	12

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-1/ SUPPLEMENT 13

**Percent of adults who smoke
Maui county, Hawaii, 2001-2006**

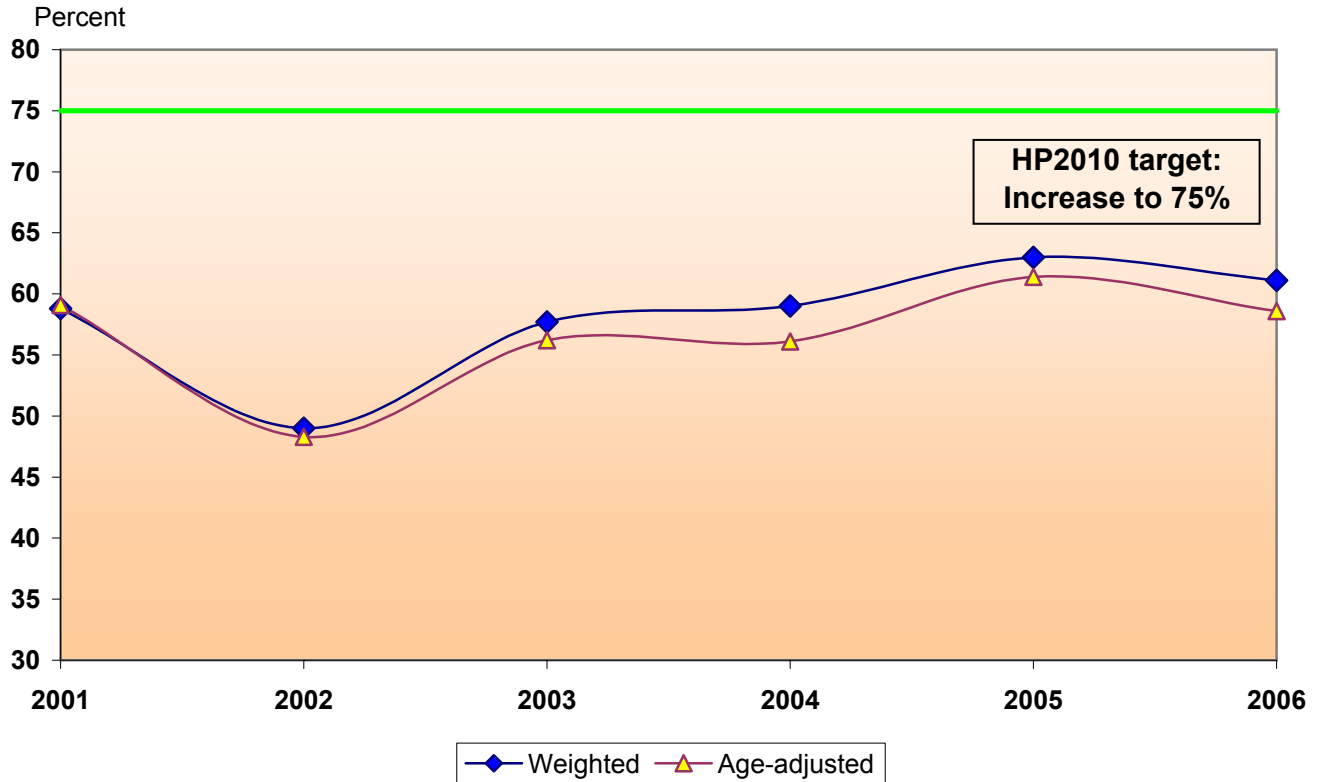


YEAR	2001	2002	2003	2004	2005	2006
Sample size	1011	1208	700	411	1199	1488
Smokers	235	301	127	69	223	256
Weight percentage	22.5	25.9	18.2	19.2	19.3	18.5
95% C.I.	(19.5 - 25.8)	(22.9 - 29.1)	(14.9 - 22.0)	(14.0 - 25.8)	(16.3 - 22.7)	(15.8 - 21.6)
Age-adjusted percentage	22.8	25.7	18.2	19.4	19.3	18.6
95% C.I.	(19.7 - 26.3)	(22.7 - 28.9)	(14.8 - 22.2)	(14.0 - 26.3)	(16.3 - 22.8)	(15.8 - 21.7)
GOAL (%)	12	12	12	12	12	12

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-5

Percent of adult smokers who ever tried to quit smoking Hawaii, 2001-2006

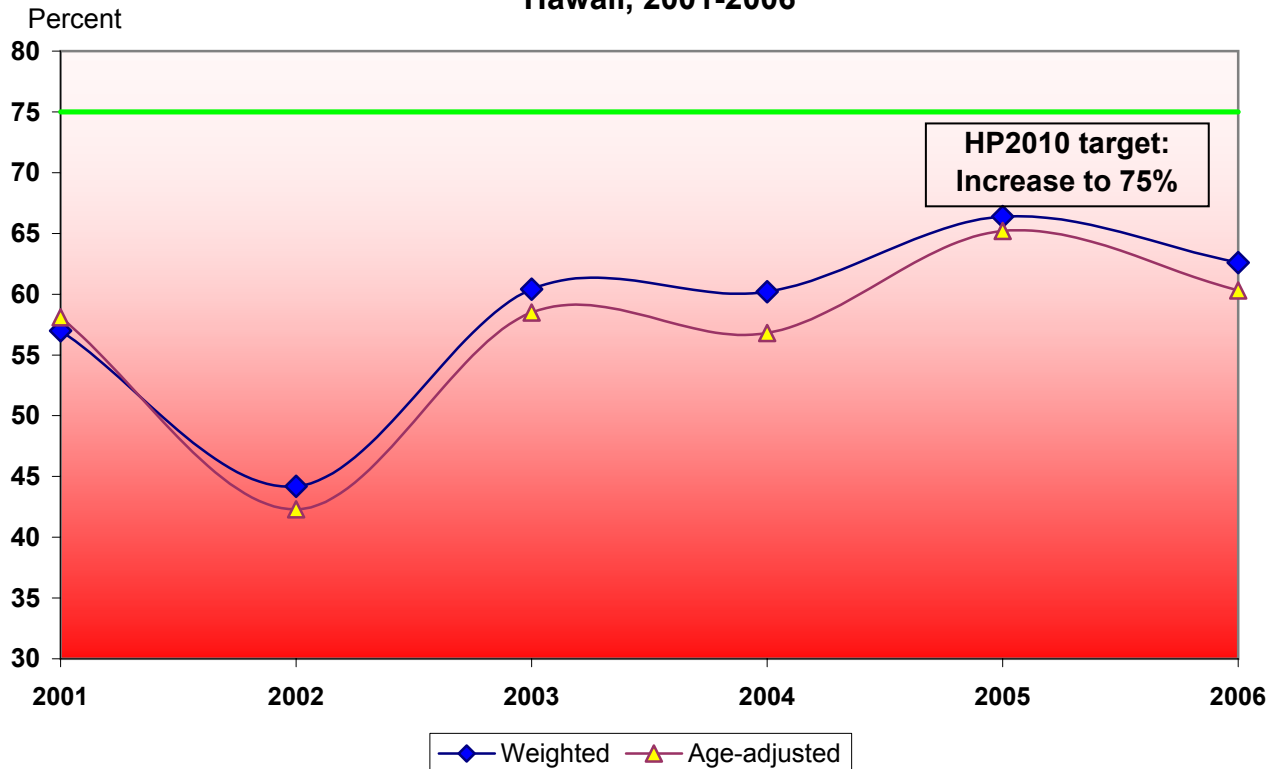


YEAR	2001	2002	2003	2004	2005	2006
Sample size	934	1202	731	393	1070	1097
Tried to quit smoking	540	572	408	215	606	619
Weight percentage	58.8	49.0	57.7	59.0	63.0	61.1
95% C.I.	(54.4 - 63.1)	(45.1 - 52.9)	(53.0 - 62.3)	(52.4 - 65.3)	(59.1 - 66.8)	(57.1 - 65.1)
Age-adjusted percentage	59.1	48.3	56.2	56.1	61.4	58.6
95% C.I.	(54.7 - 63.4)	(44.2 - 52.3)	(51.7 - 60.6)	(50.0 - 62.1)	(57.4 - 65.3)	(54.7 - 62.5)
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-5/ SUPPLEMENT 1

**Percent of male adult smokers who ever tried to quit smoking
Hawaii, 2001-2006**

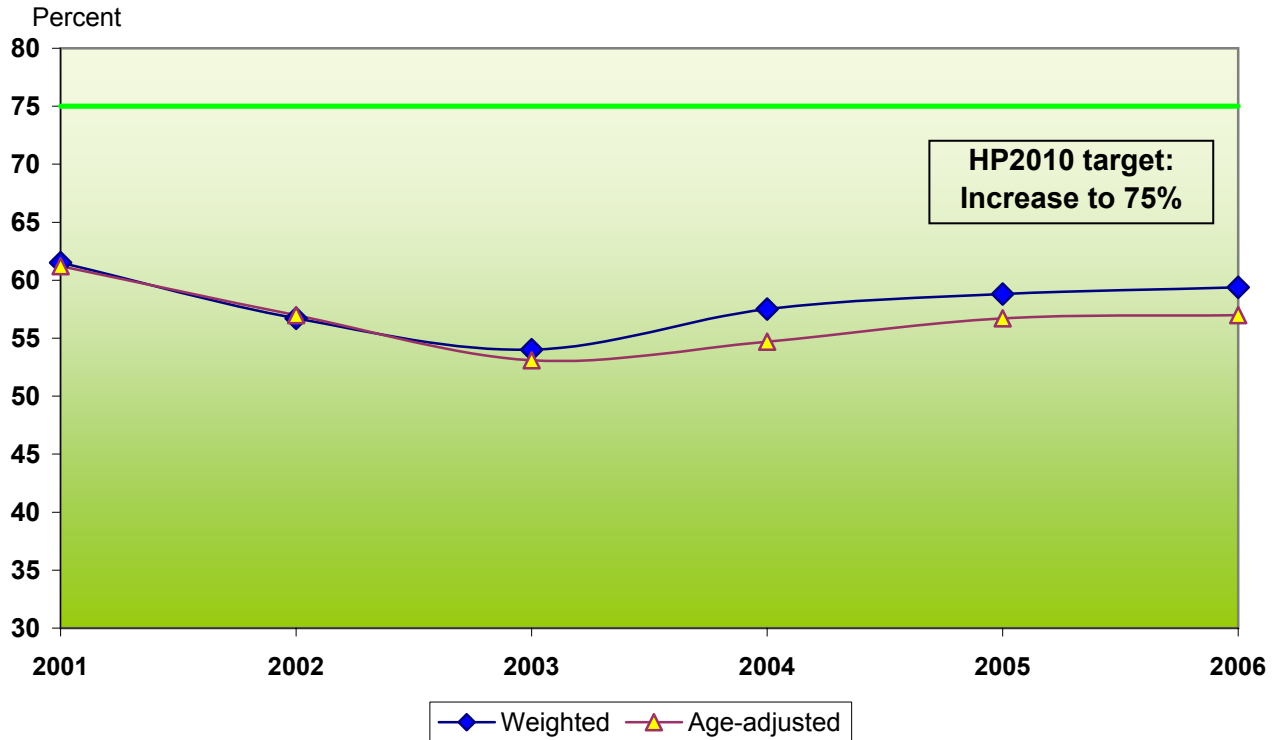


YEAR	2001	2002	2003	2004	2005	2006
Sample size	463	648	342	177	478	503
Tried to quit smoking	263	262	192	96	280	279
Weight percentage	57.0	44.2	60.4	60.2	66.4	62.6
95% C.I.	(50.8 - 63.0)	(39.0 - 49.6)	(53.7 - 66.8)	(50.7 - 68.9)	(60.7 - 71.6)	(56.8 - 68.1)
Age-adjusted percentage	58.1	42.3	58.5	56.8	65.2	60.3
95% C.I.	(52.0 - 64.0)	(37.2 - 47.6)	(52.2 - 64.6)	(48.2 - 65.1)	(59.5 - 70.6)	(54.7 - 65.6)
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-5/ SUPPLEMENT 2

**Percent of female adult smokers who ever tried to quit smoking
Hawaii, 2001-2006**

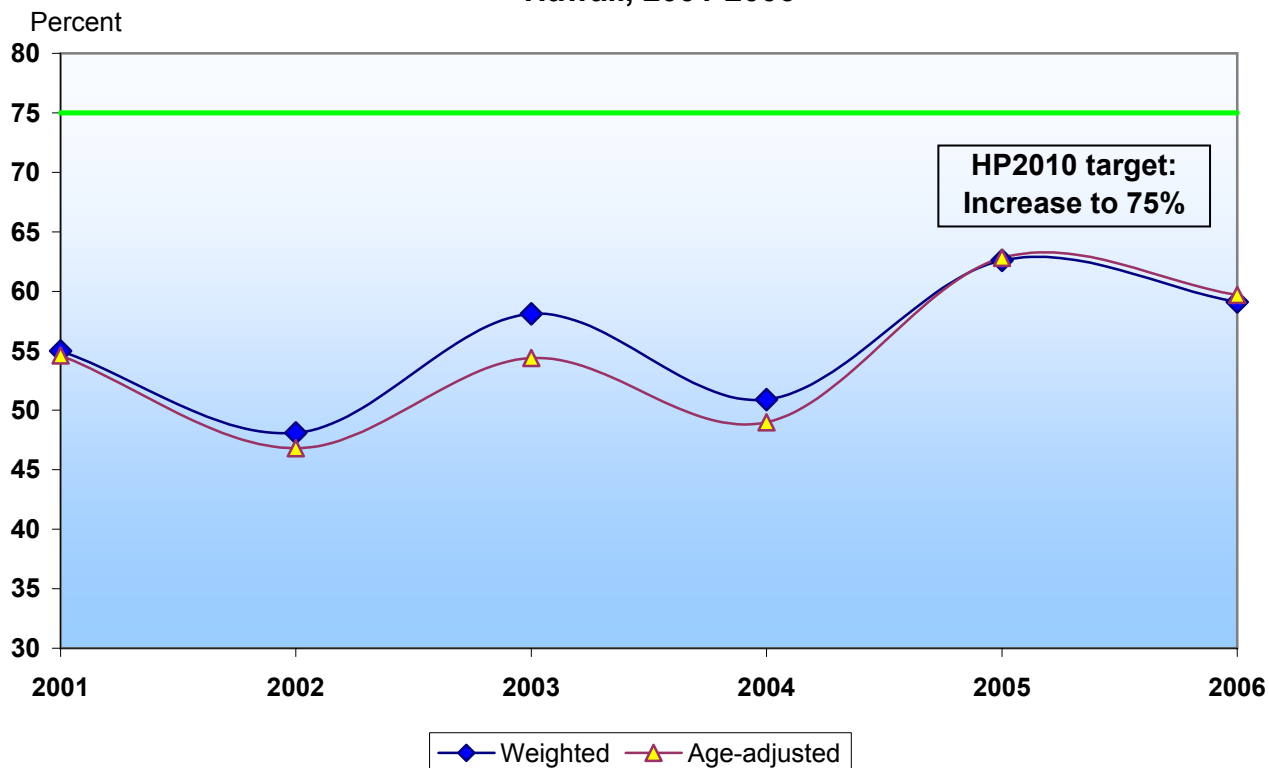


YEAR	2001	2002	2003	2004	2005	2006
Sample size	471	554	389	216	592	594
Tried to quit smoking	277	310	216	119	326	340
Weight percentage	61.5	56.7	54.0	57.5	58.8	59.4
95% C.I.	(55.5 - 67.2)	(51.3 - 61.9)	(47.8 - 60.0)	(48.4 - 66.1)	(53.5 - 63.9)	(53.7 - 64.7)
Age-adjusted percentage	61.2	57.0	53.1	54.7	56.7	57.0
95% C.I.	(55.1 - 66.9)	(51.3 - 62.6)	(46.9 - 59.3)	(46.5 - 62.8)	(51.5 - 61.7)	(51.5 - 62.3)
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-5/ SUPPLEMENT 3

**Percent of White adult smokers who ever tried to quit smoking
Hawaii, 2001-2006**

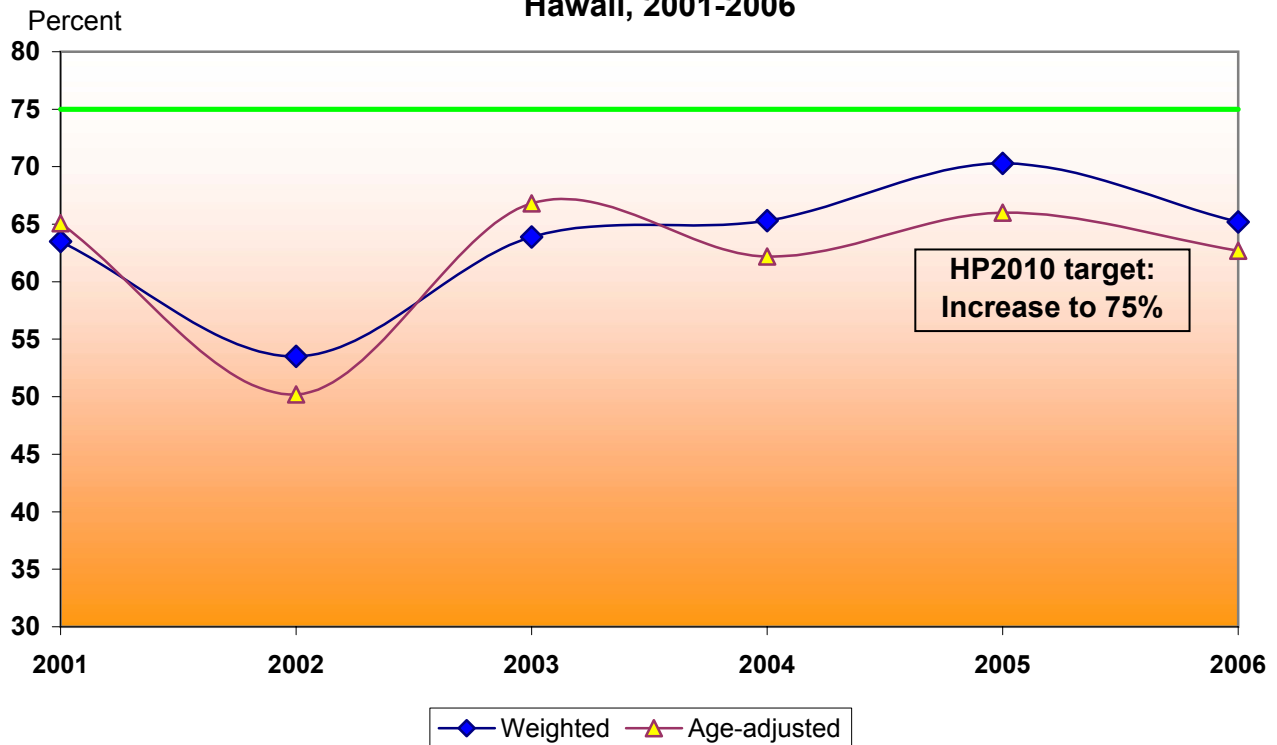


YEAR	2001	2002	2003	2004	2005	2006
Sample size	412	487	273	164	453	440
Tried to quit smoking	228	231	146	83	259	245
Weight percentage	55.0	48.1	58.1	50.9	62.6	59.1
95% C.I.	(48.3 - 61.4)	(42.1 - 54.0)	(50.3 - 65.5)	(40.3 - 61.5)	(56.2 - 68.5)	(52.7 - 65.2)
Age-adjusted percentage	54.6	46.8	54.4	49.0	62.8	59.7
95% C.I.	(47.7 - 61.3)	(40.8 - 53.0)	(47.9 - 60.7)	(40.2 - 57.8)	(56.6 - 68.6)	(53.2 - 65.9)
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-5/ SUPPLEMENT 4

**Percent of Hawaiians adult smokers who ever tried to quit smoking
Hawaii, 2001-2006**

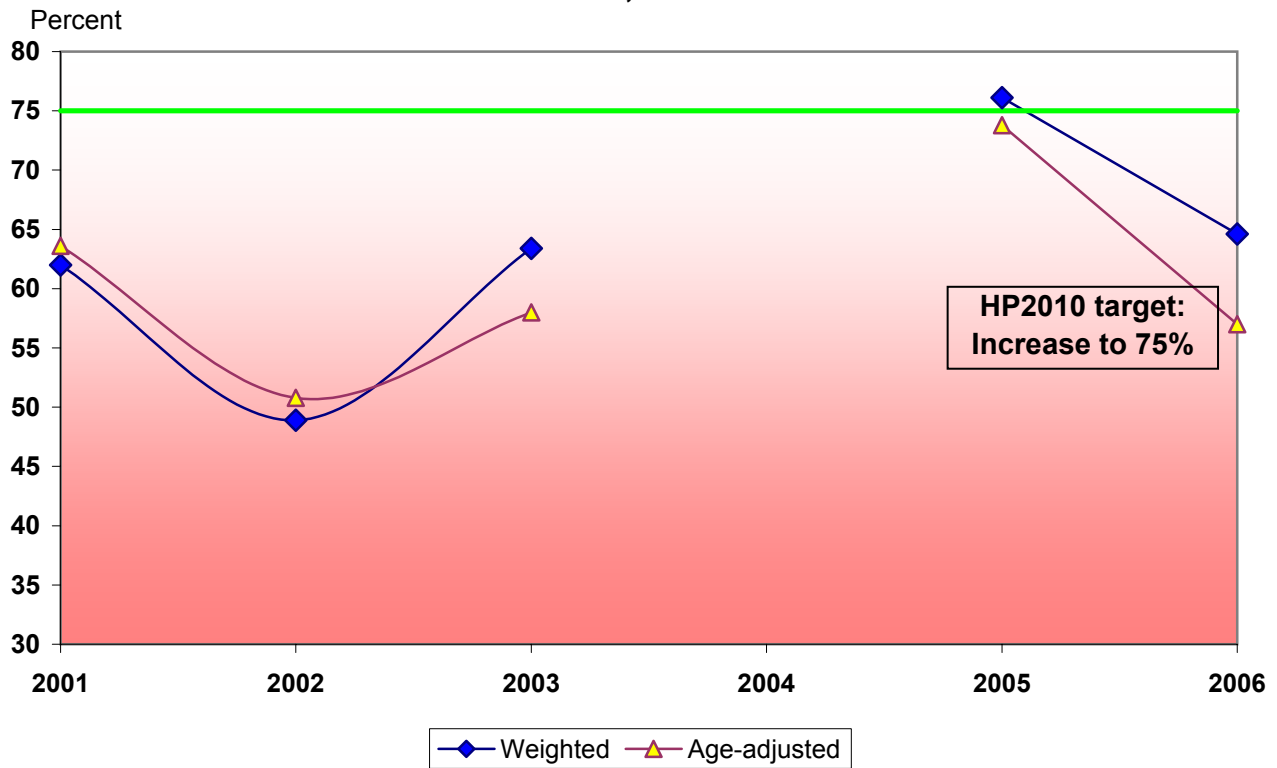


YEAR	2001	2002	2003	2004	2005	2006
Sample size	172	264	162	80	206	207
Tried to quit smoking	108	126	107	48	123	125
Weight percentage	63.5	53.5	63.9	65.3	70.3	65.2
95% C.I.	(52.6 - 73.3)	(45.0 - 61.8)	(54.4 - 72.5)	(51.2 - 77.2)	(61.5 - 77.9)	(55.9 - 73.5)
Age-adjusted percentage	65.1	50.2	66.8	62.2	66.0	62.7
95% C.I.	(54.1 - 74.8)	(42.1 - 58.2)	(57.2 - 75.2)	(50.7 - 72.6)	(57.0 - 74.0)	(53.9 - 70.7)
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-5/ SUPPLEMENT 5

Percent of Filipino adult smokers who ever tried to quit smoking
Hawaii, 2001-2006

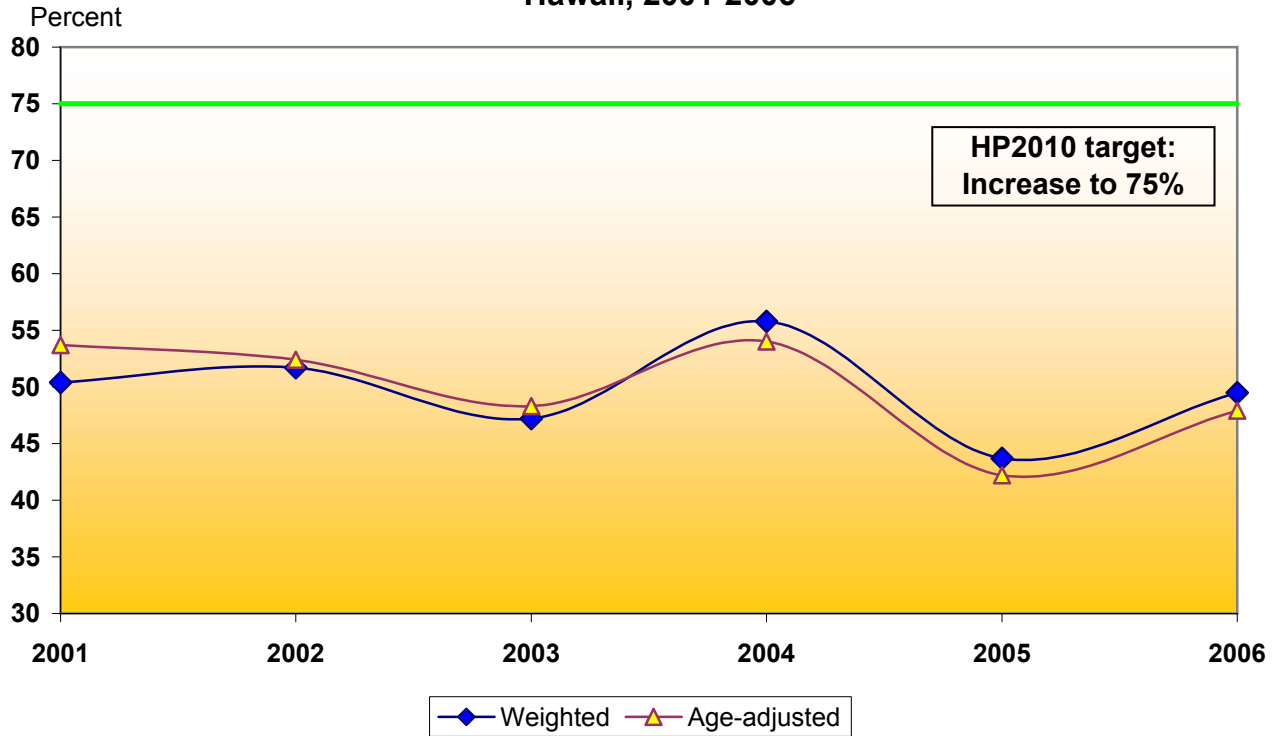


YEAR	2001	2002	2003	2004	2005	2006
Sample size	106	152	64	<i>less than 50</i>	109	123
Tried to quit smoking	67	72	34		71	70
Weight percentage	62.0	48.9	63.4		76.1	64.6
95% C.I.	(48.9 - 73.5)	(37.7 - 60.3)	(47.9 - 76.5)		(64.9 - 84.5)	(52.7 - 75.0)
Age-adjusted percentage	63.6	50.8	58.0		73.8	57.0
95% C.I.	(51.5 - 74.2)	(40.9 - 60.6)	(44.8 - 70.2)		(61.5 - 83.3)	(48.2 - 65.4)
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-5/ SUPPLEMENT 6

**Percent of Japanese adult smokers who ever tried to quit smoking
Hawaii, 2001-2006**

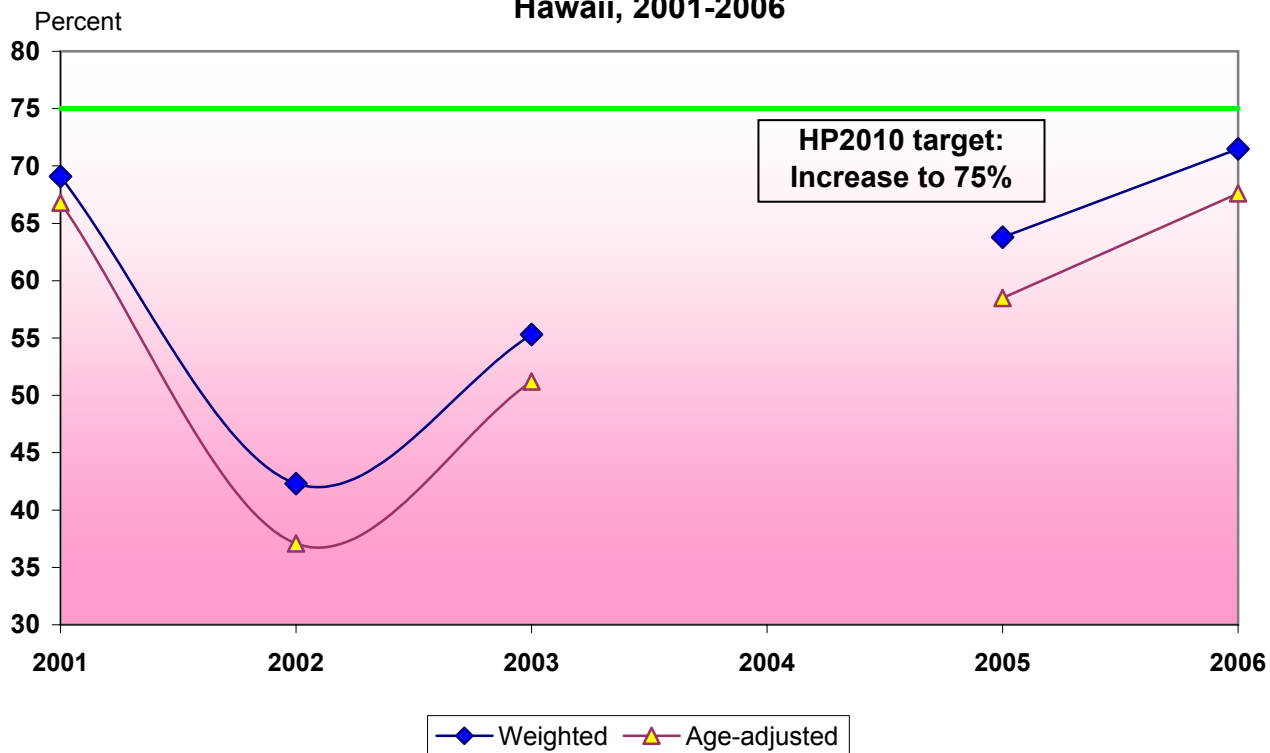


YEAR	2001	2002	2003	2004	2005	2006
Sample size	134	162	95	67	161	180
Tried to quit smoking	67	80	42	32	71	89
Weight percentage	50.4	51.7	47.2	55.8	43.7	49.5
95% C.I.	(39.3 - 61.4)	(41.7 - 61.6)	(34.0 - 60.7)	(40.6 - 69.9)	(34.5 - 53.3)	(39.6 - 59.4)
Age-adjusted percentage	53.7	52.4	48.3	54.0	42.2	47.9
95% C.I.	(43.1 - 63.9)	(42.9 - 61.6)	(40.1 - 56.5)	(39.8 - 67.6)	(32.9 - 52.1)	(38.6 - 57.3)
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-5/ SUPPLEMENT 7

Percent of adult smokers of other races who ever tried to quit smoking
Hawaii, 2001-2006

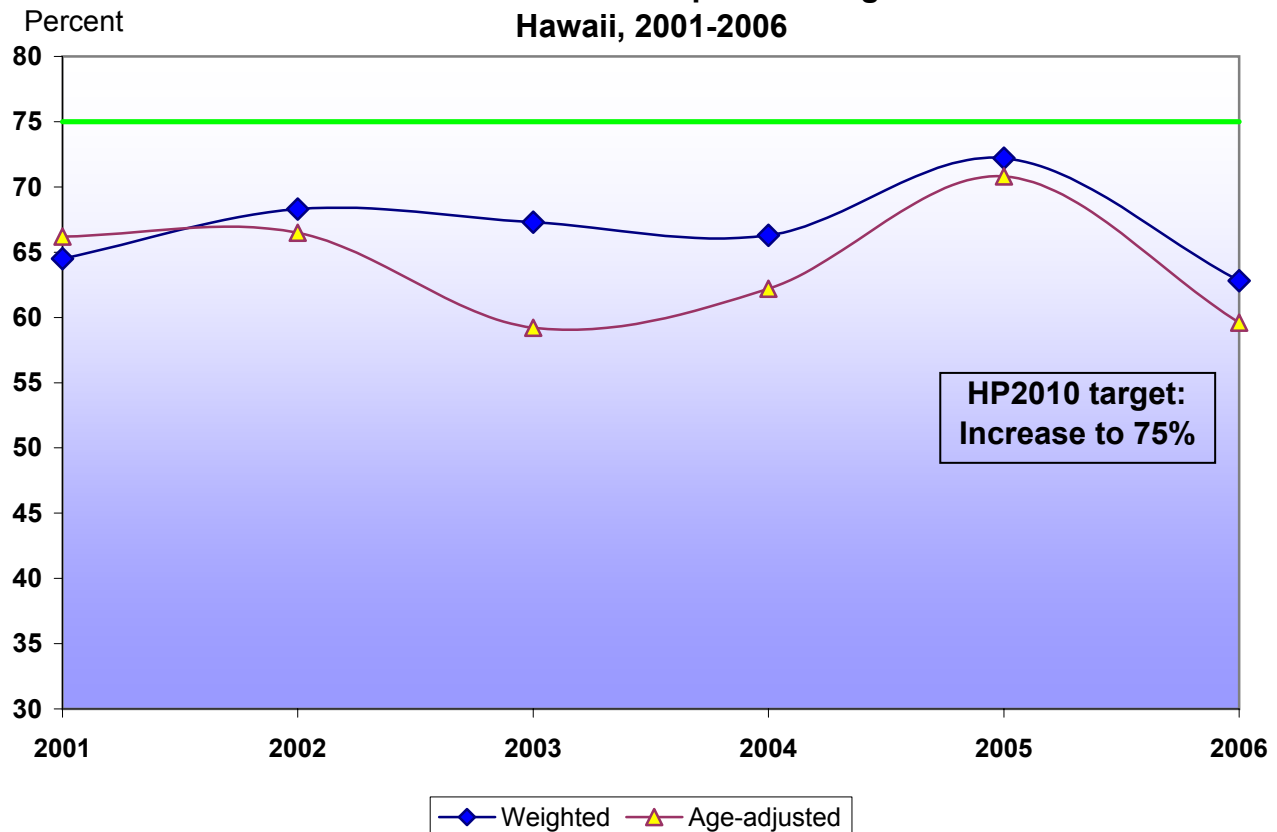


YEAR	2001	2002	2003	2004	2005	2006
Sample size	110	137	137	<i>less than 50</i>	141	147
Tried to quit smoking	70	63	79		82	90
Weight percentage	69.1	42.3	55.3		63.8	71.5
95% C.I.	(56.9 - 79.1)	(32.7 - 52.5)	(44.8 - 65.4)		(53.6 - 72.9)	(61.9 - 79.6)
Age-adjusted percentage	66.8	37.1	51.2		58.5	67.6
95% C.I.	(55.1 - 76.8)	(29.4 - 45.5)	(41.6 - 60.6)		(48.9 - 67.6)	(57.6 - 76.2)
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-5/ SUPPLEMENT 8

Percent of adult smokers, in low income households, who ever tried to quit smoking
Hawaii, 2001-2006

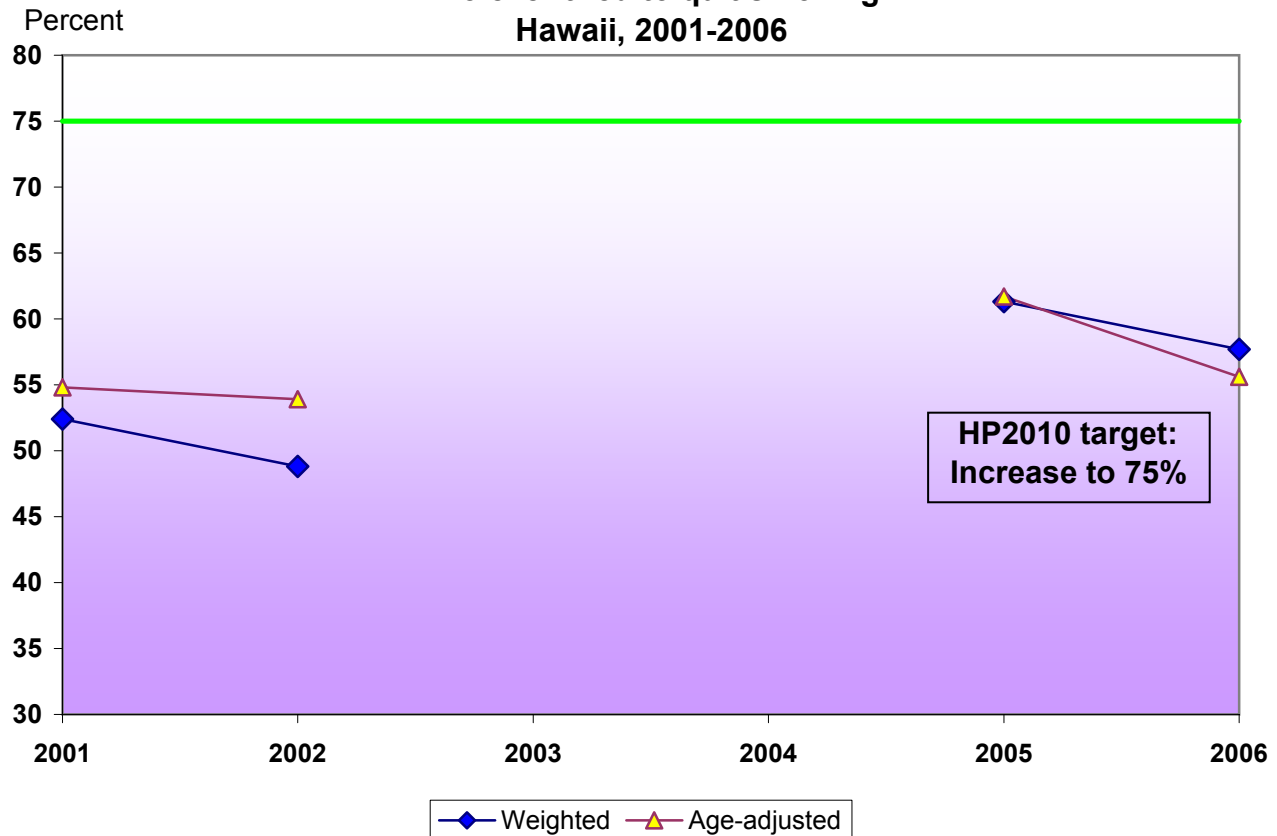


YEAR	2001	2002	2003	2004	2005	2006
Sample size	162	187	132	75	193	187
Tried to quit smoking	104	115	80	45	121	116
Weight percentage	64.5	68.3	67.3	66.3	72.2	62.8
95% C.I.	(53.8 - 73.9)	(59.2 - 76.2)	(56.5 - 76.6)	(51.6 - 78.3)	(63.4 - 79.5)	(52.3 - 72.2)
Age-adjusted percentage	66.2	66.5	59.2	62.2	70.8	59.6
95% C.I.	(55.7 - 75.4)	(56.0 - 75.5)	(49.5 - 68.3)	(48.9 - 73.9)	(61.8 - 78.3)	(49.7 - 68.8)
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-5/ SUPPLEMENT 9

Percent of adult smokers with less education who ever tried to quit smoking
Hawaii, 2001-2006

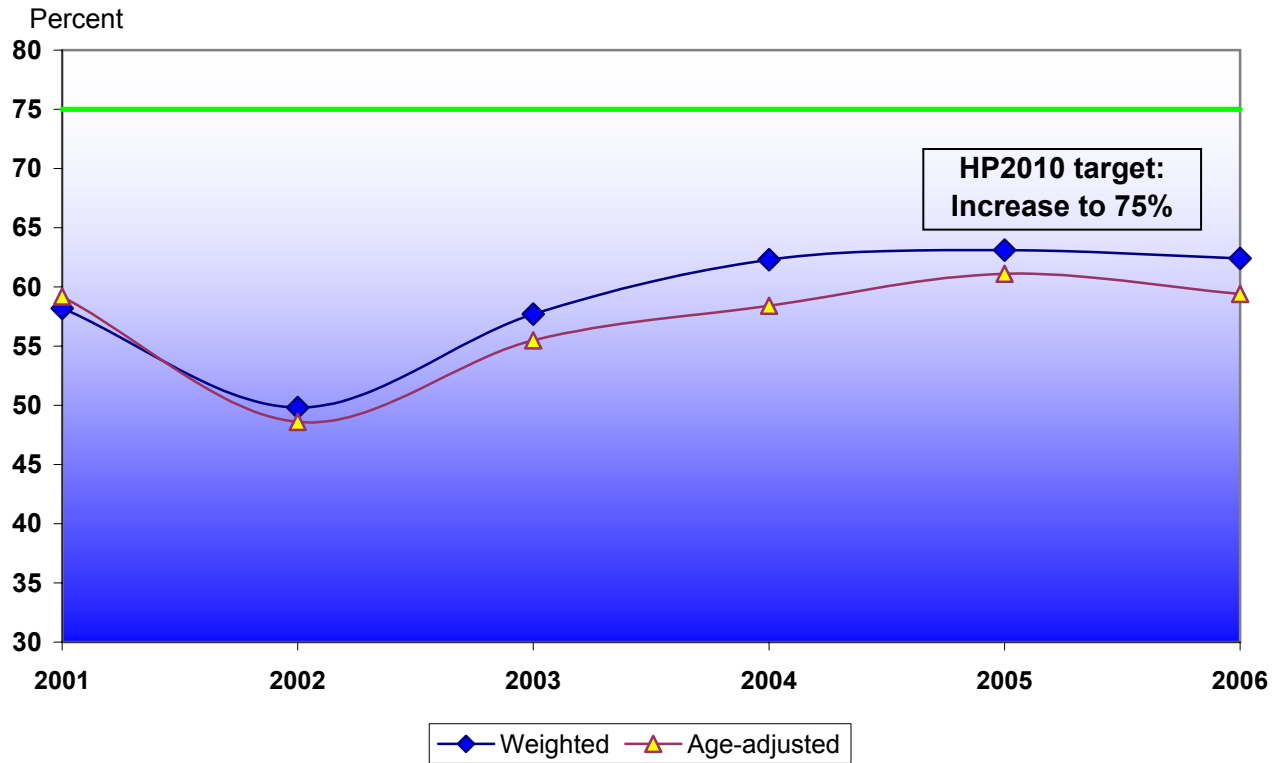


YEAR	2001	2002	2003	2004	2005	2006
Sample size	63	74	<i>less than 50</i>		88	90
Tried to quit smoking	33	36			55	48
Weight percentage	52.4	48.8			61.3	57.7
95% C.I.	(35.8 - 68.4)	(32.9 - 64.9)			(46.4 - 74.3)	(43.3 - 70.8)
Age-adjusted percentage	54.8	53.9			61.7	55.6
95% C.I.	(41.8 - 67.2)	(40.4 - 66.8)			(47.2 - 74.3)	(42.8 - 67.6)
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-5/ SUPPLEMENT 10

**Percent of adult smokers who ever tried to quit smoking
Honolulu county, Hawaii, 2001-2006**

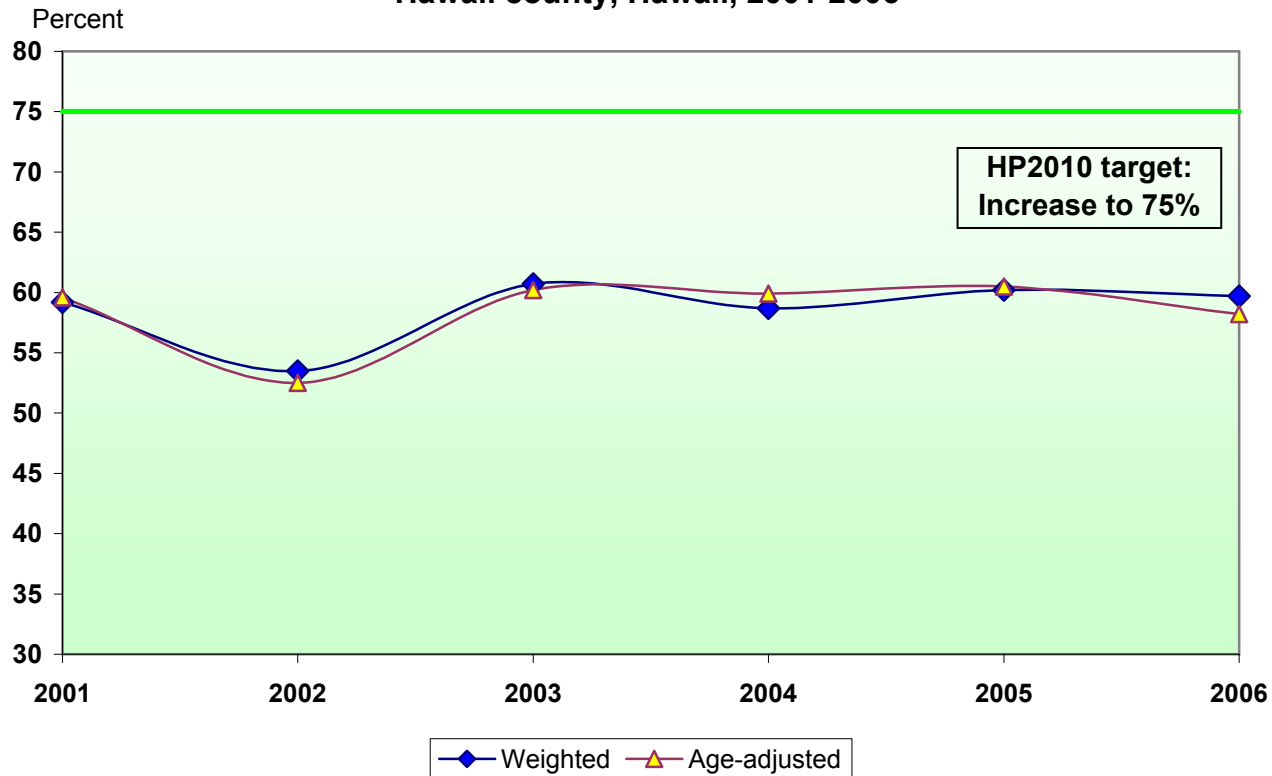


YEAR	2001	2002	2003	2004	2005	2006
Sample size	353	496	367	149	451	468
Tried to quit smoking	201	250	202	81	257	272
Weight percentage	58.2	49.8	57.7	62.3	63.1	62.4
95% C.I.	(52.1 - 64.0)	(44.5 - 55.0)	(51.6 - 63.6)	(53.4 - 70.4)	(57.8 - 68.2)	(57.0 - 67.6)
Age-adjusted percentage	59.2	48.6	55.5	58.4	61.1	59.4
95% C.I.	(53.1 - 64.9)	(43.1 - 54.2)	(49.7 - 61.1)	(50.4 - 65.9)	(55.8 - 66.2)	(54.2 - 64.3)
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-5/ SUPPLEMENT 11

**Percent of adult smokers who ever tried to quit smoking
Hawaii county, Hawaii, 2001-2006**

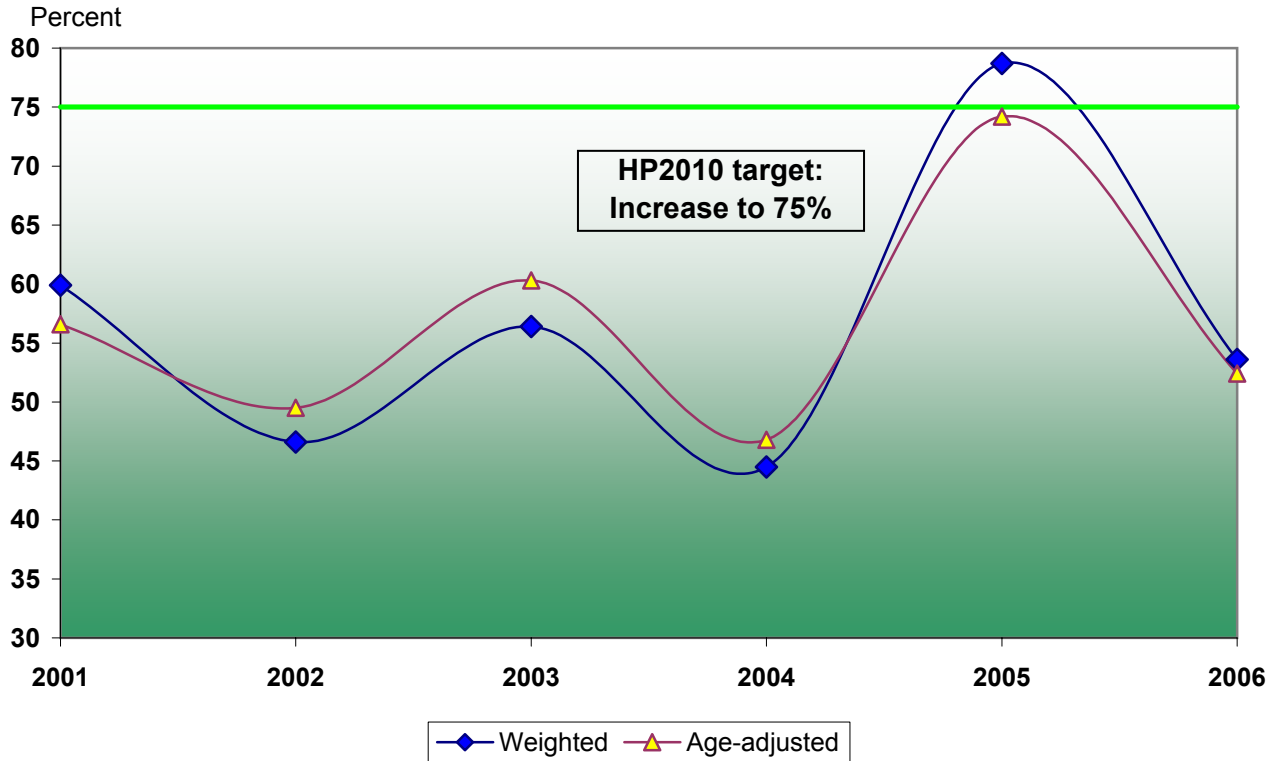


YEAR	2001	2002	2003	2004	2005	2006
Sample size	221	278	161	119	300	255
Tried to quit smoking	126	144	98	71	160	142
Weight percentage	59.2	53.5	60.7	58.7	60.2	59.7
95% C.I.	(51.6 - 66.4)	(46.6 - 60.4)	(50.8 - 69.8)	(47.4 - 69.1)	(53.0 - 66.9)	(52.2 - 66.7)
Age-adjusted percentage	59.6	52.5	60.2	59.9	60.5	58.2
95% C.I.	(51.9 - 66.9)	(45.1 - 59.8)	(50.7 - 68.9)	(48.9 - 70.1)	(53.7 - 66.9)	(50.8 - 65.3)
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-5/ SUPPLEMENT 12

**Percent of adult smokers who ever tried to quit smoking
Kauai county, Hawaii, 2001-2006**

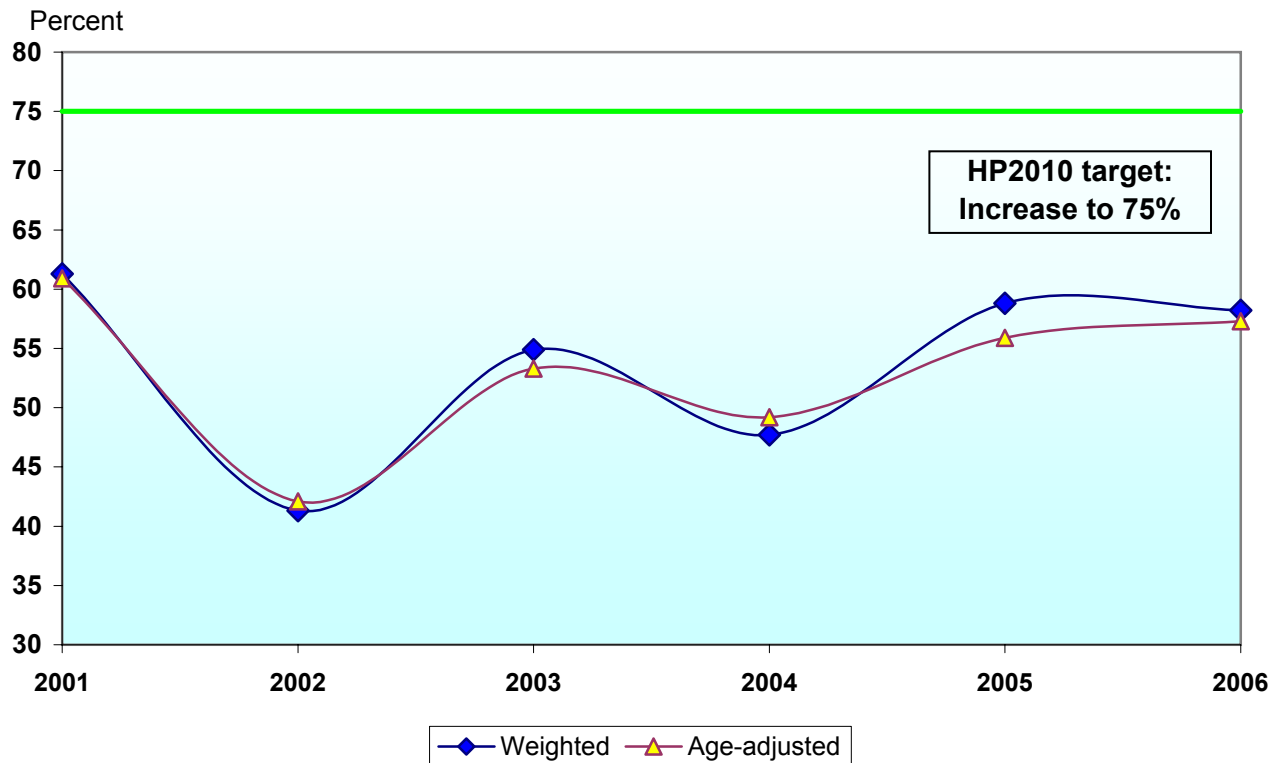


YEAR	2001	2002	2003	2004	2005	2006
Sample size	125	127	76	56	96	118
Tried to quit smoking	71	59	42	27	65	61
Weight percentage	59.9	46.6	56.4	44.5	78.7	53.6
95% C.I.	(49.6 - 69.4)	(36.5 - 56.9)	(43.0 - 69.0)	(30.4 - 59.6)	(69.5 - 85.8)	(42.9 - 63.9)
Age-adjusted percentage	56.6	49.5	60.3	46.8	74.2	52.4
95% C.I.	(46.6 - 66.2)	(38.9 - 60.2)	(50.3 - 69.6)	(31.3 - 62.9)	(62.0 - 83.5)	(41.4 - 63.1)
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

OBJECTIVE 27-5/ SUPPLEMENT 13

Percent of adult smokers who ever tried to quit smoking
Maui county, Hawaii, 2001-2006



YEAR	2001	2002	2003	2004	2005	2006
Sample size	235	301	127	69	223	256
Tried to quit smoking	142	119	66	36	124	144
Weight percentage	61.3	41.3	54.9	47.7	58.8	58.2
95% C.I.	(53.6 - 68.6)	(34.6 - 48.4)	(44.2 - 65.2)	(31.3 - 64.7)	(49.8 - 67.3)	(49.7 - 66.3)
Age-adjusted percentage	60.9	42.1	53.3	49.2	55.9	57.3
95% C.I.	(53.5 - 67.9)	(35.2 - 49.3)	(43.6 - 62.8)	(37.0 - 61.5)	(47.3 - 64.1)	(49.0 - 65.3)
GOAL (%)	75	75	75	75	75	75

Source: Hawaii Behavioral Risk Factor Surveillance System
State of Hawaii, Department of Health

APPENDIX A

- **Access to Quality Health service**

- **Objective 1.1:**

- *Increase the proportion of persons under age 65 years with health insurance to **100%**.*

- **Baseline:** 83 percent of persons under age 65 years were covered by health insurance in 1997 (age adjusted to the year 2000 standard population).

- **Target setting method:** Total coverage.

- **Question used to obtain the data:**

- *Do you have any kind of health care coverage, including health insurance, prepaid plans such as HMOs, or government plan such as Medicare?*

- (HLTHPLAN)

- *Age-adjusted by distribution #22*

- **Objective 1.4c:**

- *Increase the proportion of adults aged 18 years and older who have a specific source of ongoing care to **96%***

- **Baseline:** 85 percent of persons aged 18 and older with specific source of ongoing care in 1998 (age adjusted to the year 2000 standard population).

- **Target setting method:** Better than the best.

- **Question used to obtain the data:**

- *Do you have one person [or more than one] you think of as your personal doctor or health care provider?*

- (PERSDOC2)

- *Age-adjusted by distribution #9*

- **Cancer**

- **Objective 3-11a**

- *Increase the proportion of women aged 18 years and older who have ever received a Pap test to **97%***

- **Baseline:** In 1998, 92 percent of women 18 years and older who have ever received a Pap test (Age adjusted to the year 2000 standard population, includes women without a uterine cervix).

- **Target setting method:** Better than the best

- **Question used to obtain the data:**

- *Have you ever had a pap smear?*

- (HADPAP for 01:02:03; HADPAP2 for 04:05:06)

- *Age-adjusted by distribution #9*

Objective 3-11b

Increase the proportion of women aged 18 years and older who have ever received a Pap test within the preceding 3 years to 90%

Baseline: In 1998, 79 percent of women 18 years and older who received a Pap test in the preceding 3 years. (Age adjusted to the year 2000 standard population, includes women without a uterine cervix).

Target setting method: Better than the best

Question used to obtain the data:

How long has it been since your last pap smear?
(LASTPAP for 01:02:03; LASTPAP2 for 04:05:06)
Age-adjusted by distribution #9

Objective 3-12a

Increase the proportion of adults aged 50 years and older who have received a fecal occult blood test (FOBT) within the preceding 2 years to 33% (revised from 50%)

Baseline: In 2000, 24 percent of adults 50 years and older who have ever received a Fecal Occult Blood Test (Age adjusted to the year 2000 standard population). *Baseline year and baseline are revised from 1998 and 35% after the November 2000 publication.*

Target setting method: Better than the best

Question used to obtain the data:

A blood stool test is a test that may use a special kit at home to determine whether the stool contains blood. Have you ever had this test using a home kit?
How long has it been since your last blood stool test using a home kit?
(BLDSTOOL, LSTBLDS2)
Age-adjusted by distribution #17

Objective 3-12b

Increase the proportion of adults aged 50 years and older who have ever received a sigmoidoscopy to 50%

Baseline: In 1998, 37 percent of adults 50 years and older who have ever received a sigmoidoscopy (Age adjusted to the year 2000 standard population).

Target setting method: Better than the best

Question used to obtain the data:

Sigmoidoscopy and colonoscopy are exams in which a tube is inserted in the rectum to view the bowel for signs of cancer or other health problems. Have you ever had either of these exams?
(HADSIGM2 for 01:02:03; HADSIGM3 for 04:05:06)
Age-adjusted by distribution #17

Objective 3-13

*Increase the proportion of women aged 40 years and older who have received a mammogram within the preceding 2 years to **70%***

Baseline: In 1998, 67 percent of women 40 years and older who have ever received a mammogram within the preceding 2 years (Age adjusted to the year 2000 standard population).

Target setting method: Better than the best

Question used to obtain the data:

Have you ever had a mammogram?

How long has it been since your last mammogram?

(HADMAM, HOWLONG)

Age-adjusted by distribution #15

- **Diabetes**

Due to the revision after November 2000 publication, the target and baseline of some of the following objectives are revised. ()*

Objective 5-1

*Increase the proportion of persons with diabetes who receive formal diabetes education to **60%***

Baseline: In 1998, 45 percent with diabetes who received formal diabetes education (Age adjusted to the year 2000 standard population).

Target setting method: Better than the best

Question used to obtain the data:

Have you ever taken a course or class in how to manage your diabetes yourself?

(DIABEDU)

Age-adjusted by distribution #9

Objective 5-3

*Reduce the overall rate of diabetes that is clinically diagnosed to **2.5%** (25 overall cases per 1,000 population)*

Baseline: 40 overall cases (including new and existing cases) of diabetes per 1,000 population occurred in 1997 (Age adjusted to the year 2000 standard population).

Target setting method: Better than the best

Question used to obtain the data:

Have you ever been told by a doctor, a nurse or a health professional that you have diabetes?

(DIABETES for 01:02:03; DIABETES for 04:05:06)

Age-adjusted by distribution #9

Objective 5-12

Increase the proportion of adults with diabetes who have a glycosylated hemoglobin measurement at least once a year to 65% (: revised from 50%)*

Baseline: 59 percent of adults aged 18 years and older with diabetes had a glycosylated hemoglobin measurement at least once a year (mean value of data from 39 States in 1998, age adjusted to the year 2000 standard population) (*: revised from 24%)

Target setting method: Better than the best

Question used to obtain the data:

About how many times in the last year has a doctor, nurse, or other health professional checked you for glycosylated hemoglobin "A one C"?

(CHKHEMO2 for 01:02:03; CHKHEMO3 for 04:05:06)

Age-adjusted by distribution #9

Objective 5-13

Increase the proportion of adults (aged 18+) with diabetes who have an annual dilated eye examination to 76% (: revised from 75%)*

Baseline: 49 percent of adults aged 18 years and older with diabetes had an annual dilated eye examination in 1998 (Age adjusted to the year 2000 standard population) (*: revised from 47%).

Target setting method: Better than the best

Question used to obtain the data:

When was the last time you had an eye exam in which the pupils were dilated?

(EYEEEXAM)

Age-adjusted by distribution #9

Objective 5-14

Increase the proportion of adults with diabetes who have at least an annual foot examination to 91% (: revised from 75%)*

Baseline: 68 percent of adults aged 18 years and older with diabetes had at least an annual foot examination (mean value of data from 39 States in 1998, age adjusted to the year 2000 standard population) (*: revised from 55%).

Target setting method: Better than the best

Question used to obtain the data:

About how many times in the last year has a other health professional checked your feet for any sores or irritations?

(FEETCHK)

Age-adjusted by distribution #9

- **Heart Disease and Stroke**

Objective 12-9

*Reduce the proportion of adults (aged 20+) with high blood pressure to **14%**
(revised from 16%)*

Baseline: 26 percent of adults aged 20 years and older had high blood pressure in 1988-1994 (age adjusted to the year 2000 standard population). *Baseline is revised from 28% after the November 2000 publication.*

Target setting method: Better than the best

Question used to obtain the data:

Have you ever been told by a doctor, nurse or other health professional that you have high blood pressure?

(BPHIGH2 for 01; BPHIGH3 for 03; BPHIGH4 for 05)

Age-adjusted by distribution #11

Objective 12-14

*Reduce the proportion of adults (aged 20+) with high total blood cholesterol levels to **17%***

Baseline: 21 percent of adults aged 20 years and older had total blood cholesterol levels of 240 mg/dL or greater in 1988-1994 (age adjusted to the year 2000 standard population).

Target setting method: Better than the best

Question used to obtain the data:

Have you ever been told by a doctor, nurse or other professional health that your blood cholesterol is high?

(Use calculated variable _RFCHOL for 01:03:05)

Age-adjusted by distribution #11

Objective 12-15

*Increase the proportion of adults who have had their blood cholesterol checked within the preceding 5 years to **80%***

Baseline: 67 percent of adults aged 18 years and older had their blood cholesterol checked within the preceding 5 years in 1998 (age adjusted to the year 2000 standard population).

Target setting method: Better than the best

Question used to obtain the data:

About how long has it been since you last had your blood cholesterol checked?

(Use calculated variable _CHOLCHK for 01:03:05)

Age-adjusted by distribution #9

- **Immunization**

- Objective 14-29a & 14-29b**

- Increase the proportion of adults aged 65 years and older who are vaccinated annually against influenza and ever vaccinated against pneumococcal disease to **90%***

- Age-adjusted by distribution #18*

- Objective 14-29c & 14-29d**

- Increase the proportion of adults aged 18 to 64 who are vaccinated annually against influenza and ever vaccinated against pneumococcal disease to **60%***

- Age-adjusted by distribution #22*

Baseline: In 1998

64 percent of adults aged 65 years and older had annually influenza vaccine

46 percents of adults aged 65 years and older ever had pneumococcal vaccine

26 percent of adults aged 18 to 64 years had annually influenza vaccine

13 percents of adults aged 18 to 64 years ever had pneumococcal vaccine

Age adjusted to the year 2000 standard population.

Target setting method: Better than the best

Questions used to obtain the data for these objectives above:

During the past 12 months have you had a flu shot?

(FLUSHOT for 01:02:03, FLUSHOT2 for 04, FLUSHOT3 for 05:06)

Have you ever had a pneumonia shot?

(PNEUVAC2 for 01:02:03:04, PNEUVAC3 for 05:06)

- **Nutrition and Overweight**

- Objective 19-1**

- Increase the proportion of adults (aged 20+) who are at healthy weight to **60%***

- Objective 19-2**

- Reduce the proportion of adults (aged 20+) who are obese to **15%***

Baseline: 42 percent of adults aged 20 were at healthy weight, 23% were identified as obese in 1988 – 1994 (age adjusted to the year 2000 standard population).

Target setting method: Better than the best

Questions used to obtain the data for the two above objectives:

About how much do you weight without shoes?

About how tall are you without shoes?

(Use calculated variable _BMI2 for 01:02, _BMI3 for 03, _BMI4 for 04:05:06)

Age-adjusted by distribution #11

Objective 19-5

*Increase the proportion of persons (aged 2 years and older) who consume at least two daily servings of fruit to **75%***

Baseline: 28 percent of persons aged 2 years and older consumed at least two daily servings of fruit in 1994 – 1996 (age adjusted to the year 2000 standard population).

Target setting method: Better than the best

Question used to obtain the data:

Not counting juice, how often do you eat fruit?

(FRUIT for 01:02:03:04:05)

Age-adjusted by distribution #9

Objective 19-6

*Increase the proportion of persons (aged 2 years and older) who consume at least three daily servings of vegetables, with at least one-third being dark green or orange vegetables to **50%***

Baseline: 3 percent of persons aged 2 years and older consumed at least three daily servings of vegetables, with at least one third of these servings being dark green or orange vegetables in 1994 – 1996 (age adjusted to the year 2000 standard population).

Target setting method: Better than the best

Questions used to obtain the data:

How often do you eat green salad?

How often do you eat carrots?

Not counting carrots, potatoes or green salad, how many servings of vegetables do you usually eat?

(GREENSAL, CARROTTS, VEGETABL for 01 to 05)

Age-adjusted by distribution #9

- **Oral health**

Objective 21-3

*Increase the proportion of adults (aged 35 - 44) who have never had a permanent tooth extracted because of dental caries or periodontal disease to **40%** (revised from 42%).*

Objective 21-4

*Reduce the proportion of older adults (aged 65 to 74) who have had all their natural teeth extracted to **22%** (revised from 20%)*

Baseline: 30 percent of adults aged 35 to 44 years had never had a permanent tooth extracted because of dental caries or periodontal disease in 1988 – 1994. *Baseline is revised from 31% after the November 2000 publication.*

28% of adults aged 65 to 74 years lost all of their natural teeth in 1997. . *Baseline is revised from 26% after the November 2000 publication.*

Target setting method: Better than the best

Question used to obtain the data:

How many of your permanent teeth have been removed because of tooth decay or gum disease? Do not include teeth lost for other reasons such as injury or orthodontics.

(RMVTEETH for 02:04:06)

Objective 21-10

*Increase the proportion of children and adults who use the oral health care system each year to **56%***

Question used to obtain the data:

How long has it been since you last visited a dentist or a dental clinic for any reason?

(LASTDEN2 for 02:04 LASTDEN3 for 06)

Age-adjusted by distribution #9

- **Physical Activity**

Objective 22-1

*Reduce the proportion of adults who engage in no leisure-time physical activity to **20%***

Baseline: 40 percent of adults aged 18 years and older engaged in no-leisure-time physical activity in 1997 (age adjusted to the year 2000 standard population).

Target setting method: Better than the best

Question used to obtain the data:

During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?

(Use the calculated variable _TOTINDA for 00:01:02, use EXERANY for 98:99)

Age-adjusted by distribution #9

Objective 22-2

*Increase the proportion of adults who engage regularly, preferably daily, in moderate physical activity for at least 30 minutes per day to **50%** (revised from 30%)*

Baseline: 32 percent of adults aged 18 years and older engaged in moderate physical activity for at least 30 minutes 5 or more days per week in 1997 (age adjusted to the year 2000 standard population). . *Baseline is revised from 15% after the November 2000 publication to include adults who met the definition for vigorous physical activity.*

Target setting method: Better than the best

Questions used to obtain the data:

How many days per week do you do these moderate activities for at least 10 minutes at a time?

On days when you do moderate activities for at least 10 minutes at a time, how much total time per day do you spend doing these activities?

(Use the calculated variable _RFPAMOD for 01:02:03:04:05 [04 recoded])

Age-adjusted by distribution #9

Objective 22-3

*Increase the proportion of adults who engage in vigorous physical activity that promotes the development and maintenance of cardiorespiratory fitness 3 or more days per week for 20 or more minutes per occasion to **30%***

Baseline: 23 percent of adults aged 18 years and older engaged in vigorous physical activity for at least 3 or more days per week for 20 or more minutes per occasion in 1997 (age adjusted to the year 2000 standard population).

Target setting method: Better than the best

Questions used to obtain the data:

How many days per week do you do these vigorous activities for at least 10 minutes at a time?

On days when you do vigorous activities for at least 10 minutes at a time, how much total time per day do you spend doing these activities?

(Use the calculated variable _RFPVIG for 01:02:03:04:05 [04 recoded])

Age-adjusted by distribution #9

- **Substance abuse**

Objective 26-11c

*Reduce the proportion of persons engaging in binge drinking of alcoholic beverages to **13.4%** (change from 6% due to new baseline)*

Baseline: 24.3 percent of adults aged 18 years and older engaged in Binge Drinking during the past month in 2002 (age adjusted to the year 2000 standard population).

Target setting method: Better than the best

Question used to obtain the data:

From 2001 to 2005:

Considering all types of alcoholic beverages, during the past 30 days, how many times did you have 5 or more drinks on the same occasion? By "occasion," we mean at the same time or within a couple of hours of each other.

In 2006:

Considering all types of alcoholic beverages, during the past 30 days, how many times did you have X (X=5 for men, X=4 for women) or more drinks on the same occasion? By "occasion," we mean at the same time or within a couple of hours of each other.

(Use the calculated variable _RFBING for 01, _RFBING2 for 02:03:04; _RFBING3 for 05; _RFBING4 for 06)

Age-adjusted by distribution #9

- **Tobacco Use**

Objective 27-1

*Reduce tobacco use by adults to **12%***

Question used to obtain the data:

Have you smoked at least 100 cigarettes in your entire life?

[If YES, then continue with the following question]

Do you now smoke cigarettes everyday, some days, or not at all?

(_SMOKER2 for 01:02:03:04, _SMOKER3 for 05:06)

Age-adjusted by distribution #9

Baseline: 24 percent of adults aged 18 years and older smoked cigarette in 1998 (age adjusted to the year 2000 standard population).

Target setting method: Better than the best

Objective 27-5

Increase smoking cessation attempts by adult smokers to 75%

Baseline: In 1998, 41 percent of adult smokers aged 18 years and older stopped smoking for 1 day or longer because they were trying to quit (age adjusted to the year 2000 standard population).

Target setting method: Better than the best

Question used to obtain the data:

During the past 12 months, have you stopped smoking for one day or longer because you were trying to quit smoking?

(STOPSMK2 for 01:02:03:04:05:06)

Age-adjusted by distribution #9

APPENDIX B

Age distribution and age-adjustment weights used in this report

(from *HEALTHY PEOPLE 2010 Statistical Notes* _ Number 2:

Age Adjustment Using the 2000 projected U.S. Population

Richard J .Klein, M.P.H., and Charlotte A. Schoenborn, M.P.H.)

Distribution #9:

Age	Population in thousands	Age Adjustment weight
<i>18 years and over.....</i>	<i>203,851</i>	<i>1.000000</i>
18-24 years	26,258	0.128810
25-34 years	37,233	0.182648
35-44 years	44,659	0.219077
45-54 years	60,991	0.299194
65 years and over	34,710	0.170271

Distribution #11:

Age	Population in thousands	Age Adjustment weight
<i>20 years and over.....</i>	<i>195,850</i>	<i>1.000000</i>
20-29 years	35,979	0.183707
30-39 years	41,691	0.212872
40-49 years	42,285	0.215905
50-59 years	30,531	0.155890
60-69 years	20,064	0.102446
70-79 years	16,141	0.082415
80 years and over	9,159	0.046765

Distribution #14:

Age	Population in thousands	Age Adjustment weight
<i>25 years and over.....</i>	<i>177,593</i>	<i>1.000000</i>
25-34 years	37,233	0.209654
35-44 years	44,659	0.251468
45-64 years	60,991	0.343431
65 years and over	34,710	0.195447

Distribution #15:

Age	Population in thousands	Age Adjustment weight
40 years and over.....	118,180	1.000000
40-49 years	42,285	0.357802
50-64 years	41,185	0.348494
65 years and over	34,710	0.293704

Distribution #17:

Age	Population in thousands	Age Adjustment weight
50 years and over.....	75,895	1.000000
50-64 years	41,185	0.542658
65 years and over	34,710	0.457342

Distribution #18:

Age	Population in thousands	Age Adjustment weight
65 years and over.....	34,710	1.000000
65-74 years	18,136	0.522501
75 years and over	16,574	0.477499

Distribution #22:

Age	Population in thousands	Age Adjustment weight
18 -64 years	169,141	1.000000
18-24 years	26,258	0.155243
25-34 years	37,233	0.220130
35-44 years	44,659	0.264034
45-64 years	60,991	0.360593

Poverty Thresholds 2006

(from www.census.gov/hhes/www/poverty/threshld.html)

Poverty Thresholds for 2006 by Size of Family and Number of Related Children Under 18 Years

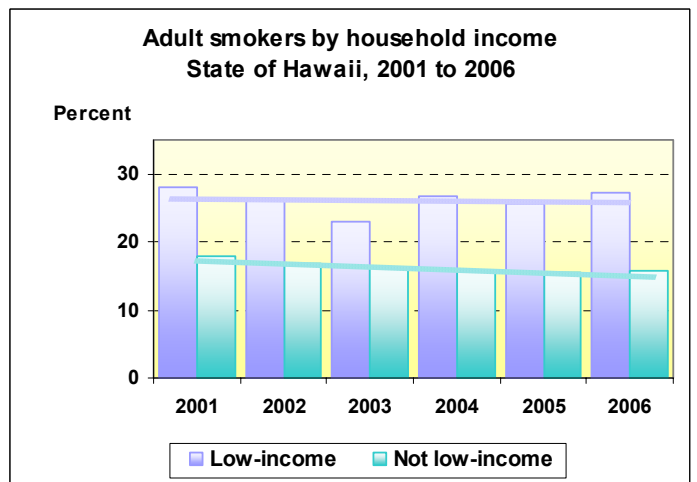
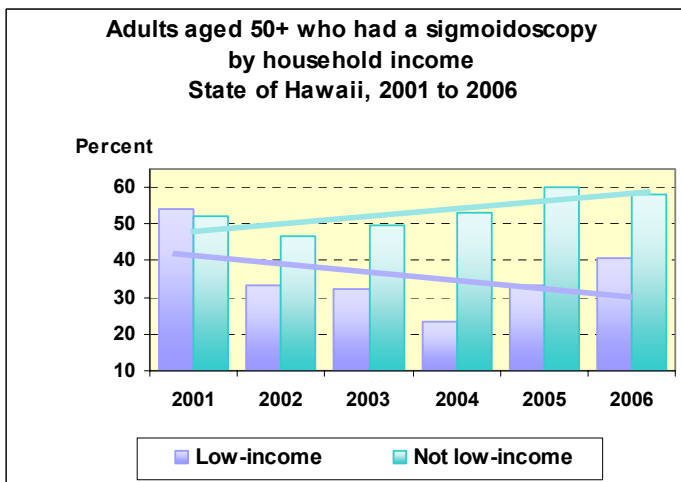
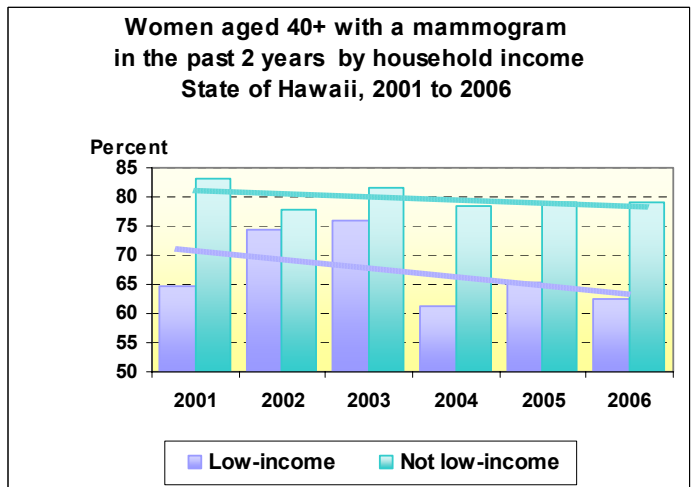
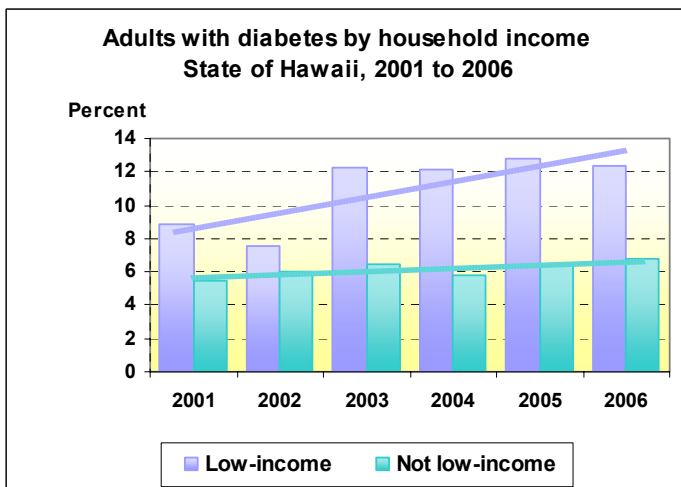
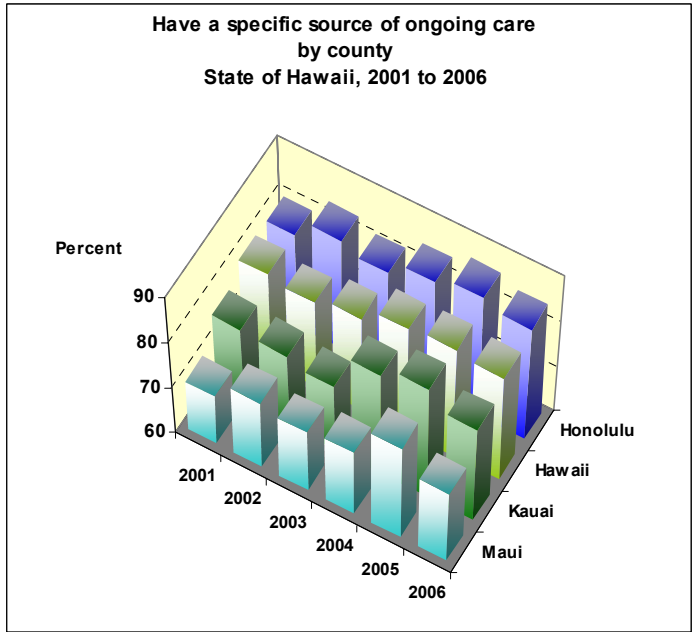
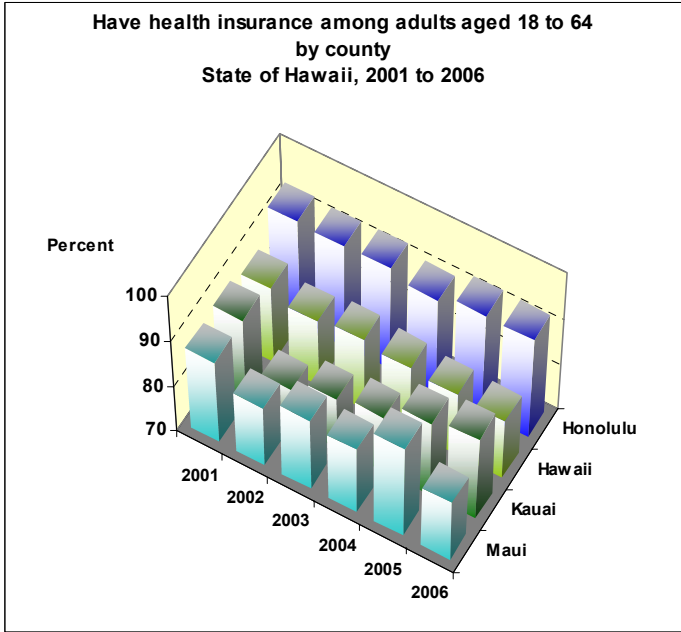
Size of family unit	Related children under 18 years								
	None	One	Two	Three	Four	Five	Six	Seven	Eight or more
One person (unrelated individual)....									
Under 65 years.....	10,488								
65 years and over.....	9,669								
Two persons.....									
Householder under 65 years.....	13,500	13,896							
Householder 65 years and over.....	12,186	13,843							
Three persons.....	15,769	16,227	16,242						
Four persons.....	20,794	21,134	20,444	20,516					
Five persons.....	25,076	25,441	24,662	24,059	23,691				
Six persons.....	28,842	28,957	28,360	27,788	26,938	26,434			
Seven persons.....	33,187	33,394	32,680	32,182	31,254	30,172	28,985		
Eight persons.....	37,117	37,444	36,770	36,180	35,342	34,278	33,171	32,890	
Nine persons or more.....	44,649	44,865	44,269	43,768	42,945	41,813	40,790	40,536	38,975

Source: U.S. Census Bureau.

REFERENCES

- 1. Healthy People 2010
Volume I (second edition)**
*U.S. Department of Health and Human Service
U.S. Government Printing Office*
- 2. Healthy People 2010
Volume II (second edition)**
*U.S. Department of Health and Human Service
U.S. Government Printing Office*
- 3. Tracking Healthy People 2010**
*U.S. Department of Health and Human Service
U.S. Government Printing Office*
- 4. CDC: HEALTHY PEOPLE 2010 Statistical Notes (number 20, January 2001)**
Age Adjustment Using the 2000 Projected U.S. Population
Richard J. Klein, M.P.H., and Charlotte A. Schoenborn, M.P.H.

A few highlights ...



**Recent Tracking of Hawaii's Progress
Toward Healthy People 2010
Derived from HBRFSS 2001-2006**

This publication is available on the World Wide Web at the Hawaii Behavioral Risk Factor Surveillance System site
<http://www.hawaii.gov/health/statistics/brfss/index.html>.

This publication was supported by Grant/Cooperative Agreement Number U58/CCU922810-04 and U58/CCU922810-05 from CDC. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of CDC.

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Behavioral Risk Factor Surveillance System Program
Hawaii State Department of Health
1250 Punchbowl Street, Room 262, Honolulu, HI 96813



Chiyome Leinaala Fukino, M.D.
Director of Health



Linda Lingle
Governor of Hawaii