



FY 2011 ANNUAL REPORT

Division of Environmental Health

Department of Public Health & Social Services



Seated, from left: Thomas Santos, Dolores Diaz, M. Thomas Nadeau, Teresita Muna, Monica Devera.
Second row, standing, from left: Francis Epres, Rosanna Rabago, Marilou Bumagat, Jeannie Dizon, Katherine Del Mundo, Danilo Barrido, Katherine Duenas, Remy Suva, Ronald Carandang, Cynthia Naval.
Third row, standing, from left: Teresa Gutierrez, Bienvinido Portin, Melvin Cruz, Evan Lum.



Deborah Mafnas and Derien Mitchell



†James Quichocho†



Terry Barcinas

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I. MISSION STATEMENT

The mission of the Division of Environmental Health of the Department of Public Health and Social Services is to serve and protect the people of Guam from environmental hazards through education and the implementation of governing laws designed to prevent injuries, disabilities, diseases, and deaths.

VISION STATEMENT

The people of Guam are not adversely impacted by their environment through the effective operation of DEH programs resulting in a healthier and more knowledgeable population.

Top 8 Division Goals: The top eight goals of the Division of Environmental Health were selected through a rating and voting process at the second strategic planning meeting in September 2007 and by the decision of the Division Administrator in 2011. These goals, ranked in no particular order, are:

- Division Goal #1. Increase staff numbers.
- Division Goal #2. Update rules and regulations of the Division that require revision to meet the needs of current situation, and develop new rules and regulations for programs that do not have any rules and regulations.
- Division Goal #3. Develop written standard operating procedures for the Division's many programs and functions.
- Division Goal #4. Upgrade and procure equipment, vehicles, and supplies to take advantage of technological advances.
- Division Goal #5. Ensure the completion of DEH renovation activities, to include the installation of additional cubicles.
- Division Goal #6. Increase the job standards of the technical positions within the Division of Environmental Health to achieve greater productivity and improved work through the implementation of P.L. 30-138.
- Division Goal #7. Expand the Mosquito Surveillance and Control Program to include the creation of a mosquito laboratory.
- Division Goal #8. Develop a comprehensive food safety system for Guam as required in E.O. 2000-20.

II. FY 2011 SUMMARY OF HIGHLIGHTS

Below are significant highlights of the Division of Environmental Health (DEH) in Fiscal Year 2011.

- There was a net decrease in personnel this fiscal year in DEH. Administrative Officer Remy Suva was recruited in November 2010, and Environmental Health Specialist (EHS) I Katherine Del Mundo joined the Division in January of 2011. Unfortunately, Program Coordinator IV Margaret Bell transferred to the Division of Public Health in February 2011, and EHS I Anthony Ritter resigned in April of 2011, to accompany his wife to the U.S. Mainland. The most tragic loss of all occurred in April of 2011, when EHS II James Quichocho passed away. Three other staff of the Division were out of the office on extended leave: Customer Service Representative Deborah Mafnas beginning in May, Customer Service Representative Supervisor Monica Devera beginning in July, and Administrator M. Thomas Nadeau in August. Mr. Nadeau returned to work in late September, but the other two staff continued on leave into the new fiscal year. EHS II Derien Mitchell was deployed in September of 2011; this military deployment will last a year. As a result, DEH continues to be understaffed, with only 22 filled positions at the end of the fiscal year, and only 19 able-bodied and present employees.
- A total of 116 commodity detentions by Guam Customs and Quarantine Agency were acted upon by the Bureau of Professional Support Services' Consumer Commodities Program staff. The number of detentions was comprised of the following: 52 food detainments, 32 (62%) of which were bottled water; 32 drugs; 21 cosmetics; five medical devices; and six hazardous substances. A total of 617,485 pieces of consumer articles were detained this fiscal year. A breakdown by type and amount follows: Food (564,269), Drug (25,921), Cosmetic (18,572), Medical Device (3,125), and Hazardous Substance (5,598). Detained commodities originated from South Korea, United States, Philippines, Taiwan, Japan, Thailand, China, Vietnam, Hong Kong, France, New Zealand, Palau, Rota, and Saipan.
- There were 16 administrative hearings held this fiscal year. In five of the cases, the consignee did not contest the allegations of unlawful labeling and requested permission to export the products back to the manufacturer or distributor; these requests were granted by the Hearing Officer. In a sixth case, the consignee requested that the detained items be released since they were going to be used for her food manufacturing business. This request was granted by the Hearing Officer and the items released with the understanding that no future non-compliant commodities be imported. In eight cases, the consignee requested and was given authority to relabel the commodities, which were subsequently released. A ninth case that was granted a request to relabel was unsuccessful in numerous efforts to comply with labeling mandates, resulting in the refusal of the commodities. The final case is still pending feedback from the Hearing Officer.
- In response to 145 recalls, a total of 426 inspections were conducted, 4,558 faxes and 330 emails were sent, and seven press releases were issued. The recalls were initiated by the U.S. Food and Drug Administration (USFDA), U.S. Department of Agriculture, U.S. Consumer Product Safety Commission, Food Safety for Australia and New Zealand, and the Taiwan Department of Health. The press releases were issued for two food and five consumer products that were found on Guam.

- Three separate shipments of produce were sent to the USFDA Irvine Laboratory for residual pesticide analysis testing. The samples were sent in the third and fourth quarters of this fiscal year. The first batch of samples was obtained on 4/8/11 and 4/12/11, and consisted of three pounds of six different types of local and one imported vegetables. Of those sent, one local vegetable was found to have residual traces of an unapproved pesticide. The results were received five months after the samples were sent; as a result of this, no press release was issued, but the Guam Environmental Protection Agency's Pesticide Program was informed so that a follow-up inspection of the alleged violator's farm could be conducted. The second batch of samples was obtained on 8/15/11, and shipped on 8/31/11. This shipment consisted of three pounds of six different types of local and imported vegetables. The final batch of samples was obtained on 9/23/11 and sent on 9/29/11, and was made up of three pounds of seven types of local produce. No results have been received for the second and third shipments.
- The Bureau of Inspection and Enforcement (BIE) conducted a total of 951 sanitation inspections of 511 different regulated facilities. This was a 6% increase in the number of inspections from FY 2010. Of the 951 inspections conducted, 198 were of childcare facilities (21%), 178 were of restaurants (19%), 95 were retail food establishments (10%), 40 were of public swimming pools (4%), and 17 were of beauty salons (2%)
- The DEH Engineer assigned to One-Stop Center, with the assistance of Environmental Health Specialist III M. Bumagat, conducted 562 pre-operation inspections, cleared 517 Business License applications, reviewed 443 plans, and provided 1,098 consultations during the fiscal year, as well as answering 904 telephone inquiries.
- The Processing Center Section (PCS) issued the following number of permits, certificates, and registrations, along with the respective revenue in parentheses: 3,060 Sanitary Permits (\$428,350); 31,444 Health Certificates (\$250,306); 8 Vessel Inspection Certificates (prior to the discontinuance of this program) (\$400); and 298 Guam Controlled Substances Registration Certificates (\$33,430). PCS also approved 10 Disinterment and Disinterment-Reinterment requests in FY 2011.
- Fifteen establishments were fined a total of \$5,200 for allowing their employees to work without valid Health Certificates. All establishments had paid their respective penalty fees by the end of the fiscal year.
- On Friday March 11, 2011, an earthquake registering 8.9 on the Richter scale hit Japan, followed by a tsunami that subsequently damaged the Fukushima nuclear reactors, which began emitting steam with radioactive particles. Although the tsunami did not affect Guam, imports of merchandise from Japan were affected. DEH participated in the monitoring of radiological contaminants on consumer commodities, and was involved in twice-a-week calls with the USFDA for the months of March and April. DEH also received equipment for radiation monitoring and training in its use from the USFDA during the fiscal year.
- The most significant food-borne illness outbreak that was investigated in Fiscal Year 2011 occurred in 5 Guam Department of Education schools that sickened 370 students and faculty. The investigation started in May 2011 and concluded 6 weeks later. DEH

staff reviewed over 500 questionnaires, collected several food samples and clinical specimens, conducted sanitation inspections, developed a hypothesis, and tested it using statistical analyses of epidemiological data collected during the course of the investigation. The pathogen was identified as being *Staphylococcus aureus*, and its toxin, Enterotoxin D.



Photo 1. Governor Eddie Calvo signs the proclamation designating September 2011 as the 6th Annual Guam Food Safety Education Month. (Source: C. Naval, 8/29/2011)

DEH held its 6th Annual Guam Food Safety Education Month (GFSEM) in September 2011. A poster contest based on the theme “Cook and Chill to Prevent Being Ill” was held and participated in by 1,519 students from the island’s public and private elementary schools. The celebration began with the Governor’s proclamation signing on August 29, 2011 followed by a public awareness and education campaign that included daily food safety tips and quizzes on three

radio stations. Food Safety trainings on the 2005 Model Food Code were held on September 8, 9, 13, 14, 19 and 20. The GFSEM concluded with a public fair at the Micronesia Mall Center Court where static displays on food safety and all the poster entries were displayed, and the winners awarded on September 24, 2011.

- Sixteen referrals of Hand, Foot and Mouth Disease cases were received by the Childcare Program for investigation this fiscal year. One case was confirmed to have been in a child care center while the rest occurred in private home setting or could not be determined.
- Three imported cases of dengue fever were reported in the fiscal year, and the residences inspected by DEH. Staff passed out 650 pamphlets on dengue prevention and mosquito control to residences surrounding those of the affected persons. This was especially timely because of epidemics of dengue fever occurring during the year in Yap and the Marshall Islands.
- Updated rules and regulations for Sanitary Permits, including a fee increase, were passed on May 2, 2011, and signed into law as Public Law 31- 41 on May 16, 2011. Changes to the rules and regulations for Controlled Substances Registrations took effect on May 16, 2011; these changes were made pursuant to the Administrative Adjudication Law. Also in May of 2011, Public Law 31-70 was signed into law by Governor Calvo. This law established the rules and regulations of DPHSS relative to child care facilities and group child care homes.
- The Guam Food Code was introduced as legislation in September 2011, in the form of Bill 307-31, “An act to establish the Administrative Rules and Regulations of the

Department of Public Health & Social Services relative to the Guam Food Code, under a new Article 4A- Guam Food Code, of Chapter 4- Public Health and Sanitation, Division 1, Title 26, Guam Administrative Rules and Regulations, as provided pursuant to a new §23101.1 added to Chapter 23, Part 1, Division 2, Title 10, Guam Code Annotated.” The ultimate goal of the new Food Code is the reduction of risk of food-borne illness.

- The awarding of the \$3 million capital improvement project from the grant of the U.S. Department of Interior was formalized on July 26, 2011. The capital improvement project grant is for the construction of office space for the Division and the establishment of the mosquito laboratory. The expansion of the office space will allow for the accommodation of all division’s resources and allow for the physical growth of the division. The mosquito lab will provide the physical space needed by the division to conduct active surveillance of mosquitoes to identify potential vectors that can transmit diseases.
- The FY 2011 Plan of Action was based on the Division’s 5-year Strategic Plan.

III. RESOURCES

The Division of Environmental Health (DEH) received a total budget of \$1,527,124.95 to fund personnel and the operation of the Division in Fiscal Year 2011 (**Table 1**). This was not inclusive of the non-appropriated fund of the Controlled Substances Diversion Fund, which was not established during the fiscal year, or of the federal grant funds of the Guam Prescription Drug Monitoring Program, which totaled \$232,976.86. Of the total appropriated fund:

- \$606,942 originated from the General Fund through Legislative appropriation for FY 2011.
- \$728,991 was from the Environmental Health Fund (EH Fund) through Legislative appropriation for FY 2011.
- \$131,440.34 was the unexpended balance of the FY 2010 EHF to be appropriated to the Division for FY 2011.
- \$58,751.61 was the unexpended balance of the FY 2008 EHF to be appropriated to the Division for FY 2011.
- \$1,000 derived from the FY 2005 lapse carry-over of the EH Fund.

There was a net decrease in personnel this fiscal year in DEH. Administrative Officer Remy Suva was recruited in November 2010, and Environmental Health Specialist (EHS) I Katherine Del Mundo joined the Division in January of 2011. Unfortunately, Program Coordinator IV Margaret Bell transferred to the Division of Public Health in February 2011, and EHS I Anthony Ritter resigned in April of 2011, to accompany his wife to the U.S. Mainland. The most tragic loss of all occurred in April of 2011, when EHS II James Quichocho passed away. Three other staff of the Division were out of the office on extended leave: Customer Service Representative Deborah Mafnas beginning in May, Customer Service Representative Supervisor Monica Devera beginning in July, and Administrator M. Thomas Nadeau in August. Mr. Nadeau returned to work in late September, but the other two staff continued on leave into the new fiscal year. EHS II Derien Mitchell was deployed in September of 2011; this military deployment will last a year.

By the end of the fiscal year, there were 22 staff, including two from the Division of Welfare's Child Care Development Fund Grant, to implement over 20 legislative mandates and executive orders. Only 19 of these staff were present and able-bodied. Of the 45 field positions in the Division's staffing pattern, only 14 (31%) were funded in FY 2011, and 11 (24%) filled. This was short of the number needed to fully execute the numerous programs and operations of DEH. As a result, the Division prioritized its operation based on greatest public health threat, public need and demand, and available personnel. The staffing pattern for DEH is presented in **Table 2**.

DIVISION OF ENVIRONMENTAL HEALTH FUNDING				
GENERAL FUND (FY 2011 Appropriation)				
O.C.	PERSONNEL SERVICES	Appropriation	Expenditures	Lapse
111	<i>Regular Salaries/Increments</i>	\$432,887.00	\$411,247.84	\$21,639.16
112	<i>Overtime/Special Pay</i>	\$0.00	\$0.00	\$0.00
113	<i>Benefits</i>	\$130,414.00	\$111,660.86	\$18,753.14
	Total Personnel Services	\$563,301.00	\$522,908.70	\$40,392.30
O.C.	OPERATIONS	Appropriation	Expenditures	Lapse
220	<i>Travel- Off-Island/Local Mileage Reimbursement</i>	\$0.00	\$0.00	\$0.00
230	<i>Contractual Services</i>	\$40,825.00	\$37,155.39	\$3,669.61
233	<i>Office Space Rental</i>	\$0.00	\$0.00	\$0.00
240	<i>Supplies & Materials</i>	\$2,816.00	\$2,128.33	\$687.67
250	<i>Equipment</i>	\$0.00	\$0.00	\$0.00
280	<i>Sub-recipient/Subgrant</i>	\$0.00	\$0.00	\$0.00
271	<i>Miscellaneous</i>	\$0.00	\$0.00	\$0.00
	Total Operations	\$43,641.00	\$39,283.72	\$4,357.28
	SUBTOTAL	\$606,942.00	\$562,192.42	\$44,749.58
ENVIRONMENTAL HEALTH FUND (FY 2011 Appropriation)				
O.C.	PERSONNEL SERVICES	Appropriation	Expenditures	Lapse
111	<i>Regular Salaries/Increments</i>	\$368,332.00	\$355,480.54	\$12,851.46
112	<i>Overtime/Special Pay</i>	\$0.00	\$0.00	\$0.00
113	<i>Benefits</i>	\$122,952.00	\$100,190.51	\$22,761.49
	Total Personnel Services	\$491,284.00	\$455,671.05	\$35,612.95
O.C.	OPERATIONS	Appropriation	Expenditures	Lapse
220	<i>Travel- Off-Island/Local Mileage Reimbursement</i>	\$12,750.00	\$895.00	\$11,855.00
230	<i>Contractual Services</i>	\$189,131.00	\$100,993.68	\$88,137.32
233	<i>Office Space Rental</i>	\$0.00	\$0.00	\$0.00
240	<i>Supplies & Materials</i>	\$6,826.00	\$6,598.50	\$227.50
250	<i>Equipment</i>	\$29,000.00	\$26,172.68	\$2,827.32
	Total Operations	\$237,707.00	\$134,659.86	\$103,047.14
	SUBTOTAL	\$728,991.00	\$590,330.91	\$138,660.09
ENVIRONMENTAL HEALTH FUND (FY '08 Appropriation Carryover)				
O.C.	PERSONNEL SERVICES	Appropriation	Expenditures	Lapse
111	<i>Regular Salaries/Increments</i>	\$6,367.44	\$0.00	\$6,367.44
112	<i>Overtime/Special Pay</i>	\$0.00	\$0.00	\$0.00
113	<i>Benefits</i>	\$19,380.94	\$0.00	\$19,380.94
	Total Personnel Services	\$25,748.38	\$0.00	\$25,748.38
O.C.	OPERATIONS	Appropriation	Expenditures	Lapse
220	<i>Travel- Off-Island/Local Mileage Reimbursement</i>	\$3,723.86	\$3,393.50	\$330.36
230	<i>Contractual Services</i>	\$23,891.39	\$10,689.98	\$13,201.41
233	<i>Office Space Rental</i>	\$0.00	\$0.00	\$0.00
240	<i>Supplies & Materials</i>	\$5,237.98	\$4,620.60	\$617.38
250	<i>Equipment</i>	\$0.00	\$0.00	\$0.00
271	<i>Drug Testing</i>	\$150.00	\$75.00	\$75.00
	Total Operations	\$33,003.23	\$18,779.08	\$14,224.15
	SUBTOTAL	\$58,751.61	\$18,779.08	\$39,972.53

Table 1. Fiscal Year 2011 appropriations to the Division of Environmental Health (Continued on next page).

ENVIRONMENTAL HEALTH FUND (FY '10 Appropriation Carryover)				
O.C.	PERSONNEL SERVICES	Appropriation	Expenditures	Lapse
111	<i>Regular Salaries/Increments</i>	\$50,528.22	\$0.00	\$50,528.22
112	<i>Overtime/Special Pay</i>	\$0.00	\$0.00	\$0.00
113	<i>Benefits</i>	\$49,528.61	\$0.00	\$49,528.61
	Total Personnel Services	\$100,056.83	\$0.00	\$100,056.83
O.C.	OPERATIONS	Appropriation	Expenditures	Lapse
230	<i>Contractual Services</i>	\$19,209.31	\$0.00	\$19,209.31
240	<i>Supplies & Materials</i>	\$5,291.20	\$0.00	\$5,291.20
250	<i>Equipment</i>	\$6,883.00	\$0.00	\$6,883.00
	Total Operations	\$31,383.51	\$0.00	\$31,383.51
	SUBTOTAL	\$131,440.34	\$0.00	\$131,440.34
ENVIRONMENTAL HEALTH FUND (FY '05 Appropriation Carryover)				
O.C.	PERSONNEL SERVICES	Appropriation	Expenditures	Lapse
111	<i>Regular Salaries/Increments</i>	\$0.00	\$0.00	\$0.00
112	<i>Overtime/Special Pay</i>	\$0.00	\$0.00	\$0.00
113	<i>Benefits</i>	\$0.00	\$0.00	\$0.00
	Total Personnel Services	\$0.00	\$0.00	\$0.00
O.C.	OPERATIONS	Appropriation	Expenditures	Lapse
220	<i>Travel- Off-Island/Local Mileage Reimbursement</i>	\$1,000.00	\$0.00	\$1,000.00
230	<i>Contractual Services</i>	\$0.00	\$0.00	\$0.00
233	<i>Office Space Rental</i>	\$0.00	\$0.00	\$0.00
240	<i>Supplies & Materials</i>	\$0.00	\$0.00	\$0.00
	Total Operations	\$1,000.00	\$0.00	\$1,000.00
	SUBTOTAL	\$1,000.00	\$0.00	\$1,000.00
	GRAND TOTAL	\$1,527,124.95	\$1,171,302.41	\$355,822.54

Table 1. Fiscal Year 2011 appropriations to the Division of Environmental Health.

DIVISION OF ENVIRONMENTAL HEALTH STAFFING PATTERN			
General Fund (5100A111740CE001)			
No.	Position Number	Position Title	Name of Incumbent
1	6340	EH Specialist III	Marilou O. Bumagat
2	6344	EH Specialist III	Thomas D. Santos
3	6354	EH Specialist I	Katherine B. Duenas
4	6314	PH Inspector I	Tomas S.N. Aguon
5	6352	Engineer I	Jeannie M. Dizon
6	6322	Engineer I	Vacant/NDimalanta (Funded)
7	6518	Planner IV	Cynthia L. Naval
8	6228	Management Analyst III	Danilo L. Barrido
9	6348	Word Processing Secretary II	Terry T. Barcinas
10	6357	Customer Service Representative	Teresita S. Muna
11	6461	Customer Service Supervisor	Monica N. Devera

Table 2. Staffing pattern of the Division of Environmental Health at the end of FY 2011 (Continued on next page).

12	6305	EH Specialist I	Vacant (12/1/05)/R.Contreras
13	6306	EH Specialist I	Vacant (9/1/06)/S.Cepeda
14	6300	EH Specialist I	Vacant (9/8/06)/B.Barinas
15	6337	EH Specialist I	Vacant (3/11/02)/R.Carandang
16	6345	EH Specialist I	Vacant (6/30/00)/E.Okiyama
17	6328	EH Specialist II	Vacant (7/8/02)/C.Holloway
18	6313	EH Specialist I	Vacant (11/15/02)/M.Tablante
19	6299	EH Specialist II	Vacant (9/29/04)/ J.Quichocho
20	6342	EH Specialist III	Vacant (4/20/01)/C.Navarro
21	6361	EH Specialist I	Vacant (1/11/02)/G.Borja
22	6315	EH Specialist I	Vacant (3/14/02)/G.Mendiola
23	6301	EH Specialist I	Vacant (3/14/02)/V.Santos
24	6327	EH Specialist III	Vacant (3/14/02)/D.SanAgustin
25	6317	EH Specialist I	Vacant/Never Filled
26	6318	EH Specialist I	Vacant/Never Filled
27	6338	EH Specialist Supervisor	Vacant/Never Filled
28	6999	EH Specialist I	Vacant/New
29	7000	EH Specialist I	Vacant/New
30	7001	EH Specialist I	Vacant/New
31	7002	EH Specialist I	Vacant/New
32	7003	EH Specialist II	Vacant/New
33	7004	EH Specialist II	Vacant/New
34	7005	EH Specialist II	Vacant/New
35	7006	EH Specialist II	Vacant/New
36	7008	EH Specialist III	Vacant/New
37	7009	EH Specialist III	Vacant/New
38	7010	EH Specialist III	Vacant/New
39	7011	EH Specialist III	Vacant/New
40	7012	EH Specialist III	Vacant/New
41	7013	EH Specialist III	Vacant/New
Environmental Health Fund (5600A111740CE201)			
No.	Position Number	Position Title	Name of Incumbent
1	6335	EH Specialist Administrator	M. Thomas Nadeau
2	6091	EH Specialist Supervisor	Ronald B. Carandang
3	6182	EH Specialist I	Teresa L. Gutierrez
4	6042	Administrative Officer	Remy M. Suva
5	6094	Customer Services Representative	Dolores S. Diaz
6	6464	Customer Services Representative	Deborah L. Mafnas
7	6093	EH Specialist II	Derien K. Mitchell
8	6188	EH Specialist I	Katherine U. Del Mundo
9	6226	EH Specialist I	Vacant (A. Ritter; 05/2011; Funded)
10	6290	EH Specialist I	Evan A. Lum
11	6165	Health Educator III	Francis V. Epres
12	6092	EH Specialist III	Vacant GG-1 #08-054
13	6164	Health Educator III	Vacant / Never Filled
14	6090	EH Specialist Supervisor	Vacant (R. Rabago; 5/23/05)

Table 2. Staffing pattern of the Division of Environmental Health at the end of FY 2011 (Continued on next page).

Prescription Drug Monitoring Program (5101H101740CE101)			
1	6578	Program Coordinator I	Melvin D. Cruz
Child Care Development Fund (5101H121732EI107)			
1	6316	EH Specialist Supervisor	Rosanna Y. Rabago
2	6321	PH Inspector II	Bienvinido N. Portin

Table 2. Staffing pattern of the Division of Environmental Health at the end of FY 2011.

PERSONNEL

Out of \$1,054,585 appropriated for this purpose, the Division expended a total of \$978,579.75 to fund personnel for this fiscal year. This amount originated from the following: \$522,908.70 (FY 2011 General Fund appropriation) and \$455,671.05 (FY 2011 Environmental Health Fund appropriation). Recruitment for an EHS I and an Administrative Officer saw two staff joining DEH during the fiscal year.

CONTRACTUAL

The Division was budgeted a total of \$273,056.70 for contractual services in Fiscal Year 2011. The General Fund had \$40,825 budgeted for contractual services; \$37,155.39 of this was expended for vehicle and fax machine maintenance, courier services, venue rental for two Guam Food Safety Task Force quarterly meetings, radio services, National Environmental Health Association (NEHA) membership, and several promotional items for Guam Food Safety Education Month. The Environmental Health Fund FY 2011 budget for contractual services was \$189,131, of which \$100,993.68 was expended. These contractual services included the cost of leased vehicles, photocopier leases, printing services, document shredding services, publication of notices, hotel venues for the Guam Food Safety Task Force quarterly meeting, DEH staff development meeting, and Guam Food Code training, as well as promotional items for Guam Food Safety Education Month.

The Environmental Health Fund FY 2008 Carryover Fund was also utilized during the fiscal year. There was \$23,891.39 available for use, \$10,689.98 of which was expended. The money was spent for GFSEM poster contest promotional items and photocopier maintenance.

A total of \$148,839.05 was expended in FY 2011 for contractual services from appropriated funds, and an additional \$5,099.40 from non-appropriated sources, for a grand total of \$153,938.45 expended.

SUPPLIES AND MATERIALS

Monies (\$20,171.18) allocated in supplies and materials were used for the purchase of basic office supplies, fuel for vehicles, and dry ice for produce specimens sent for testing.

EQUIPMENT

There was \$29,000 appropriated for equipment in the FY 2011 EHF, and an additional \$6,883 available in the FY 2010 EHF Carryover. Of this, \$26,172.68 was expended, all from the FY 2011 EHF appropriation. The money was used to purchase necessary equipment for the division, including new computers and inspection equipment.

TRAVEL

The amount of \$12,750 was appropriated to DEH for travel in the FY 2011 EHF so to enable DEH personnel to attend and participate in various off-island training, workshops, and

conferences. An additional \$3,723.86 was available from the FY 2008 Carryover. \$4,288.50 was expended, leaving lapsed funds of \$12,185.36 between the two accounts. Staff from the Prescription Drug Monitoring Program utilized grant funds to attend meetings of the Alliance of Prescription Drug Monitoring Programs on Practitioner Education, and the 7th National Harold Rogers Prescription Drug Monitoring Program Meeting.

IV. ACCOMPLISHMENTS

PROCESSING CENTER

The Processing Center Section (PCS) of the Division of Environmental Health issued 3,060 Sanitary Permits; 31,444 Health Certificates; 8 Vessel Inspection Certificates; 298 Guam Controlled Substances Registration Certificates; and 10 Disinterment and Disinterment-Reinterment approvals in FY 2011.

In Fiscal Year 2011, the Processing Center continued its use of the Public Health Professional (PH/Pro) DEH system developed by Data Management Resources, LLC (DMR). This was the fifth year that Sanitary Permit renewals were done on the system, and the fourth year the Controlled Substances Registration Certificate applications were inputted. Several changes were made to the Controlled Substances Registration and Sanitary Permit programming, to accommodate increases in fees that became effective May 16, and May 30, 2011, respectively.

The Processing Center Section was not able to accomplish many of its strategic plan targets during Fiscal Year 2011 due to the loss of half of its workforce to unexpected, lengthy absences.

Sanitary Permit

The Division of Environmental Health issued 3,060 Sanitary Permits (inclusive of temporary permits) in FY 2011, which equated to \$428,350.40 in generated revenue (**Table 3, Figure 1**). There were 140 fewer permits issued this year than in FY 2010, and \$20,620.78 (4.6%) less in revenue generated. The reduction in the number of permits issued is the reason for the lower revenues in FY 2011.

SANITARY PERMIT ISSUANCE		
Category	*Number of Issuances	Revenue
Cosmetics Establishment	231	\$31,227.08
Eating and Drinking Establishment	1,427	\$183,197.08
Food Establishment	921	\$129,512.91
Hotel/Motel	161	\$27,130.00
Institutional Facility	161	\$34,978.33
Laundry and Dry Cleaning Establishment	68	\$9,683.75
Solid Waste	2	\$225.00
Public Swimming Pool	89	\$12,396.25
TOTAL	3,060	\$428,350.40

*Includes new, renewal, temporary, and duplicate.

Table 3. Sanitary Permits issued by the Division of Environmental Health in Fiscal Year 2011.

Results of FY 2011 Plan of Action

- Processed all applications for the issuance of Sanitary Permit.

Health Certificate

A total of 31,444 Health Certificates were processed and issued by the Division in FY 2011, the majority of which were for renewals (46%)(**Table 4**). This was 1,565 fewer health certificates (4.8%) than were issued in Fiscal Year 2010. As a result, \$250,306 was generated in revenue; this amount was \$8,127 more than that collected in Fiscal Year 2010. While the number of persons applying for Health Certificates for the first time was lower, as reflected in smaller numbers of “New” and “Interim” certificates issued, the number of persons continuing employment in a health-regulated establishment grew by 4.1% between FY 2010 and FY 2011, which contributed to the higher amount of revenue earned in FY 2011.

Results of FY 2011 Plan of Action

- Processed all applications for the issuance of Health Certificates.
- Photo Identification Health Certificate System was not purchased by DEH due to budget reductions.

HEALTH CERTIFICATE ISSUANCE		
Type	Number of Issuances	Revenue
New	1,386	\$13,980
¹ Renewal	14,364	\$145,110
² Food	14,522	\$87,099
<i>Interim</i>	8,933	
<i>Passed Workshop Exam</i>	4,425	
<i>Failed Workshop Exam</i>	955	
<i>Written Agreement</i>	209	
Amendment	14	\$70
² Temporary	530	\$2,665
New Manager's Certification	11	\$120
Re-issuance	617	\$1,262
TOTAL	31,444	\$250,306

¹Includes certificates for all categories. ²Only for Eating & Drinking Establishments and Food Establishments.

Table 4. Health Certificates issued by the Division of Environmental in Fiscal Year 2011.

DISTRIBUTION OF SANITARY PERMITS ISSUED

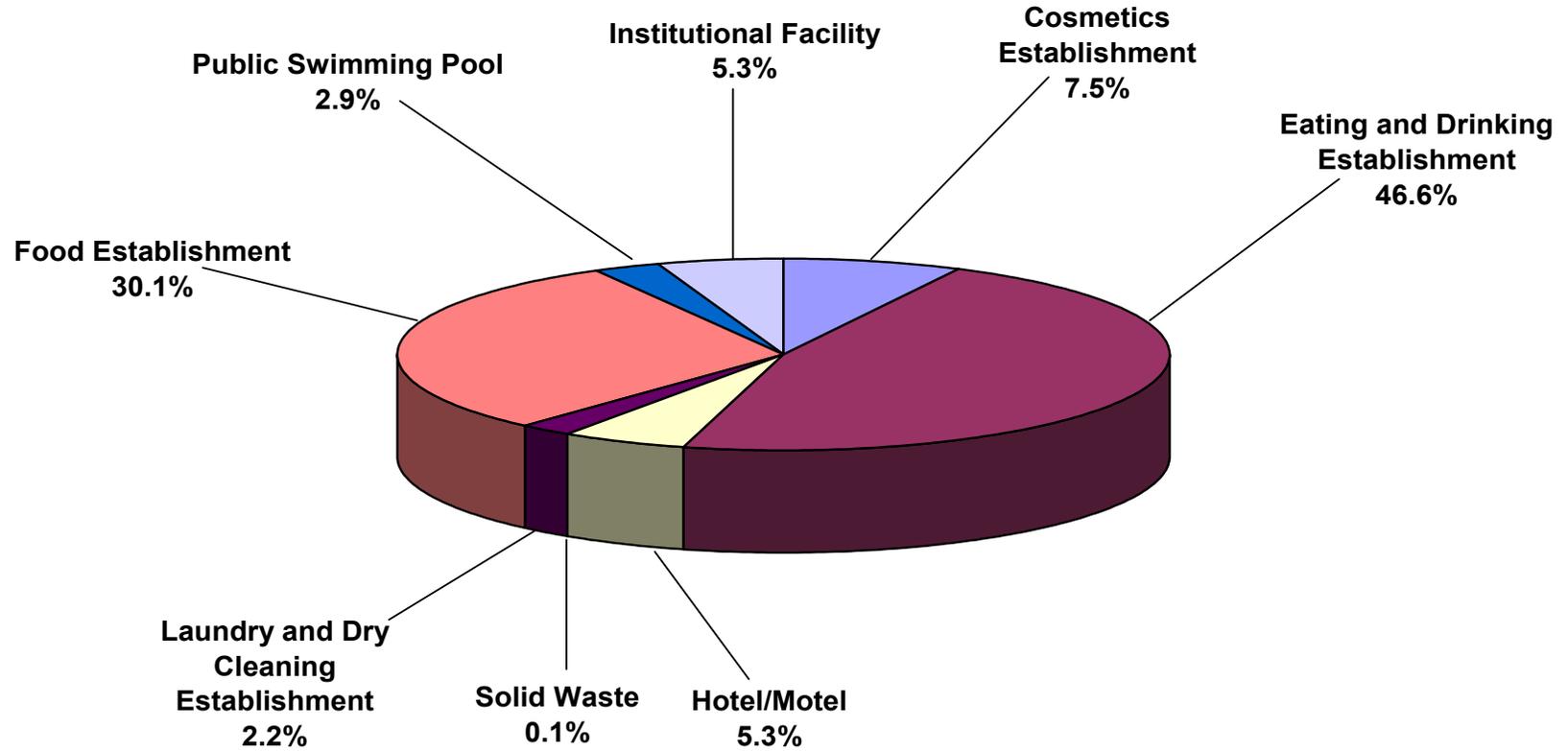


Figure 1. Distribution (%) by Category of Sanitary Permits Issued by the Division of Environmental Health in Fiscal Year 2011.

Vessel Deratting Certificate

Only eight sea vessels were inspected in FY 2011, which resulted in the issuance of 8 certificates, 115 fewer than had been issued in Fiscal Year 2010. The vessel inspection program was halted in October 2010. This was the result of a policy change after the adoption of the 2005 International Health Regulations by the World Health Organization, when it was learned that the Division did not have the authority to issue Deratting or Deratting Exemption certificates on behalf of the U.S. Centers for Disease Control and Prevention. Revenues collected for these certificates decreased by \$5,750 (93%) from FY 2010 (**Table 5**). Similar to Sanitary Permits, all revenues generated from the issuance of vessel inspection certificates were retained by DEH and deposited into the Environmental Health Fund. The Division will no longer be including the report of Vessel Deratting Certificate in all future Annual Reports. The loss of approximately \$10,000 per year from this revenue source will adversely impact the operation of the mosquito lab, which the Division was relying on to help fund its maintenance.

Results of FY 2011 Plan of Action

- All certificates were typed and prepared for issuance upon completion of inspections.

DERATTING CERTIFICATE ISSUANCE		
Category	Number of Issuances	Revenue
Surface vessels	8	\$400
TOTAL	8	\$400

Table 5. Deratting Certificates issued by the Division of Environmental Health in Fiscal Year 2011.

Controlled Substances Registration Certificate

Two hundred ninety-eight Guam Controlled Substances Registration (CSR) Certificates were issued in FY 2011 (**Table 6**), 11 fewer than the amount that was issued in Fiscal Year 2010. Revenues collected this fiscal year were \$830 more than those collected in Fiscal Year 2010, mostly due to an increase in fee amounts that was effective May 16, 2011. In FY 2011, over 62% of the registrations were issued to medical doctors (MD), followed by dentists (DDS and DMD) at 14% of total registrants. Pharmacies made up 8% of all registrants.

CONTROLLED SUBSTANCES REGISTRATION ISSUANCE							
CATEGORY	NUMBER OF CSR ISSUED					NUMBER OF CSR ISSUED PER CATEGORY	REVENUE
	NEW	RENEWAL	EXEMPTION	AMENDMENT /Temporary	Re-Issuance		
Advanced Practice Nurse and Nurse Practitioner	1	1	0	0	1	3	\$290
Doctor of Medicine (MD)	38	143	0	4	1	186	\$20,980
Doctor of Dental Science (DDS)	4	29	0	0	0	33	\$3,770
Doctor of Dental Medicine (DMD)	0	9	0	0	0	9	\$1,020

Table 6. Controlled Substances Registrations issued by the Division of Environmental Health in Fiscal Year 2011 (Continued on next page).

Doctor of Dental Medicine (DMD)	0	9	0	0	0	9	\$1,020
Doctor of Osteopathic Medicine (DO)	3	5	0	1	0	9	\$1,040
Doctor of Veterinary Medicine (DVM)	0	8	0	1	0	9	\$870
Doctor of Podiatric Medicine (DPM)	0	5	0	0	0	5	\$430
Master Dental Surgery (MDS)	0	1	0	0	0	1	\$130
Physician's Assistant (PA)	1	4	0	0	1	6	\$530
Animal Shelter	0	1	0	0	0	1	\$130
Hospital	0	2	0	0	0	2	\$200
Clinic	0	2	0	0	0	2	\$200
Researcher	3	1	0	0	0	4	\$340
Pharmacy	2	20	0	0	0	22	\$2,820
Wholesale	0	4	0	1	1	6	\$680
TOTAL	52	235	0	7	4	298	\$33,430

Table 6. Controlled Substances Registrations issued by the Division of Environmental Health in Fiscal Year 2011.

Results of FY 2011 Plan of Action

- All applications for the issuance of CSR were processed.
- Monthly CSR lists were prepared and distributed to island pharmacies.

Disinterment and Disinterment-Reinterment Clearances

DEH approved 10 requests for Disinterment; none were received for Disinterment and Reinterment (**Table 7**). This was four fewer requests for disinterment than in FY 2010, and one fewer request for Disinterment-Reinterment. Overall, FY 2011 saw five fewer requests. Disinterment involves the removal of remains from a grave or tomb for disposition at another location; Disinterment-Reinterment occurs when the remains are replaced in the original grave or tomb, often with a second set of remains, such as when a husband and wife are placed together.

Results of FY 2011 Plan of Action

- See “Cemetery and “Mortuary”

DISINTERMENT and DISINTERMENT-REINTERMENT ISSUANCE	
Category	Number of Approvals
Disinterment requests	10
Guam Memorial Park	4
Pigo Cemetery	2
Limiaco Cemetery	1
Santa Clara Catholic Cemetery	1
Guam Veteran's Cemetery	1
Philippines	1
Disinterment-Reinterment requests	0
Total	10

Table 7. Disinterment and Disinterment-Reinterment approvals issued by the Division of Environmental Health in Fiscal Year 2011.

Administrative Penalty

In Fiscal Year 2011, there were 15 cases processed for administrative penalty by the Division of Environmental Health (**Table 8**). A total of \$5,200 was collected as fines from these establishments that had employed individuals who do not have health certificates while working in these regulated establishments. This was a decrease of eight cases (34.8%), and of the amount collected (\$2,400), from Fiscal Year 2010. Most violations (6) were found in the Food Establishment category, followed by Cosmetic and Eating & Drinking Establishments (4 each). The highest amount collected in FY 2011 was from Paradise Shiatsu Massage, which was found to have seven employees working without Health Certificates. All funds collected from administrative penalties go to the General Fund.

Results of FY 2011 Plan of Action

- Only blatant violations involving employers allowing individuals to work without any Health Certificates were referred for possible action. Individuals with valid Health Certificates who had forgotten to wear their certificates or individuals with briefly expired certificates were not considered for monetary penalty.

ADMINISTRATIVE PENALTY ASSESSMENTS				
No.	Establishment	Category	Amount Assessed	Amount Collected
1	Suvena Therapeutic Massage	Therapeutic Massage	\$600	\$600
2	Number 1 Market	Food Establishment	\$200	\$200
3	P.S. Mart	Food Establishment	\$200	\$200
4	Fa Fa Spa Massage	Therapeutic Massage	\$200	\$200
5	Fa Fa Spa Massage II	Therapeutic Massage	\$400	\$400
6	Best - Pure and Fresh Drinking Water	Eating & Drinking Establishment	\$200	\$200
7	Guam Bakery	Food Establishment	\$200	\$200
8	Cho Won Korean Restaurant	Eating & Drinking Establishment	\$200	\$200
9	A-Market	Food Establishment	\$400	\$400
10	Isla Steak and Grill	Eating & Drinking Establishment	\$200	\$200
11	Harmon Mart	Food Establishment	\$200	\$200
12	Paradise Shiatsu Massage	Therapeutic Massage	\$1,400	\$1,400
13	Blessed Seed Christian Academy & Day Care Center	Childcare Facility	\$200	\$200
14	Daemi Corporation	Food Establishment	\$400	\$400
15	Susan's Pub	Eating & Drinking Establishment	\$200	\$200
TOTAL MONETARY FEES COLLECTED				\$5,200

Table 8. Administrative penalties processed by the Division of Environmental Health in Fiscal Year 2011.

CONSUMER COMMODITIES

The consumer commodity programs of DEH responded to all detainments made by the Guam Customs and Quarantine Agency (GCQA) at the island's ports of entry. The Bureau of Professional Support Services' Consumer Commodity Program (CCP) staff did not conduct any tagging or retail inspections due to limited personnel. A total of 116 detainments were examined this fiscal year (**Table 9**). This was 9 fewer detainment reviews than were conducted in FY 2010, a decrease of 7%.

CONSUMER COMMODITIES	
Number of FOOD Inspections and Investigations	
Commercial Importation Cases	49
Personal Importation Cases	3
Retail "Tagging" Cases	0
Subtotal	52
Number of DRUG Inspections and Investigations	
Commercial Importation Cases	23
Personal Importation Cases	9
Retail "Tagging" Cases	0
Subtotal	32
Number of COSMETIC Inspections and Investigations	
Commercial Importation Cases	21
Personal Importation Cases	0
Retail "Tagging" Cases	0
Subtotal	21
Number of MEDICAL DEVICE Inspections and Investigations	
Commercial Importation Cases	5
Personal Importation Cases	0
Retail "Tagging" Cases	0
Subtotal	5
Number of HAZARDOUS SUBSTANCE Inspections and Investigations	
Commercial Importation Cases	6
Personal Importation Cases	0
Retail "Tagging" Cases	0
Subtotal	6
GRAND TOTAL	116

Table 9. Number of inspections and investigations of regulated consumer commodities conducted by the Division of Environmental Health in Fiscal Year 2011.

Food

There were a total of 52 detained shipments, 35 of which were bottled water. This amounts to 67% of all food detentions being comprised of bottled water. A total of 542,624 pieces of bottled water were imported. Bottled water must pass a bacteriological laboratory test before being cleared for release. On Guam, such testing is primarily conducted at the University of Guam's Water and Energy Research Institute. Importers may apply for a pre-importation clearance for their shipments after three shipments have passed the laboratory tests. Each brand, size, and type of bottled water must be separately cleared; if an importer had previously had a shipment of 4 oz. bottled water clear and received a shipment of 8 oz. bottles, the new shipment must be detained and tested before it can be released.

Three of the 52 detentions were for personal use, with the remaining detentions intended for commercial use. All such detentions were commercial importations from 27 retailers/wholesalers: Valencia Wholesale and Retail; R Daily Mart; S.P.E.; Fineline; Kyung Sun Choi; Sunyes Corporation; MPM Wholesale; A&D Mart; Le's Seafood; PIC Products Corporation Guam; Pacific Rim Brokers; Holiday Tours Micronesia; Alupang Beach Towers; Yan Corporation; ANZ Bank; Lucky Supplies; RWGS Corporation; Guam Broadcast Services; San Jose Supermarket; Sekiguchi Trading; Yudu Trading Corporation; Canovas and Sons; Triple J Five Star Wholesale; Momo Corporation; Coca-Cola Beverage Co.; South Pacific Petroleum; and SM Guam. Four pre-importation clearances, 36 releases, 11 refusals, and five forfeitures were issued this fiscal year; this total includes seven detentions that were carried over from Fiscal Year 2010. Three food detainment cases are carried over to FY 2012 since they were still pending closure.

There were 53 voluntary recalls for food commodities that were acted upon by Consumer Commodity Program (CCP) staff this fiscal year (**Table 10**). Of these recalls, a total of 38 pieces of recalled food items were found on island and removed from store shelves. The CCP staff tagged suspected affected commodities, but they were later released upon submission of documents that cleared the suspected items. The CCP was unable to determine the approximate numbers of recalled items received and sold because retailers did not provide those numbers despite numerous attempts to follow-up and obtain them. A total of two press releases were issued:

- 12/1/10 – Recall of Five Varieties of Vaalia Yoghurt by Parmalat Australia Ltd. Of South Brisbane QLD Australia, due to the presence (or possible presence) of foreign matter. The foreign matter in question was a small piece of plastic that could have fallen into the product when removing the lid. While the affected commodities were distributed by Triple J Five Star Wholesaler to all Pay-Less Supermarkets, the CCP learned that only the Mangilao Pay-Less Supermarkets carried the affected products (38 pieces total). Corrective action was taken and no complaints or reports of local injuries were reported.
- 6/8/11 – Recall alert by the Taiwan Department of Health regarding the use of DEHP [Di(2-ethylhexyl) phthalate] in certain foods manufactured in Taiwan, particularly sports drinks, juices, tea drinks, fruit jams or syrups, and tablets or powders. None of the affected products were found on Guam, although some suspected items were tagged and later released by the CCP upon submission of documents which showed that they were not manufactured at implicated facilities.

Active inspection of food products at retail establishments was not performed this fiscal year due to lack of staff and resources.

Results of FY 2011 Plan of Action

- All GCQA referrals for food detentions were addressed by DEH.
- More than 85% of importers whose food products were detained at ports of entry and referred to DEH were scheduled and notified of the status of the cases.
- More than 75% of all food detainments referred by GCQA were inspected within ten (10) calendar days of notification.

Drug

There were 32 drug detained shipments from GCQA. Twenty-three detainments were intended for commercial purposes; the remaining nine detentions were personal imports. There were five importations related to pharmaceutical controlled substances. The drugs varied from personal human medications of unknown labeling, drug/cosmetic commodities, animal (chicken) drugs which were steroids (a controlled substance), and the weight loss drug, "Goodliness."

The drugs were imported from the following countries: Japan, Hong Kong, United States, New Zealand, Philippines, and Korea. A total of 25,921 pieces of drugs were detained resulting in the issuance of eight releases, 14 refusals, and 11 forfeitures. This list includes some actions for drugs detained in Fiscal Year 2010. Five drug detainment cases are being carried over to FY 2012 since they are still pending closure.

There were 32 voluntary recalls for drug commodities that were acted upon by CPP staff this fiscal year. No recalled items were found on Guam.

Active inspection of drug products at retail establishments was not performed this fiscal year due to lack of staff and resources.

Results of FY 2011 Plan of Action

- All GCQA referrals for drug detentions were addressed.
- More than 85% of importers whose drug products were detained at ports of entry and referred to DEH were scheduled and notified of the status of the cases.
- More than 75% of all drug detainments referred by GCQA were inspected within ten (10) calendar days of notification.

Cosmetic

There were a total of 21 cosmetic detentions by GCQA referred to CCP this fiscal year. All detainments were for commercial use only. All of the cosmetic detainments originated from either the Philippines (which had the highest number of cosmetic detainments), Korea, Japan, Hong Kong, United States, or China. A total of 18,572 pieces were imported resulting in the issuance of five releases, seven refusals, and six forfeitures. Three cosmetic detainment cases are being carried over to FY 2012 since they are still pending closure.

There were no recalls for cosmetics this fiscal year.

Active inspection of cosmetic products at retail establishments was not performed this fiscal year due to lack of staff and resources.

Results of FY 2011 Plan of Action

- All GCQA referrals for cosmetic detentions were addressed by DEH.
- More than 85% of importers whose cosmetic products were detained at ports of entry and referred to DEH were scheduled and notified of the status of the cases.
- More than 75% of all cosmetic detainments referred by GCQA were inspected within ten (10) calendar days of notification.

Voluntary Recalls by US Food and Drug Administration, US Dept. of Agriculture, US Consumer Product Safety Commission, Food Safety of Australia and New Zealand, and Taiwan Department of Health - FY 2011

USFDA	No. of Recalls Acted Upon by BPSS	Type of Activity Conducted							Findings				
		Email	Faxes	Hand Delivered	Phone Calls	Inspections	Tagged (# Pieces)	Press Release Issued	No. On Island	Acctd	Removed	Sold	Returned
Food	40	98	2,367	0	365	0	0	0	0	0	0	0	0
Bottled Water	0	0	0	0	0	0	0	0	0	0	0	0	0
Drug	32	25	1,533	0	278	0	0	0	0	0	0	0	0
Cosmetic	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical Device	1	0	28	0	0	0	0	0	0	0	0	0	0
FSANZ	No. of Recalls Acted Upon by BPSS	Type of Activity Conducted							Findings				
		Email	Faxes	Hand Delivered	Phone Calls	Inspections	Tagged (# Pieces)	Press Release Issued	No. On Island	Acctd	Removed	Sold	Returned
Food	1	0	42	0	26	0	0	1	unk	38	38	unk	0
USDA	No. of Recalls Acted Upon by BPSS	Type of Activity Conducted							Findings				
		Email	Faxes	Hand Delivered	Phone Calls	Inspections	Tagged (# Pieces)	Press Release Issued	No. On Island	Acctd	Removed	Sold	Returned
Food	11	207	387	0	140	0	0	0	0	0	0	0	0
Taiwan Dept. of Health	No. of Recalls Acted Upon by BPSS	Type of Activity Conducted							Findings				
		Email	Faxes	Hand Delivered	Phone Calls	Inspections	Tagged (# Pieces)	Press Release Issued	No. On Island	Acctd	Removed	Sold	Returned
Food	1	0	0	0	0	6	0	1	0	0	0	0	0

Table 10. Number and type of voluntary recalls by U.S. Food and Drug Administration (USFDA), U.S. Department of Agriculture (USDA), U.S. Consumer Product Safety Commission (USCPSC), Food Safety of Australia and New Zealand (FSANZ), and the Taiwan Department of Health acted upon by DEH in FY 2011 (Continued on next page).

USCPSC	No. of Recalls Acted Upon by BPSS	Type of Activity Conducted							Findings				
		Email	Faxes	Hand Delivered	Phone Calls	Inspections	Tagged (# Pieces)	Press Release Issued	No. On Island	Acctd	Removed	Sold	Returned
Accessories	6	0	12	34	0	34	0	0	0	0	0	0	0
Appliances	6	0	20	48	0	48	0	2	0	19	19	unk	0
Book & Related Items	0	0	0	0	0	0	0	0	0	0	0	0	0
Clothing & Shoes	1	0	9	9	0	9	0	0	0	0	0	0	0
Electronics	1	0	0	12	0	12	0	0	0	0	0	0	0
General Merchandise	1	0	0	1	0	1	0	0	0	0	0	0	0
Hardware	13	0	40	127	0	127	0	0	0	0	0	0	0
House/Garden	12	0	56	62	0	62	0	3	0	449	23	426	0
Recreational Items	13	0	40	81	0	81	0	0	0	0	0	0	0
Toys	7	0	24	46	0	46	0	0	0	0	0	0	0
All Other Items	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 10. Number and type of voluntary recalls by U.S. Food and Drug Administration (USFDA), U.S. Department of Agriculture (USDA), U.S. Consumer Product Safety Commission (USCPSC), Food Safety of Australia and New Zealand (FSANZ), and the Taiwan Department of Health acted upon by DEH in FY 2011.

Medical Device

There were five detentions for medical devices this fiscal year. A total of 3,125 pieces of medical devices were detained, resulting in two releases, one refusal, and one forfeiture. The medical devices (i.e., enema bag, condoms, fever and cooling pads) were detained from Japan, China, and Hong Kong. One case was carried over to FY 2012 due to a hearing date scheduled on October 4, 2011.

There was one recall for medical devices this fiscal year, but the affected product was not found on Guam.

Active inspection of medical device products at retail establishments was not performed this fiscal year due to lack of staff and resources.

Results of FY 2011 Plan of Action

- All GCQA referrals for medical device detentions were addressed by DEH.
- More than 85% of importers whose medical device products were detained at ports of entry and referred to DEH were scheduled and notified of the status of the cases.
- More than 75% of all medical device detentions referred by GCQA were inspected within ten (10) calendar days of notification.

Hazardous Substances

There were six hazardous substance detentions by GCQA referred to CCP this fiscal year. All the detentions were for commercial use. Most of the hazardous substances were laundry detergent and dish detergent that originated from the Philippines, Korea and China. A total of 5,598 pieces were imported, resulting in the issuance of one release notice, two refusal notices, and two forfeitures. These actions included one case carried forward from Fiscal Year 2010. Two detention cases are being carried over to FY 2012 since they are still pending closure.

There were 59 US Consumer Product Safety Commission (USCPSC)-related recalls this fiscal year with seven (11.8%) falling under the category of hazardous substance as defined in Title 10 GCA, Chapter 32. Commissioning of certain DEH staff with USCPSC authorized the Division to act on such recall notices. Of all 59 recalls, five voluntary recalls were found to have affected Guam. A total of five press releases were issued:

- 8/24/11 – Voluntary recall of 300,000 Hamilton Beach classic chrome 2-slice toasters imported by Hamilton Beach Brands, Inc. of Glen Allen, VA. The toasters were recalled due to the heating element having the potential to remain energized indefinitely when an item is placed in the toaster, which may ignite the contents and pose a fire hazard if the toaster is near flammable items. The recalled items were found at K-Mart as a result of a recall effectiveness check. All recalled items were sold to consumers in March 2011 and none were observed during the inspection on 8/22/11.
- 6/17/11 – Voluntary Recall of Box Fans manufactured by Lasko Products Inc. of West Chester, PA, due to the possibility of electrical failure that could occur in the fan's motor, which poses a fire hazard. Although the affected products were not found at K-Mart, CCP learned that they were sold to consumers in the past and that sale of the Lasko brand fans had been discontinued for almost a year at the time of the recall.

- 4/20/11 – Voluntary Recall of LED Night Lights manufactured by American Tack & Hardware Company, Inc. (AmerTac) of Saddle River, NJ. The lights were recalled due to an electrical short-circuit that could cause the unit to overheat and smolder or melt, which could burn consumers or pose a fire hazard. The affected units were sold at The Home Depot to consumers and 18 units were removed from store shelves.
- 7/15/11 – Voluntary Recall of Calphalon Contemporary Cutlery Knife Block Sets by Calphalon Corporation of Atlanta, GA. The knife blocks were found to pose a laceration hazard attributed to the tips of the 8-inch slicing knife and/or the 8-inch bread knife protruding through the bottom slot row on the wooden block holder. The recalled items were found at Macy's Guam and a total of three affected knife block sets were sold to consumers.
- 7/1/11 – Voluntary Recall of certain STIHL Gas Powered Yard Products due to fire and burn hazard, manufactured by STIHL Inc. of Virginia Beach, CA. These products were recalled because the level of ethanol and other fuel additives used in these products can distort the fuel cap, allowing fuel to spill, posing a fire and burn hazard to consumers. A total of 123 affected gas powered STIHL yard power products were sold to consumers from the local distributor, Guam KM Universal Paints.

Active inspection of hazardous substance products at retail establishments was not performed this fiscal year due to lack of staff and resources.

Results of FY 2011 Plan of Action

- All GCQA referrals for hazardous substance detentions were addressed.
- More than 85% of importers whose hazardous substance products were detained at ports of entry and referred to DEH were scheduled and notified of the status of the cases.
- More than 75% of all hazardous substance detainments referred by GCQA were inspected within ten (10) calendar days of notification.
- Every recall effectiveness check requested by USCPSC was performed.

Controlled Substances

A total of four pre-operation inspections were conducted by Controlled Substances Program (CSP) staff, on 10/6/10, 11/30/10, 12/7/10, and 7/22/11. Pre-operation inspections are conducted to ensure that proper security measures for the storage and dispensing of controlled substances exist prior to the issuance of the Controlled Substances Registration (CSR) to a facility.

The first pre-operation inspection was conducted on 10/6/10 by R. Rabago at Superdrug Dededo Pharmacy. The second pre-operation inspection was conducted on 11/30/10, also by R. Rabago, to assess whether a researcher possessed the proper security measures for the storage of Schedule IV controlled substances. The third pre-operation inspection was conducted on 12/7/10 by R. Rabago for the change of ownership of Sagan Amot Pharmacy in Agat. The fourth pre-operation inspection was conducted on 7/22/11 by R. Rabago and K. Duenas for the relocation of CTSI Logistics Guam. All of the inspections resulted in the approval and issuance of CSR certificates.

A total of six investigations were conducted by CSP this fiscal year. Five investigations involved the alleged illegal importation of pharmaceutical controlled substances, and they were investigated by CSP staff on 9/19/10, 1/19/11, 3/2/11, 5/3/11, and 6/10/11. The final investigation, which started on 9/29/11, involved suspected illegal purchases of cold medicines containing pseudoephedrine, a pre-cursor for the manufacture of methamphetamine (also known as “ice”).

The first investigation was a continuance of a case that was started on 9/19/10 by J. Quichocho and K. Duenas, for an alleged illegal importation from the Philippines of 40 each Methandriol Dipropionate (Androbol) and 1 bottle of Nandrolone Phenylpropionate (Slazbolak). The case was closed with the issuance of a Notice of Refusal pursuant to Title 10 GCA, Chapter 40 on 10/28/10.

The second investigation was conducted on 1/19/11 by J. Quichocho for an alleged illegal importation of 4 bottles of Meeb Solution for Injection Androgen and Vitamin for fighting chickens. The pharmaceutical controlled substance was imported from the Philippines and forfeited on 2/25/11.

The third investigation was conducted on 3/2/11 by K. Duenas for an alleged illegal importation of pharmaceutical controlled substances via an EMS International Express Mail document envelope delivered to the United States Post Office, Guam Main Facility in Barrigada. The envelope was detained by the Guam Customs & Quarantine Agency (GCQA) on February 28, 2011. The parcel consisted of 140 pieces of Oxycodone and 46 pieces of Alprazolam. On April 28, 2011, an Assent to Forfeiture was issued by DEH, DPHSS. The pharmaceutical controlled substances were destroyed by GCQA.

The fourth investigation was conducted on 5/3/11 by K. Duenas for an alleged imported pharmaceutical controlled substances via United States Post Office, Guam Main Facility in Barrigada. A DHL Express Mail document envelope was detained by the GCQA on April 29, 2011. The parcel consisted of 20 each white colored tablets suspected to be Oxycodone, 30mg. As of the close of the fiscal year, the investigation was on-going.

The fifth investigation was conducted on 6/10/11 by K. Duenas for alleged imported pharmaceutical controlled substances via United States Post Office, Guam Main Facility in Barrigada. The parcel consisted of 88 pieces of Xanax pills. As per Lt. F. Soriano of GCQA, the parcel was not claimed or picked up at the post office, therefore, the parcel may have been returned back to the sender by the U.S. Postal Service. CSP staff requested for official documentation from GCQA to close the case. As of the end of the fiscal year, the case is pending the documentation requested.

A sixth investigation was conducted on 9/29/11 by K. Duenas for suspicious individuals purchasing “Loratadine D,” “Allegra D,” and “Sudafed” at the Guam Seventh Day Adventist Clinic (SDA) Pharmacy. Upon the request from US Drug Enforcement Administration, CSP forwarded the case file for further investigation and action. The case was also forwarded to the Attorney General, Guam Police Department (GPD), and GCQA for further investigation and action.

On 4/30/11, the staff of CSP and the Prescription Drug Monitoring Program (PDMP) participated in the 2nd Annual National Prescription Drug Take Back Campaign at the Agana Shopping Center in Hagatna from 10:00 a.m. to 2:00 p.m. This campaign provided the public an opportunity to drop off unused, unwanted, and expired medications for proper disposal by DEA. Representatives from DEA and GPD also participated in the event at the Hagatna collection site. Brochures and flyers were distributed by the staff of CSP and PDMP during the campaign.

Through the request of Senator Benjamin J.F. Cruz, Vice-Speaker, 31st Guam Legislature, Committee on Youth, Cultural Affairs, Procurement, General Government Operations and Public Broadcasting, sponsored Bill No. 78-31 [An act to prohibit the Cathinone derivatives Methylenedioxypropylamphetamine and Methylmethcathinone by amending Appendix A(E)(4) of Chapter 67 of Title 9 of the Guam Code Annotated], CSP assisted in updating the entire listing of drug schedules to mirror DEA's current listing. On 4/6/11, DEH presented written testimony and testified at the public hearing in support of Bill No. 78-31. On 4/14/11, supplemental written testimony was prepared for Bill No. 78-31. The bill is still pending review by the 31st Guam Legislature.

On 6/15/11, a public hearing for Bill No. 216-31 (COR) was held at the Guam Legislature to amend Appendices A to E of the Guam Uniform Controlled Substances Act. CSP presented testimony on behalf in support of Bill No. 216-31. On 9/30/11, Bill 216-31 was passed and signed into law as Public Law 31-110 by Raymond S. Tenorio, Acting Governor of Guam, to update the Appendices A to E of the Guam Uniform Controlled Substances Act.

The issue regarding prescriptive authority for physician's assistant (PA) was resolved between CSP and the Health Professional Licensing Office (HPLO). HPLO agreed to comply with all the requirements for licensing and prescriptive authority. Although DEH's mandate and rules are silent with respect to prescriptive authority, the CSP is compelled to ensure that all applicants are granted similar authority as authorized by their respective licensing boards.

On 6/17/11 at 9:30 a.m., K. Duenas of CSP appeared in the Superior Court of Guam to testify before a Grand Jury in a pharmaceutical controlled substances investigation case (#CSP10-0006 – Altered Prescription) that was forwarded to the Attorney General on 3/2/11. The suspected individual was arraigned and formally charged.

On 6/29/11, CSP personnel attended a meeting with Assistant AG Jonathan Luke in the DEH Conference room regarding issues and concerns involving the illegal importation of controlled substances to include other cases involving prescription drug diversion. Attorney Luke recommended a creation of a working group to help address these types of cases which specifically involve the diversion of pharmaceutical controlled substances. The first meeting was scheduled to be held in early FY 2012.

Results of FY 2011 Plan of Action

- There was no training activity for CSP this fiscal year due to the Controlled Substances Diversion Fund not being established.
- CSP continues to investigate and address complaints involving suspected diverters of pharmaceutical controlled substances. With the future creation of the Pharmaceutical Controlled Substances Working Group, CSP will work to increase its involvement in

such cases and seek prosecution of suspected diverters of pharmaceutical controlled substances.

- CSP will also continue to assist in focusing on the development of the prescription drug monitoring system in order to obtain intelligence and evidence of suspected diverters on Guam.

Prescription Drug Monitoring Program

The Guam Prescription Drug Monitoring Program (GPDMP) completed extensive revisions on its Request for Proposals (RFP) for a computerized monitoring system software. The initial drafting team was comprised of GPDMP personnel, the DEH Administrator, the Planner IV of the Division and individuals from the DPHSS Systems Group. Examples of successful RFPs were requested from other Prescription Drug Monitoring Programs, and integrated into the draft document. At the end of the fiscal year, the RFP was slated for review by the Chief Information Officer of the Government of Guam.

The GPDMP also completed revisions to the draft rules and regulations which will govern the program, and prepared a list of stakeholder organizations and agencies to be invited to make up the Advisory Committee. An initial meeting of this committee was scheduled for early in Fiscal Year 2012.

The first data collection under the pilot program with the pharmacies of the Guam Department of Public Health and Social Services was conducted in June of 2011. The data for the first six months were collected, but only the Northern Region Community Health Center had filled prescriptions for pharmaceutical controlled substances. The data were uploaded into the MS Access database with no errors, but the current file format causes them to display incorrectly. This format issue was being researched by GPDMP staff for correction at the end of the fiscal year.

From May 12 to 13, 2011, Planner IV Cynthia Naval attended the National Meeting on Practitioner Use of Prescription Monitoring Program (PMP) Data, sponsored by the Alliance of States with Prescription Monitoring Programs (ASPMP) and Brandeis University, in partnership with the Bureau of Justice Assistance, U.S. Department of Justice. The meeting took place in St. Louis, Missouri. The travel was fully federally funded by the Prescription Drug Monitoring Program grant. The sessions included a lunch presentation on legal issues governing practitioner's use of PMP data and breakouts on the second day where a basic curriculum for practitioner education was proposed and discussed.

From June 7 to 9, 2011, Administrator M. Thomas Nadeau and Program Coordinator I Melvin Cruz attended the Seventh National Harold Rogers Prescription Drug Monitoring Program Meeting in Washington, DC. This meeting also was convened by Brandeis University and ASPMP, and in partnership with the Bureau of Justice Assistance. Members of the ASPMP, and state and federal agencies come together each year to share information and ideas with respect to prescription monitoring programs. The GPDMP is a member of the ASPMP. One of the highlights at this year's meeting was that each state's PMP gave an update/report of its program. The GPDMP reported that the Rules and Regulations Governing the GPDMP was just returned after being reviewed by the Office of the Attorney General of Guam; the Request for Proposal was still at the Office of the Attorney General of Guam; the plans to establish the Advisory Committee; the modification to the ASAP Prescription Monitoring Program Standard Version

4.1 for Guam; and plans for the pilot program to begin the first data download in the month of June.

GUAM FOOD SAFETY EDUCATION MONTH

DEH held its 6th Annual Guam Food Safety Education Month (GFSEM) in September 2011 with the theme of “*Cook and Chill to Prevent Being Ill.*” The celebration began with the Governor’s Proclamation signing on August 29, 2011, followed in September by multiple training sessions for the industry on the 2005 Model Food Code, poster contest for elementary school students, media campaign on food safety, and concluded with a food safety fair at the Micronesia Mall.

A fundraising event sponsored by the DPHSS Employees’ Association to assist the GFSEM was held on July 8, 2011. From the sale of \$10 entry tickets to the event, and \$1 raffle tickets sold at the fundraiser, nearly \$3,000 was raised. Also, raffle tickets were sold at each of the training sessions held on August 8 and 9, 13 and 14, and 21 and 22, 2011, raising an additional \$421. Prizes that were raffled away were obtained through the generous donations by Guam Food Safety Task Force members and solicitations through the DPHSS Employees’ Association.

The funds raised were used to purchase prizes for the winners of the GFSEM poster contest, which had 1,519 participants from 21 public and nine private elementary schools. One hundred fifty-four teachers and four parents participated. The top ten posters were chosen from each of three categories: Category I is for children in Kindergarten and 1st grade; Category II is for children in 2nd and 3rd grade; and Category III is for children in 4th and 5th grade. The top three winners in each category received gift certificates of \$150, \$125, and \$100, respectively, for a popular retail establishment. The fourth and fifth place winners of each category received donated \$75 gift certificate from a popular children-themed restaurant, while the sixth through tenth place winners of each category received a \$50 gift certificate for a toy store. After purchasing the prizes and paying expenses associated with the fundraiser event, there was a balance of \$1,221.33 that was forwarded for use in the 7th GFSEM in September 2012.

Throughout the month of September, a public awareness and education campaign was run that included daily food safety tips and quizzes on three radio stations. Prizes for the quiz contest were donated by popular local restaurants.

The GFSEM concluded with a public food safety fair at the Micronesia Mall Center Court on September 24, 2011. The Governor of Guam, the Honorable Eddie Calvo, opened the festivities and awarded the winners of the poster contest with their certificates and prizes. He was joined by the Director and Deputy Director of the Department of Public Health and Social Services, and Senator Dennis Rodriguez, Jr., who is the Chairman of the Committee on Health and Human Services, Senior Citizens, Economic Development, and Election Reform and a member of the Guam Food Safety Task Force, as well as Mr. Frank Toves, the Chair of the Guam Food Safety Task Force. Static displays on food safety and vector control from groups as diverse as No Ka Oi Termite and Pest Control; the U.S. Naval Hospital Preventive Medicine Unit; and the 36th Medical Operations Squadron, Andersen Air Force Base; to the University of Guam’s College of Natural and Applied Sciences; and Foremost Foods. All 1,519 poster entries were displayed around the Center Court. Entertainment was provided by the event’s emcee, Mr. Kyle Mandapat of Power 98; dancers from Mercy Heights Catholic School and Diversity; and the Mount Carmel School Band.

HEALTH-REGULATED ESTABLISHMENTS

In FY 2011, the Processing Center Section of the Division processed and issued 3,060 Sanitary Permits to various regulated establishments, and the Bureau of Inspection and Enforcement (BIE) recorded 2,712 permitted establishments. The discrepancy between the number of permits issued and the number of establishments occurs because of several reasons: first, there can be multiple permits issued to the same establishment during a fiscal year (“New” and “Renewal” being the most common types), and second, because there are Sanitary Permits issued for temporary events lasting three days or less that are included in the annual permit count, but the temporary structures used are not subject to quarterly inspection by the Bureau of Inspection and Enforcement. Thus, the figure from BIE (2,712) reflects the number of permanent facilities permitted with the Division.

The Bureau of Inspection and Enforcement inspected 511 different permitted establishments in FY 2011, which is only 19% of the total permitted facilities. Legislative mandate requires DEH to conduct an inspection of each establishment once every three months, which was not possible during the fiscal year due to a lack of personnel, with the exception of childcare establishments, which did meet the requirements. The Division’s inability to conduct approximately 11,000 routine inspections in FY 2011 forced DEH to prioritize its inspections. Establishments deemed high priority (such as those catering to high risk populations) were inspected on multiple occasions during the year. When all regular, follow-up, and complaint inspections were combined, the Division performed 951 inspections in FY 2011, an increase of over 6% in the number of inspections conducted. The increase can be attributed to a shift in focus during FY2011. Graphical presentations of sanitation inspection data for FiscalYear 2011 are provided in **Figures 2-4**.

FOOD FACILITIES

There were a total of 2,348 Sanitary Permits issued to food facilities (Eating and Drinking Establishments and Food Establishments) in FY 2011 by the Processing Center Section, which was more than three times (2,348 vs. 712) the number issued for all other categories combined, and thus made up 77% of all health-regulated establishments permitted. Food facilities were given higher priorities over other regulated establishments by DEH for sanitation inspections because of the greater potential for disease outbreaks to occur at these establishments.

To conduct as many inspections as possible without sacrificing quality, the Division created a list of critical aspects that inspectors were to focus upon above all others. This enabled the inspectors to concentrate only on those food safety issues that posed the greatest risk of causing foodborne illness.

Nearly 51% of all sanitation inspections performed by BIE in FY 2011 were Eating & Drinking Establishments and Food Establishments.

Eating and Drinking Establishments

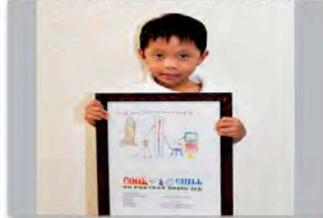
Eating and Drinking Establishment (E&DE) category had the greatest number of permits issued in FY 2011 with 1,427, which comprised 47% of all Sanitary Permits issued during the fiscal year. E&DE had the highest number of permitted establishments (1,199) and inspections conducted during the fiscal year (**Table 11, Figure 5**). The 322 inspections of E&DE made up 34% of all inspections conducted.

Category I: Kindergarten and 1st grade

1st Place: Jada Elle Santos



2nd Place: Keola Leon Guerrero



3rd Place: Avah Marie Torres



4th Place: Blase Michael Ramos



5th Place: Melissa Rojas



6th Place: Kyliia Tainatongo



7th Place: Maya Andres



8th Place: Micah J.A. Tenorio



9th Place: Miguel Macatugal



10th Place: Myah Brantley



Category II: 2nd and 3rd Grade

1st Place: Jonah Raine Santos



2nd Place: Gabrielle Camacho



3rd Place: Victoria Torres



4th Place: Maaya Urbano



5th Place: Ashley Danila



Photo 2. Guam Food Safety Education Month Poster Contest Winners, Categories I and II. (Source: Ideal Advertising, 9/24/2011)

6th Place: Rosesina Setu



7th Place: Sherwin Camara



8th Place: Janine Miller



9th Place: Michelle Kalgren



10th Place: Aiden Taffi



Category III: 4th and 5th Grade

1st Place: Chung Eun Kim



2nd Place: Mikaela Bumagat



3rd Place: Chaz Acosta



4th Place: Geoffrey Gersaniba



5th Place: Caera C. Bonto



6th Place: Vannah Guzman



7th Place: Kent Celeste



8th Place: Ezekiel Castro



9th Place: Justice Sablan



10th Place: Joshua Miller



Photo 3. Guam Food Safety Education Month Poster Contest Winners, Categories II and III. (Source: Ideal Advertising, 9/24/2011)

Restaurant was the most inspected subcategory of E&DE during the year with 178 (**Figure 5**), which represented 55% of all inspections within the category. This was followed by stall stands with 40 inspections (12%) and cafeterias with 25 (8%).

When compared to the previous fiscal year, DEH performed 36 more inspections of E&DE this fiscal year. The 13% increase in the number of inspections was due to a shift in priorities in FY 2011, despite the loss of staff.

Results of FY 2011 Plan of Action

1. Conduct inspections of health-regulated establishments (HRE) based on high-risk populations and complaints.
 - Inspections of regulated establishments were conducted during the year based on critical factors.
2. Establish minimum inspection number for every regulated category.
 - Minimum inspection numbers were established for every regulated category, but BIE was unable to meet these quotas due to staff shortages.
3. Night inspections were not conducted.

Food Establishments

There were 921 Sanitary Permits issued for Food Establishments (FE) in FY 2011 and a total of 160 inspections were performed by BIE on the 854 establishments in this category (**Table 12, Figure 6**), which was a 3% increase from the previous year (155). Fifty-nine percent (95) of FE inspections were of retail establishments. This was followed by manufacturers which represented 17% of the retail establishment inspections, and bakeries (14%).

Results of FY 2011 Plan of Action

See “Eating and Drinking Establishments” above.

NON-FOOD FACILITIES

Non-food facilities regulated by the Division of Environmental Health include Institutional Facilities, Hotels/Motels, Cosmetic Establishments, Laundry/Dry Cleaner, Swimming Pools, and Mortuaries. Collectively, 712 Sanitary Permits were issued to 659 regulated establishments in FY 2011, with 469 inspections conducted of 187 establishments. This was an increase of nearly 4% from FY 2010 in the number of inspections conducted.

Institutional Facilities (81% of all non-food facility inspections) were inspected the most among non-food facilities during the fiscal year, followed by Swimming Pools (9%) and Cosmetic Establishments (7%). See **Tables 13-15** and **Figures 7-9** for complete inspection data of non-food regulated establishments for FY 2011.

DISTRIBUTION OF SANITATION INSPECTIONS

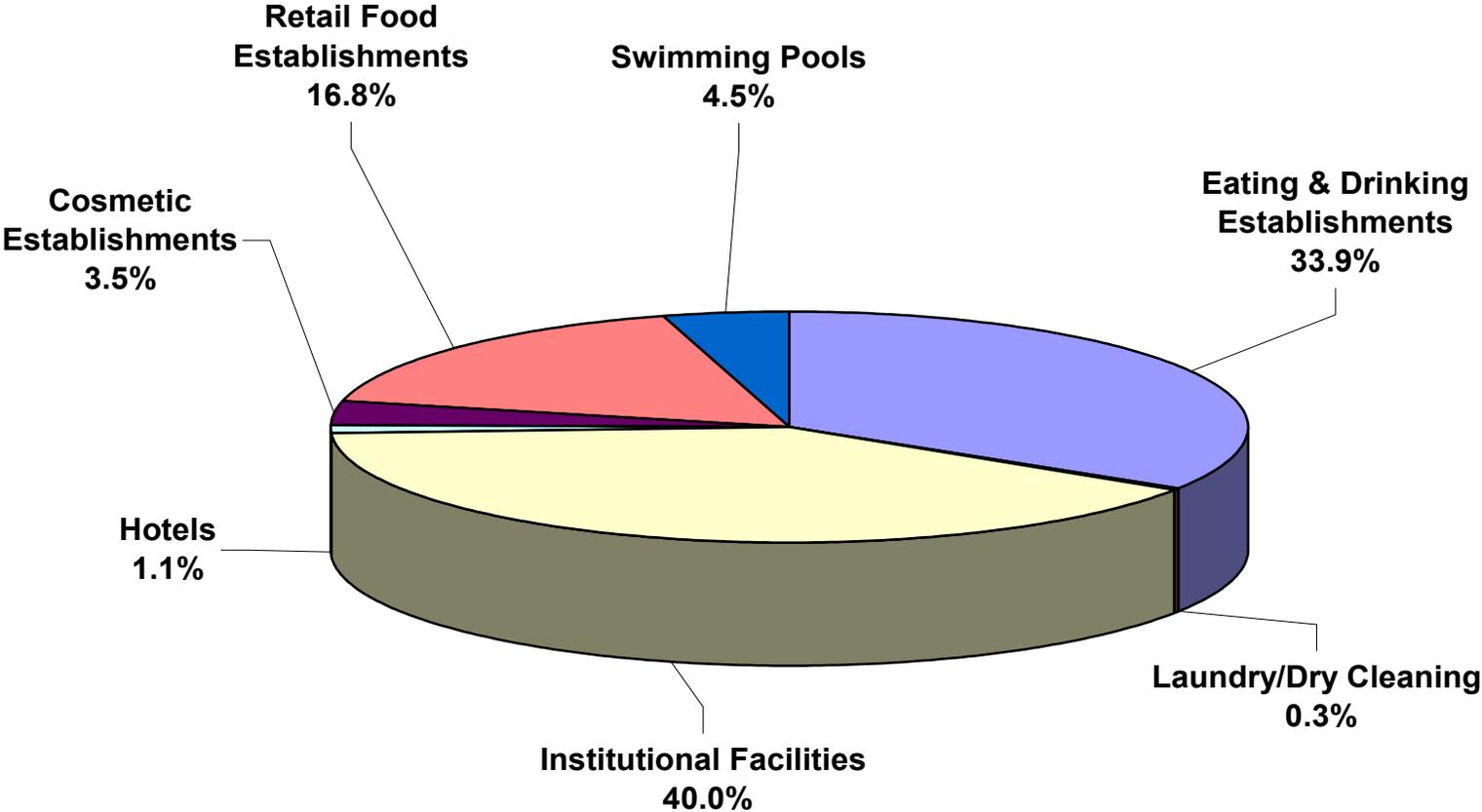


Figure 2. Distribution (%) of sanitation inspections of regulated establishments conducted by the Division of Environmental Health in Fiscal Year 2011.

TYPES OF SANITATION INSPECTIONS

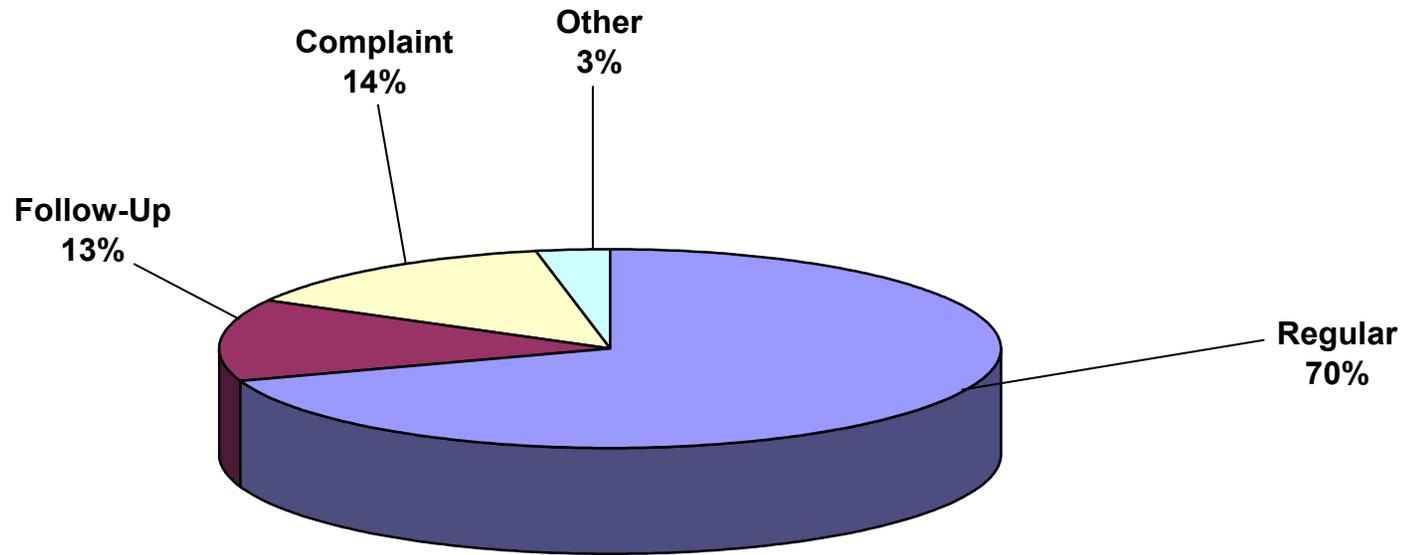


Figure 3. The types (%) of sanitation inspections conducted by the Division of Environmental Health in Fiscal Year 2011.

INSPECTION LETTER GRADE ISSUANCES

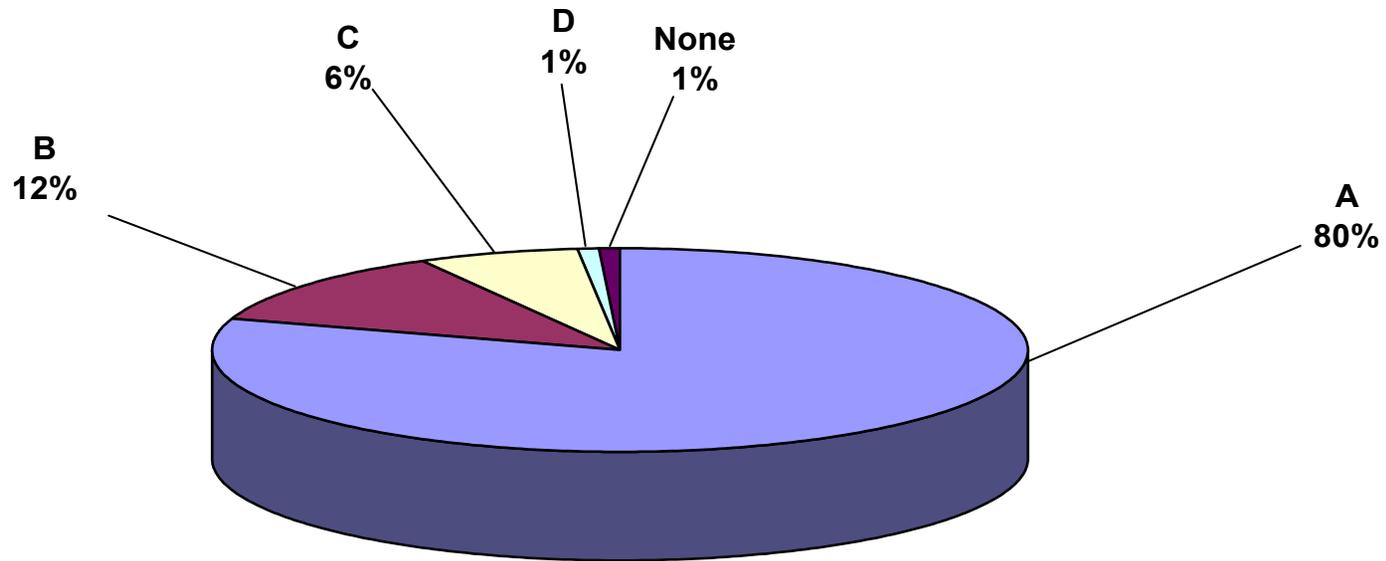


Figure 4. The inspection grades (%) issued to regulated establishments by the Division of Environmental Health in Fiscal Year 2011.

Eating & Drinking Establishment	Number of Est. in Category	Total Number of Est. Inspected	% of Est. Inspected	Total Number of Inspections Conducted	Types of Inspections				Letter Grade Issued					Number of Investigations Conducted	Number of Est. Closures
					Number of Regular	Number of Follow-Up	Number of Complaint	Other	A	B	C	D	None		
Restaurant	433	112	26	178	95	35	47	1	130	21	22	1	4	1	1
Bar	176	1	1	1	1	0	0	0	0	1	0	0	0	0	0
Cafeteria	42	17	40	25	21	2	2	0	22	2	0	0	1	0	0
Catering	46	7	15	16	11	3	2	0	9	4	2	1	0	0	1
Coffee Shop	36	4	11	5	2	1	2	0	4	1	0	0	0	0	0
D.O.C. Cafeteria	2	2	100	8	8	0	0	0	8	0	0	0	0	0	0
Drink Stand	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
In Plant Employee Eating Establishment	13	2	15	2	2	0	0	0	2	0	0	0	0	0	0
Lunch Counter	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Kitchen	1	1	100	1	0	0	1	0	1	0	0	0	0	0	0
Mobile Food Service Establishment	65	14	22	22	13	4	2	3	14	5	3	0	0	0	0
School Cafeteria	25	13	52	15	13	1	1	0	14	1	0	0	0	0	0
Sandwich Stand	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Short Order Establishment	19	1	5	1	0	0	0	1	0	1	0	0	0	0	0
Soda Fountain	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stall Stand	106	29	27	40	24	8	7	1	29	9	2	0	0	0	0
Tavern	34	1	3	1	1	0	0	0	1	0	0	0	0	0	0
Temporary Food Service Establishment	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vending-Beverage Stand	98	5	5	6	4	1	1	0	5	1	0	0	0	0	0
Vending-Food Stand	31	1	3	1	1	0	0	0	1	0	0	0	0	0	0
TOTAL:	1,199	210	18	322	196	55	65	6	240	46	29	2	5	1	2

Table 11. Number of sanitation inspections and investigations of Eating and Drinking Establishments conducted by the Division of Environmental Health in Fiscal Year 2011.

EATING AND DRINKING ESTABLISHMENTS

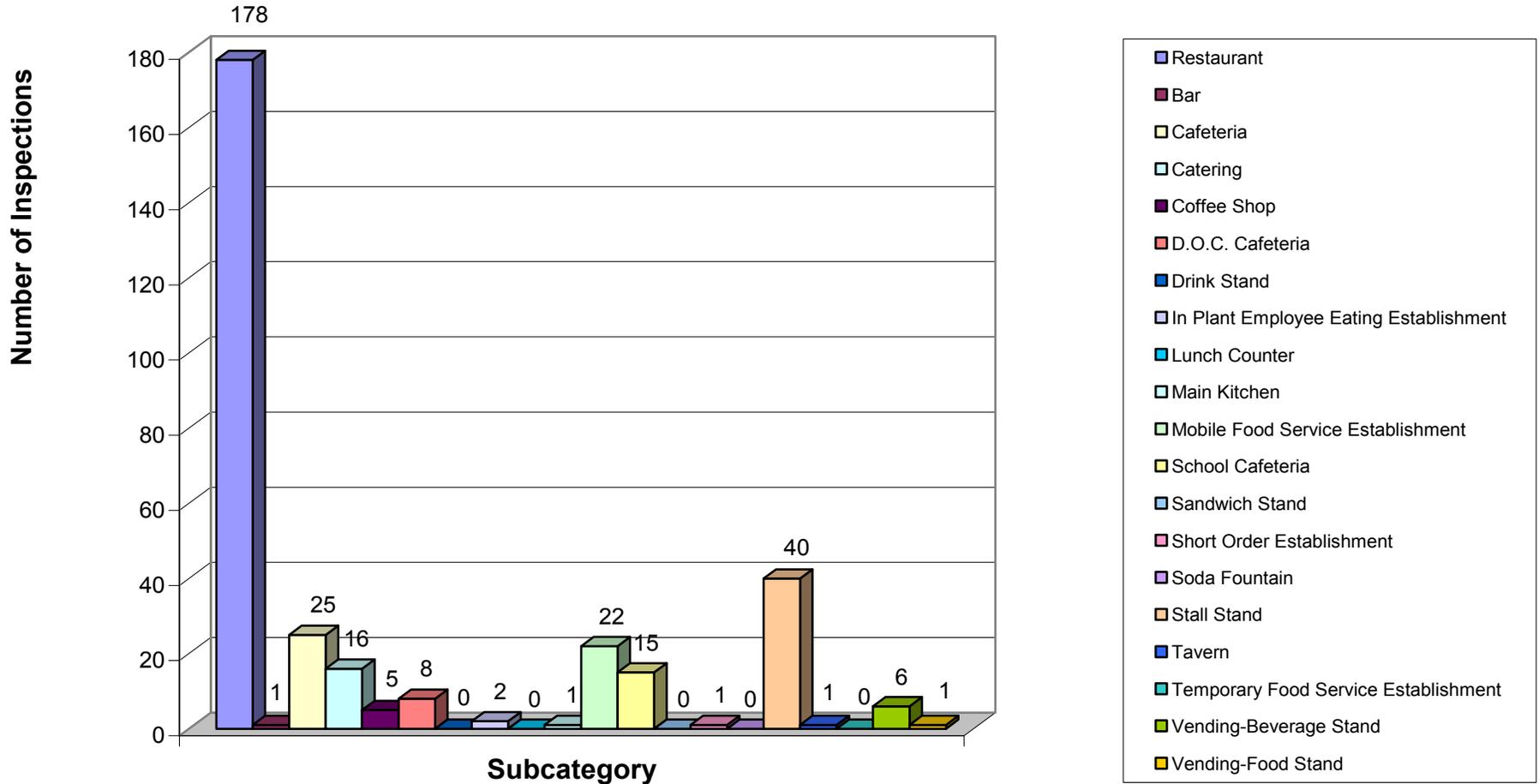


Figure 5. Number of sanitation inspections conducted of Eating and Drinking Establishments by the Division of Environmental Health in Fiscal Year 2011.

Retail Food Establishment	Number of Est. in Category	Total Number of Est. Inspected	% of Est. Inspected	Total Number of Inspections Conducted	Types of Inspections				Letter Grade Issued					Number of Investigations Conducted	Number of Est. Closures
					Number of Regular	Number of Follow-Up	Number of Complaint	Other	A	B	C	D	None		
Bakery	51	11	22	22	6	7	8	1	15	3	3	0	1	0	0
Beverage Plant	1	1	100	1	1	0	0	0	1	0	0	0	0	0	0
Bottling Plant	2	1	50	1	1	0	0	0	0	0	0	0	1	0	0
Confectionary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Creamery	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Delicatessen	4	1	25	1	0	0	1	0	1	0	0	0	0	0	0
Processing Plant	7	2	29	2	2	0	0	0	2	0	0	0	0	0	0
Fish Processing	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Warehouse	105	4	4	5	2	0	2	1	4	1	0	0	0	0	0
Fruit/Vegetable Market	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grocery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ice Cream/Frozen Dessert Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ice Plant	3	2	67	2	2	0	0	0	2	0	0	0	0	0	0
Manufacturer	187	20	11	27	18	4	4	1	20	2	2	3	0	0	3
Poultry Processing	9	4	44	4	4	0	0	0	4	0	0	0	0	0	0
Public Market	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retail	474	68	14	95	38	14	39	4	79	11	3	0	2	1	0
Supermarket	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL:	854	114	13	160	74	25	54	7	128	17	8	3	4	1	3

Table 12. Number of sanitation inspections and investigations of Food Establishments conducted by the Division of Environmental Health in Fiscal Year 2011.

FOOD ESTABLISHMENTS

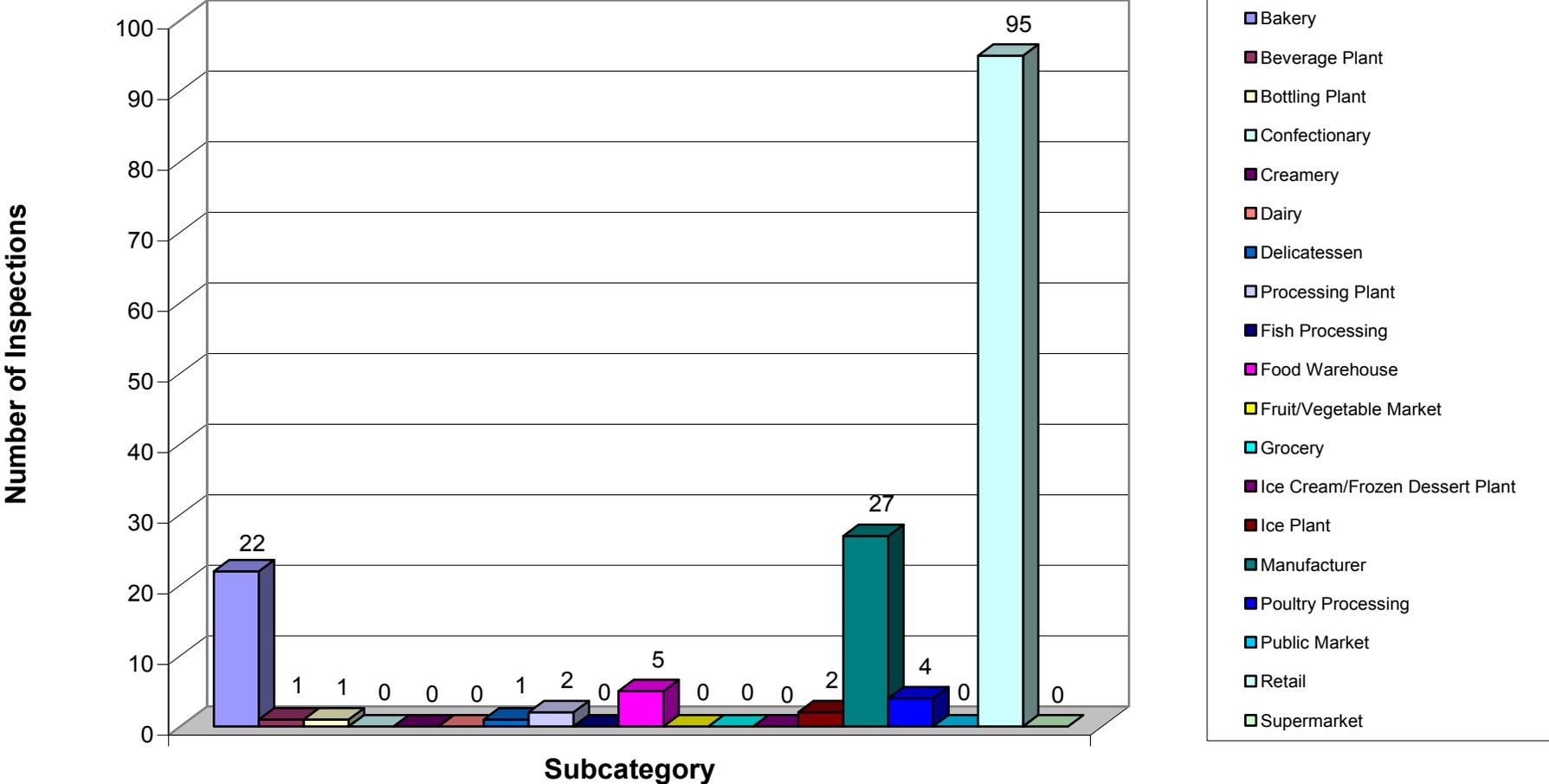


Figure 6. Number of sanitation inspections conducted of Food Establishments by the Division of Environmental Health in Fiscal Year 2011.

Institutional Facilities

Childcare facilities (52% of all institutional facility inspections), family daycares (22%), and school buildings (18%), were inspected the most by BIE within the category of Institutional Facilities (**Table 13, Figure 7**). These establishments were inspected multiple times in FY 2011 as a result of the high priority given by DEH and the Bureau of Social Services Administration of the Division of Public Welfare, which funds two DEH personnel.

Similar to school cafeterias, DEH had adopted a policy to inspect school buildings regularly and often; however, due to the loss of staff, we saw nine fewer inspections (an 11% decrease) in this category for this fiscal year over last year. The Education Suruhanu, Attorney Dominic Terlaje, with whom BIE conducted a number of inspections in Fiscal Year 2011, resigned in July 2011, and his position was never filled.

The Division of Environmental Health conducted a PowerPoint presentation on 10/29/10 at the Governor's Large Conference Room in Adelup with representatives from the Child Care Program (CCP) of DEH, and the Licensing Unit of the Bureau of Social Services Administration of the Division of Public Welfare, for 38 individuals from the island's child care facilities. The purpose of the presentation was to discuss two issues: 1) Revising the "Rules and Regulations Governing Child Care Facilities" and 2) Clarification of child-space ratio (capacity) requirements and inspection. Participants were informed of the Administrative Adjudication Law procedures for rule-making, DEH's calculation in determining both total and room capacity ratios, policy on lanais for existing and new child care facilities, and that DEH would make note of all room capacity violations on the inspection report without citing demerits until 3/1/11. After that date, the requirements for room capacity would be fully enforced.

The CCP conducted two sets of assessments of child care facilities involving child care capacity and playground equipment. Capacity assessments were conducted from March to April 2011. Playground equipment assessments were conducted from June to August 2011. The purpose of the assessments was to determine the impact of implementing the room-to-child ratio requirements stipulated in the current DEH rules and regulations and the application of the U.S. CPSC's Handbook for Public Playground Safety.

On 05/23/2011, Public Law No. 31-70 (Bill 70-31; An Act to establish the Administrative Rules and Regulations of the Department of Public Health and Social Services Relative to Child Care Facilities and Group Child Care Homes, Under Article 1 of Chapter 1, Division 1, Title 26, Guam Administrative Rules and Regulations, and in Conformance with Article 4, Child Welfare Services Act, Chapter 2, Division 1, Title 10, Guam Code Annotated) was signed into law by Governor E. Calvo.

A total of 16 referrals of Hand, Foot and Mouth disease cases were made to the CCP by Dr. Robert Haddock, Epidemiologist for DPHSS, for investigation this fiscal year. The first case involved an 11 month old female child from Yigo. The CCP staff was unable to locate the individual's residence and the contact number was not a working number. Unfortunately, CCP was not able to verify any information on this case and Dr. Haddock was informed. Telephone calls were made to obtain more information regarding the other 15 cases. The CCP learned that

Institutional Facilities	Number of Est. in Category	Total Number of Est. Inspected	% of Est. Inspected	Total Number of Inspections Conducted	Types of Inspections				Letter Grade Issued					Number of Investigations Conducted	Number of Est. Closures
					Number of Regular	Number of Follow-Up	Number of Complaint	Other	A	B	C	D	None		
Child Care Center/Nursery	49	49	100	198	174	20	2	2	175	17	6	0	0	6	5
Family Day Care Home	27	27	100	85	75	3	0	7	76	9	0	0	0	0	0
Group Day Care Homes	1	1	100	8	7	1	0	0	7	1	0	0	0	0	0
Government/Public Bldg.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Foster Home	5	5	100	20	20	0	0	0	20	0	0	0	0	0	0
Juvenile Detention Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Detention Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Correction Facility	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
School Building	66	35	53	69	52	16	0	1	39	16	12	2	0	0	0
Hospital	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clinic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adult Day Care Center	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mental Health Units	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursing Home	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laboratory	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total:	152	117	77	380	328	40	2	10	317	43	18	2	0	6	5

Table 13. Number of sanitation inspections and investigations of Institutional Facilities conducted by the Division of Environmental Health in Fiscal Year 2011.

INSTITUTIONAL FACILITIES

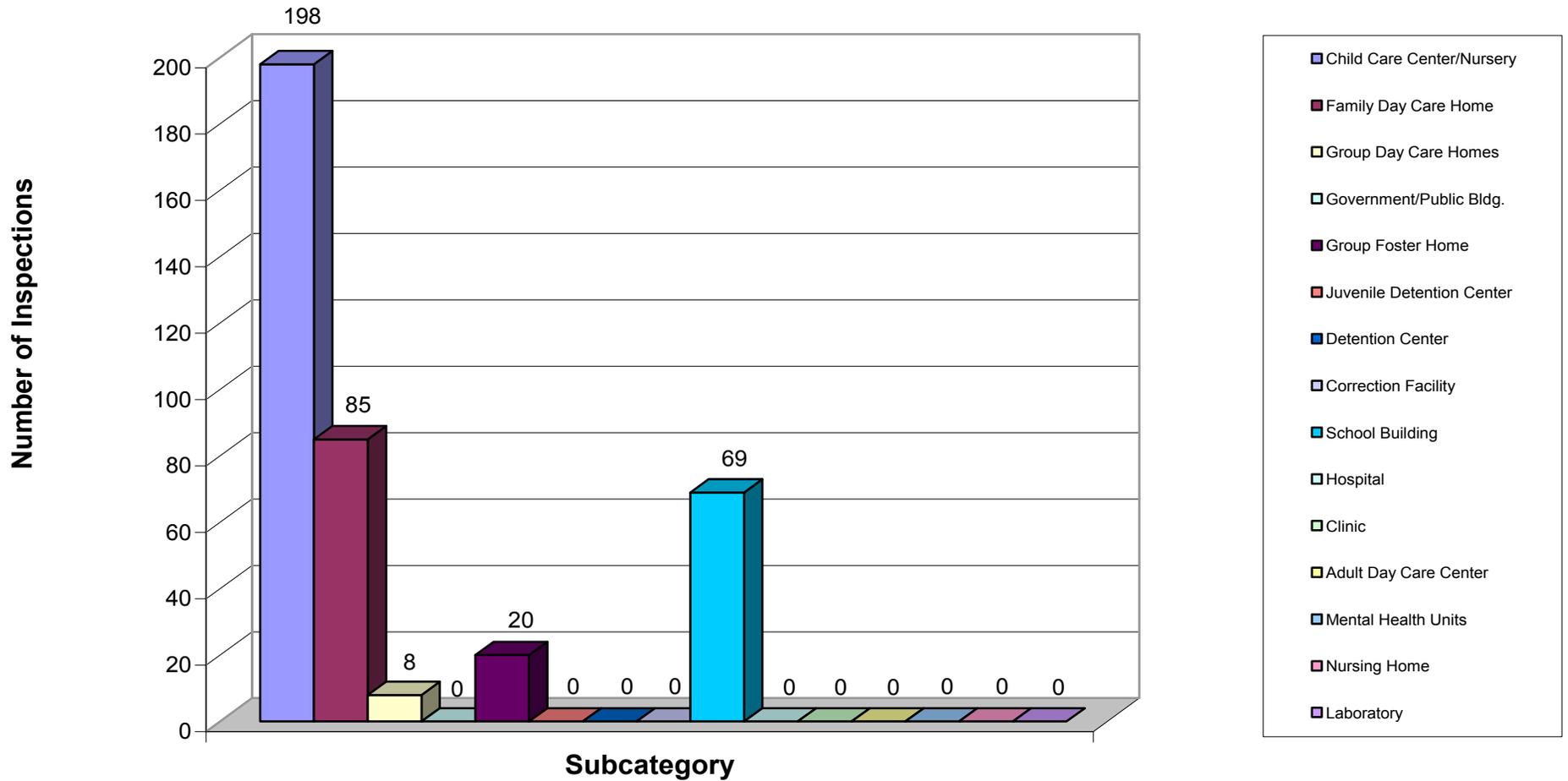


Figure 7. Number of sanitation inspections conducted of Institutional Facilities by the Division of Environmental Health in Fiscal Year 2011.

Hotel	Number of Est. in Category	Total Number of Est. Inspected	% of Est. Inspected	Total Number of Inspections Conducted	Types of Inspections				Letter Grade Issued					Number of Investigations Conducted	Number of Est. Closures
					Number of Regular	Number of Follow-Up	Number of Complaint	Other	A	B	C	D	None		
Hotel	35	2	6	3	2	0	1	0	3	0	0	0	0	0	0
Dormitory	106	3	3	7	3	0	0	4	7	0	0	0	0	0	0
Health Spa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motel	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Studio Hotel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL:	143	5	3	10	5	0	1	4	10	0	0	0	0	0	0

Table 14. Number of sanitation inspections and investigations of Hotel Establishments conducted by the Division of Environmental Health in Fiscal Year 2011.

Cosmetic Establishment	Number of Est. in Category	Total Number of Est. Inspected	% of Est. Inspected	Total Number of Inspections Conducted	Types of Inspections				Letter Grade Issued					Number of Investigations Conducted	Number of Est. Closures
					Number of Regular	Number of Follow-Up	Number of Complaint	Other	A	B	C	D	None		
Cosmetology School	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barber Shop	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Beauty Salon	102	12	12	17	6	2	9	0	14	3	0	0	0	0	0
Massage Parlor	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Therapeutic Massage Establishment	81	10	12	16	9	5	1	1	8	3	5	0	0	0	0
Tattoo Shop	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL:	207	22	11	33	15	7	10	1	22	6	5	0	0	0	0

Table 15. Number of sanitation inspections and investigations of Cosmetic Establishments conducted by the Division of Environmental Health in Fiscal Year 2011.

HOTEL/MOTEL

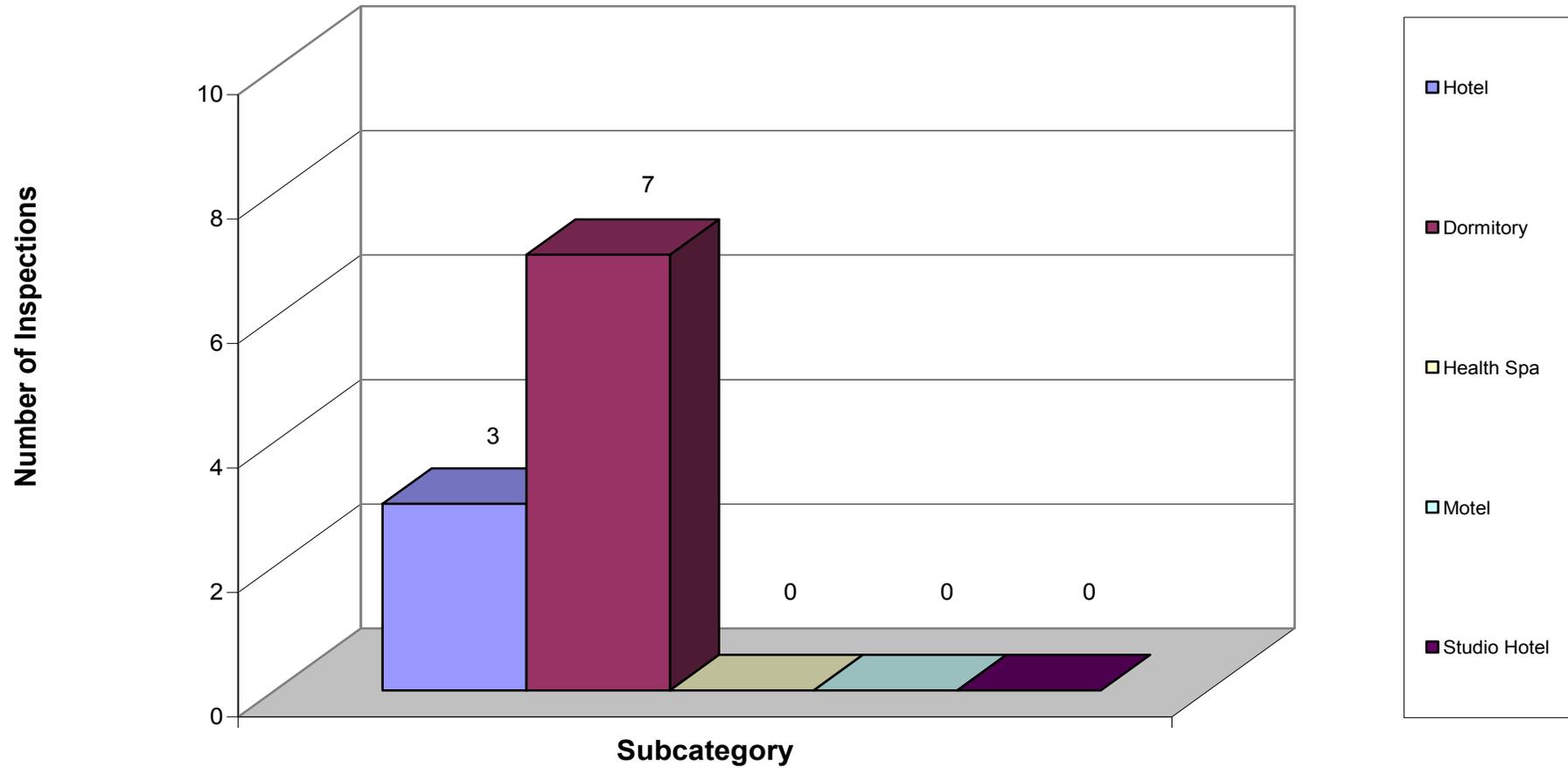


Figure 8. Number of sanitation inspections conducted of Hotel/Motel by the Division of Environmental Health in Fiscal Year 2011.

COSMETIC ESTABLISHMENTS

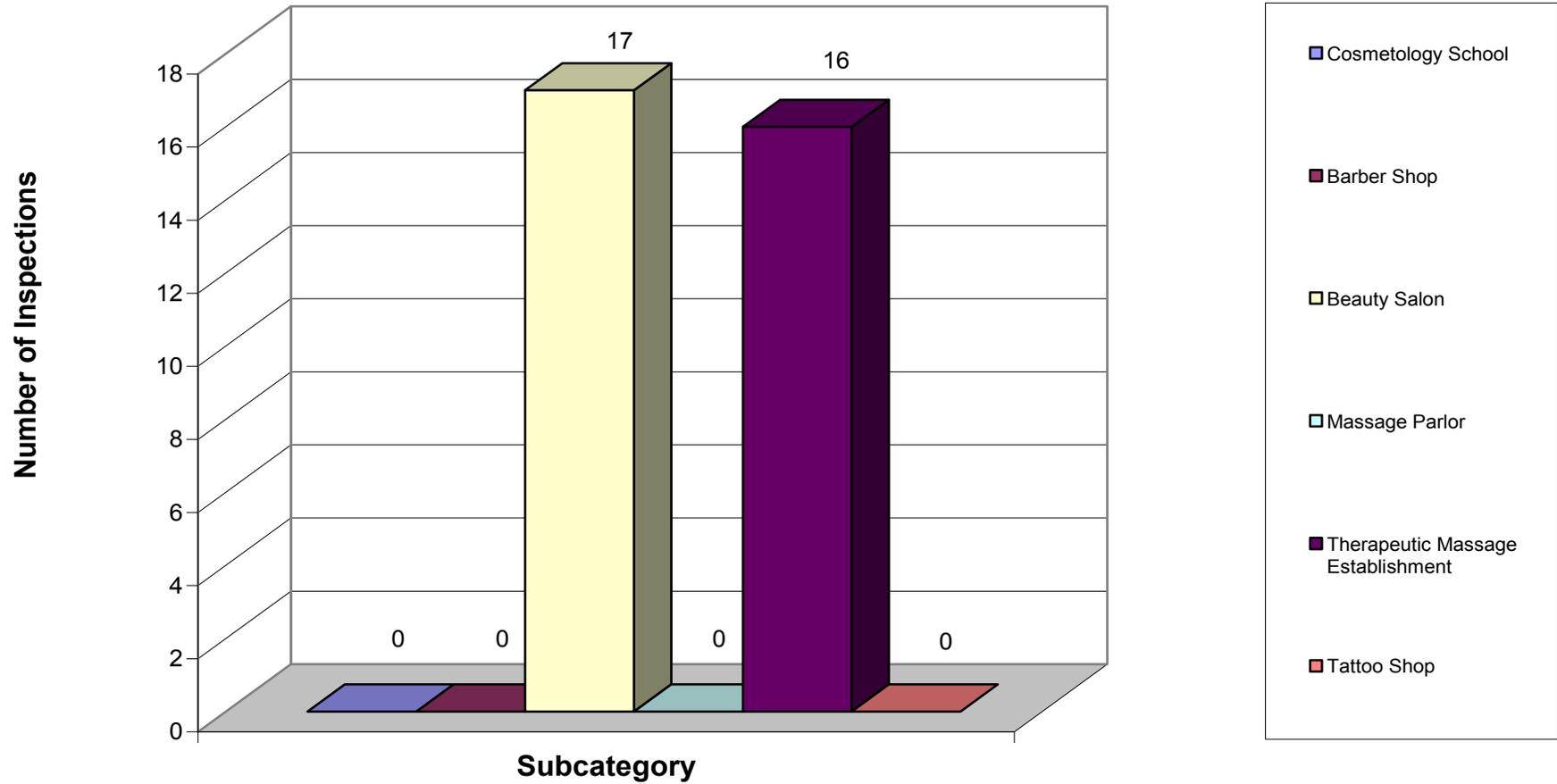


Figure 9. Number of sanitation inspections conducted of Cosmetic Establishments by the Division of Environmental Health in Fiscal Year 2011.

of all these cases, only one was associated with care being provided at a child care center, namely ABCD Agat Bay Child Development Center located in Agat. The remaining 14 children were being cared for at home. All children have since recovered from their illness. A flier prepared by the Division of Public Health of this Department was provided to the child care center and the CCP encouraged center operations to be more vigilant with personal hygiene practices involving increased hand washing and sanitization of common surfaces, including children's materials and toys.

Results of FY 2011 Plan of Action

- Follow-up inspections of all school buildings that received grades of B and below were conducted. Regular inspections of all other public school buildings were conducted during the year.

Hotel/Motel Sanitation

DEH performed 10 inspections within the Hotel/Motel category in FY 2011, (**Table 14, Figure 8**), an increase of 150%. Low priority was given to this category by DEH during the year.

Results of FY 2011 Plan of Action

- A majority of hotels were not inspected during the year.

Cosmetic Establishments

Beauty salons and therapeutic massage establishments were inspected the most within the Cosmetic Establishment category in FY 2011 (**Table 15, Figure 9**). A total of 17 inspections were conducted of beauty salons this year, which is 52% of all inspections conducted in this category (33), but a decrease of almost 6% from the number of beauty salons that were inspected in Fiscal Year 2010 (18).

Therapeutic massage establishments (48%) were the next most inspected establishment in Fiscal Year 2011. The 16 inspections conducted were a decrease of 20% from the number conducted in FY 2010 (20).

Results of FY 2011 Plan of Action

- Thirty-three cosmetic establishments were inspected during the year.

Laundry and Dry Cleaning Establishments

Low priority was given for the inspections of laundries and dry cleaners. Nonetheless, DEH still performed three inspections of these facilities (**Table 16, Figure 10**), 50% more than were done in FY 2010 (2).

Results of FY 2011 Plan of Action

- Only three Laundry and Dry Cleaning Establishments were inspected during the year.

Public Swimming Pools

DEH performed a total of 43 sanitation inspections for this category despite a lack of adequate personnel. This was a significant increase (54%) from the number of inspections performed in FY 2010 (28). The inspections were conducted as a continuation of the Health Education

Laundry/Dry Cleaning	Number of Est. in Category	Total Number of Est. Inspected	% of Est. Inspected	Total Number of Inspections Conducted	Types of Inspections				Letter Grade Issued					Number of Investigations Conducted	Number of Est. Closures
					Number of Regular	Number of Follow-Up	Number of Complaint	Other	A	B	C	D	None		
Dry Cleaning	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Laundry	45	3	7	3	3	0	0	0	2	1	0	0	0	0	0
TOTAL:	64	3	5	3	3	0	0	0	2	1	0	0	0	0	0

Table 16. Number of sanitation inspections and investigations of Dry Cleaning and Laundry Establishments conducted by the Division of Environmental Health in Fiscal Year 2011.

Swimming Pool	Number of Est. in Category	Total Number of Est. Inspected	% of Est. Inspected	Total Number of Inspections Conducted	Types of Inspections				Letter Grade Issued					Number of Investigations Conducted	Number of Est. Closures
					Number of Regular	Number of Follow-Up	Number of Complaint	Other	A	B	C	D	None		
Public Swimming Pool	79	37	47	40	39	1	0	0	40	0	0	0	0	0	0
Wading Pool	12	3	25	3	3	0	0	0	3	0	0	0	0	0	0
TOTAL:	91	40	44	43	42	1	0	0	43	0	0	0	0	0	0

Table 17. Number of sanitation inspections and investigations of Swimming Pools conducted by the Division of Environmental Health in Fiscal Year 2011.

Solid Waste	Number of Est. in Category	Total Number of Est. Inspected	% of Est. Inspected	Total Number of Inspections Conducted	Types of Inspections				Letter Grade Issued					Number of Investigations Conducted	Number of Est. Closures
					Number of Regular	Number of Follow-Up	Number of Complaint	Other	A	B	C	D	None		
Edible Garbage Feeding Establishment	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 18. Number of sanitation inspections and investigations of Edible Garbage Feeding Establishments conducted by the Division of Environmental Health in Fiscal Year 2011.

DRY CLEANING AND LAUNDRY ESTABLISHMENTS

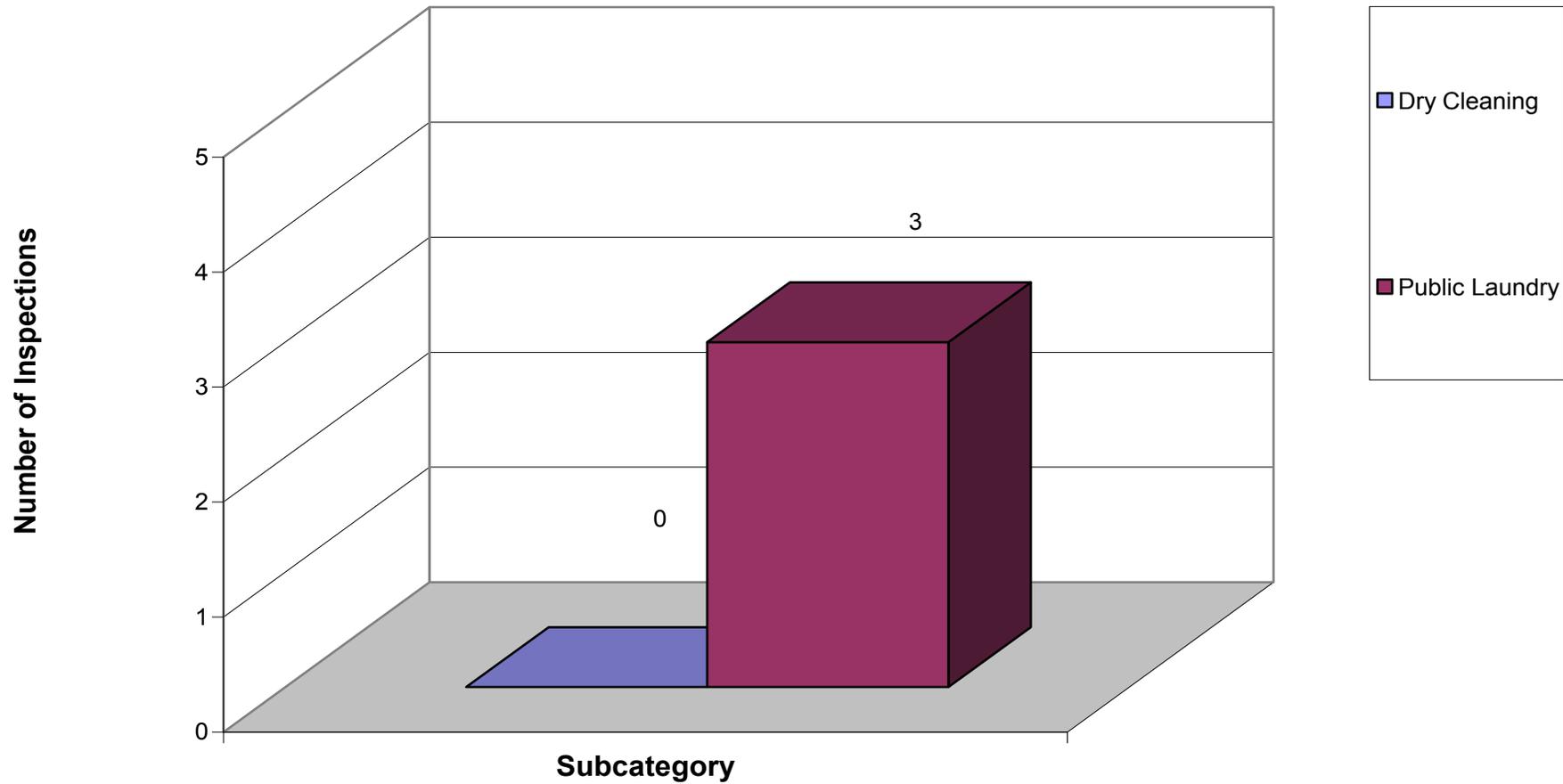


Figure 10. Number of sanitation inspections conducted of Dry Cleaning/Laundry Establishments by the Division of Environmental Health in Fiscal Year 2011.

PUBLIC SWIMMING POOLS

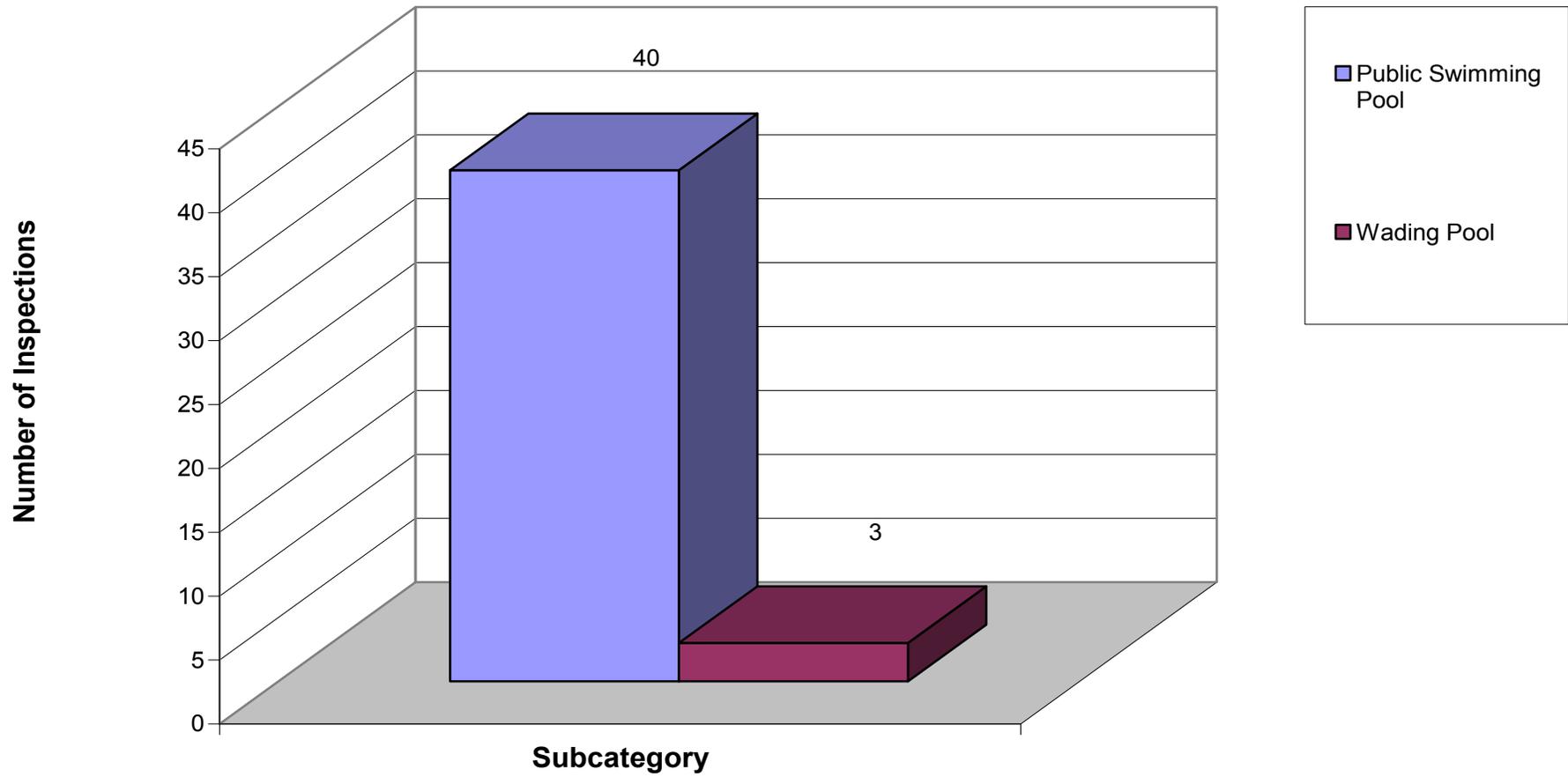


Figure 11. Number of sanitation inspections conducted of Swimming Pools by the Division of Environmental Health in Fiscal Year 2011.

Section’s Healthy Swimming outreach directed at the prevention of waterborne diseases, which began in FY 2010. Each pool site inspected was given a poster and brochures on the “Six Steps for Healthy Swimming,” as well as a poster targeted toward pool operators, which featured pool chemical safety. See **Table 17** and **Figure 11** for complete data for public swimming pool inspections.

Results of FY 2011 Plan of Action

- Sanitation inspections were conducted for this category during FY 2011.

Edible Garbage Feeding Establishment

There were two permitted establishments in this category in FY 2011, which were not inspected during the year (**Table 18**).

Results of FY 2011 Plan of Action

- No action taken due to other priority programs.

Mortuary

The absence of any rules and regulations prevented DEH from permitting or inspecting the five mortuaries operating on the island.

Results of FY 2011 Plan of Action

- No action taken as planned due to other priority programs.

Plans and Specifications

The number of Pre-Operation Inspections (POI) conducted by Plans and Specifications (P&S) increased by a very modest 2% in FY 2011 (**Table 19**) compared to last fiscal year, from 553 to 562. Two hundred eighty-six inspections were conducted in FY 2011 for new establishments, which made up the majority (51%) of inspections by Plans and Specifications. Assessments, which are done to determine compliance on a less formal basis than a full pre-operation inspection, were only 2% of inspections conducted by the section. Business license clearances of regulated establishments comprised 39% of all clearances conducted by the section..

ONE-STOP CENTER ACTIVITIES						
Number of Pre-Operation Inspections		Number of Business Clearances		Number of Plan Reviews	Number of Consultations	Number of Phone Inquiries
New Establishment	286	Business License (Non-HRE)	143	498	1,098	904
		Business License (HRE)	374			
Change of Ownership	229	Alcohol & Beverage License	95			
Renovation or Conversion	0	Childcare License	52			
Assessment	14	H-2 Workers License	154			
Occupancy	33	Contractor License	132			
Total	562	Total	950			

Table 19. Accomplishments of the Division of Environmental Health at the One-Stop Center in Fiscal Year 2011.

The section also reviewed 498 construction and floor plans, provided nearly 1,100 consultations, and answered 904 phone inquiries in Fiscal Year 2011. Perhaps in response to the continued delay of the military buildup on the island, the number of H-2 Workers license clearances decreased by 38% in FY 2011.

Complete data on the number of POI performed by DEH in FY 2011 for the different categories and subcategories are provided in **Table 20**.

COMMUNITY SERVICES

The vessel inspection program, once a very active program, was halted in October 2010. This was the result of a policy change after the adoption of the 2005 International Health Regulations, when it was learned that the Division did not have the authority to issue Deratting or Deratting Exemption certificates on behalf of the U.S. Centers for Disease Control and Prevention. Other community-related programs of the Division, long dormant, received more attention during FY 2011. The Radiological Health Program had a staff member assigned to the program, who drafted the proposed rules and regulations for the program and attended training. The Mosquito Surveillance and Control Program was the focus of a grant application for capital improvement funds to create a mosquito laboratory. Those funds, which had been approved in the U.S. Department of the Interior's FY 2011 budget, were received in July of 2011, allowing the project to begin moving forward.

Cemeteries and Mortuaries

In FY 2011, the Processing Center of DEH approved 10 Disinterment applications and no Disinterment-Reinterment application. This number indicates a decrease of 4 approvals (29%) from last year's figure of 14. As planned, the Division did not witness any of the exhumations.

Results of FY 2011 Plan of Action

- No action taken as planned due to other priority programs.

Radiological Health

On Friday, March 11, 2011, an earthquake registering 8.9 on the Richter scale hit Japan, followed by a tsunami that subsequently damaged the Fukushima nuclear reactors, which began emitting steam with radioactive particles. Although the tsunami did not affect Guam, imports of merchandise from Japan were affected. The nuclear crisis in Japan exemplified the collaborative efforts between this Department and Guam Customs and Quarantine Agency (GCQA) in protecting public health. With the assistance of the Guam Army National Guard and guidance from the U.S. Food and Drug Administration (FDA), GCQA monitored imported goods transiting and originating from Japan for any radiological contamination. The monitoring still continues to this day by GCQA.

As a result of the Japan nuclear incident, and to better prepare Guam for similar events in the future, FDA encouraged and invited DPHSS and GCQA to attend their radiation training course. The staff assigned to this program and a customs officer from GCQA attended the Import Radiological Health Training Course held in Woburn, Massachusetts on September 20-22, 2011. FDA was able to provide funding for the travel of DEH staff; however, they could not accommodate a representative from GCQA. DPHSS provided such for GCQA staff due to the importance of this training.

PRE-OPERATION INSPECTION						
CATEGORY & SUBCATEGORY		TYPE OF INSPECTION				
		NEW	CHANGE OF MANAGEMENT	ASSESSMENT	OCCUPANCY	TOTAL
SWIMMING POOL	Public Swimming Pool	5	1	0	1	7
	Wading Pool	0	0	0	0	0
	Subtotal	5	1	0	1	7
EATING & DRINKING ESTABLISHMENT	Bar	18	22	0	3	43
	Cafeteria	2	60	0	0	62
	Catering	5	0	0	0	5
	Coffee Shop	4	6	0	2	12
	Drink Stand	6	0	0	0	6
	Restaurant	18	39	0	8	65
	Sandwich Stand	0	0	0	0	0
	Short Order Establishment	1	4	0	0	5
	Soda Fountain	5	1	0	1	7
	Stall Stand	6	17	0	2	25
	Tavern	0	0	0	0	0
	Mobile Food Service Establishment	16	3	5	0	24
	Temporary Food Service Establishment	24	0	0	0	24
	Vending Machine (Food)	21	0	0	0	21
	Vending Machine (Beverage)	14	0	0	0	14
	Subtotal	140	152	5	16	313
FOOD ESTABLISHMENT	Bakery	5	1	0	1	7
	Beverage Plant	0	0	0	0	0
	Bottling Plant	0	0	0	0	0
	Confectionary	0	0	0	0	0
	Dairy	0	0	0	0	0
	Delicatessen	1	0	0	0	1
	Fish Processing Plant	0	0	0	0	0
	Food Refrigeration Plant	0	0	0	0	0
	Food Warehouse	3	0	0	0	3
	Fruit/Vegetable Market	0	0	0	0	0
	Ice Plant	0	0	0	0	0
	Manufacturer	16	9	0	0	25
	Meat/Poultry Market	0	0	0	0	0
	Packing House	0	0	0	0	0
	Public Market	0	0	0	0	0
	Retail	52	42	0	5	99
	Subtotal	77	52	0	6	135

Table 20. Number of Pre-Operation Inspections conducted by the Division of Environmental Health in FY 2011 (Continued on next page).

PRE-OPERATION INSPECTION						
CATEGORY & SUBCATEGORY		TYPE OF INSPECTION				
		NEW	CHANGE OF MANAGEMENT	ASSESSMENT	OCCUPANCY	TOTAL
INSTITUTIONAL FACILITY	Child Care Center	5	5	8	3	21
	Family Day Care Home	14	0	0	0	14
	Foster Family Home	0	0	0	0	0
	Group Day Care Home	1	0	0	0	1
	Group Foster Home	0	0	0	0	0
	Residential Treatment Facilities	0	0	0	0	0
	Adult Group Day Care Center	0	0	0	0	0
	Nursing Home	0	0	0	0	0
	Detention Center	0	0	0	0	0
	Correction Facility	0	0	0	0	0
	Juvenile Detention Center	0	0	0	0	0
	Hospital	0	0	0	0	0
	Clinic	0	0	0	4	4
	School	0	0	1	0	1
Subtotal	20	5	9	7	41	
HOTEL	Hotel	1	0	0	0	1
	Motel	0	0	0	0	0
	Dormitory	31	0	0	0	31
	Health Spa	0	0	0	0	0
	Subtotal	32	0	0	0	32
COSMETIC ESTABLISHMENTS	Barber Shop	1	0	0	0	1
	Beauty Salon	6	2	0	2	10
	Barber College	0	0	0	0	0
	School of Cosmetology	0	0	0	0	0
	Massage Parlor	0	0	0	0	0
	Therapeutic Massage	4	14	0	0	18
	Tattoo Shop	0	2	0	0	2
	Subtotal	11	18	0	2	31
Dry Cleaning & Laundry	Dry Cleaning Establishment	0	0	0	0	0
	Public Laundry	5	1	0	1	7
	Subtotal	5	1	0	1	7
Edible Garbage Feeding Establishment		1	0	0	0	1
GRAND TOTAL		291	229	14	33	567

Table 20. Number of Pre-Operation Inspections conducted by the Division of Environmental Health in FY 2011.

DEH also received equipment for radiation monitoring from the FDA during the fiscal year. The equipment included one SAM 940 Isotope Identification & Custom Scintillator; four Ludlum meters and detectors; five radiation pagers; eight personal dosimeters; and three dosimeter chargers.

Results of FY 2011 Plan of Action

- The mandate for Radiological Health Program has yet to be assessed.

Compressed Air

No referrals or complaints were received by BPSS during this reporting period.

Results of FY 2011 Plan of Action

- There were no complaints, referrals, or inspections conducted by BPSS.

Solid Waste

No significant inspections or investigations transpired relevant to solid waste in FY 2011.

Results of FY 2011 Plan of Action

- Plans to develop rules and regulations for solid waste municipal facilities were abandoned years ago upon learning from the Governor's Office of the Camacho Administration that they planned to revise the statute.

Wastewater and Toilet

Section 39107 of Title 10 GCA, Chapter 39 requires DEH to adopt rules and regulations governing the operation of chemical toilets. In FY 2005, DEH revisited the mandate and created an updated draft to the original regulations that were developed nearly a decade ago but never promulgated. The revised draft was completed in May 2005; however, DEH delayed attempts to adopt the measure so the Division could first concentrate on adopting the new rules for Sanitary Permit issuance. The new rules for Sanitary Permit issuance, which did get adopted during the fiscal year, established a fee schedule for chemical toilets. However, the absence of any rules for chemical toilets prevented DEH from assessing the new fee. DEH hopes to adopt the rules and regulations for chemical toilets in FY 2012.

Results of FY 2011 Plan of Action

- No action taken as planned during the fiscal year.

Vector Control

The Mosquito Surveillance and Control Program was officially revived in FY 2005 after a decade of inactivity; however, no significant actions were taken until FY 2008. For vessel sanitation, DEH performed the inspections of 8 ships in FY 2011, before the cessation of the program. Rodent control activities were limited to responding to a few village complaints.

Mosquito Surveillance and Control Program

A total of 8 sea-vessels were inspected for mosquito breeding and propagation sites. None were found on any of these vessels. This inspection was conducted concurrently with the vessel sanitation inspections for rodents.

Mosquito surveillance and control activities remain inactive. No routine surveillance activities were conducted aside from normal inspections of private premises of complaints received by the bureau.

Three imported dengue fever cases were reported for Fiscal Year 2011. The first case was reported on October 19, 2010, the second case on January 06, 2011 and the third case on March 10, 2011. Two of the three cases originated in the Philippines, and the third one in Yap. A total of 650 pamphlets were passed to the residences surrounding the affected individuals.

Results of FY 2011 Plan of Action

- Continue to build foundation for Mosquito Surveillance and Control Program

Rodent Surveillance and Control Program

Rodent surveillance and control activities remained inactive. No routine surveillance activities aside from vessel inspections and normal inspections of private premises of complaints were conducted.

A total of twenty-six rodent complaint investigations were conducted for this fiscal year. Twelve were substantiated, ten were not, and four still needed to be addressed at the end of the fiscal year.

Vessel Sanitation

All activities related to vessel sanitation inspections and the issuance of “Ship Sanitation Control Exemption Certificate/Ship Sanitation Control Certificate” ceased on 10/21/10. This decision was due to information received on 9/9/10 from the U.S. Centers for Disease Control and Prevention, which delegated the responsibility for these functions solely to the U.S. Navy and the U.S. Coast Guard. From 10/01/2010 to 10/21/2010, a total of eight vessel sanitation inspections were conducted. No evidence of rodent infestation was observed at any time. Since mosquito surveillance is a standard procedure to be conducted concurrent with the deratting inspections, the staff also conducted the same number of inspections for mosquito breeding and propagation sites. No evidence of mosquitoes was found.

The Division generated a total of \$400 for inspecting eight sea-vessels during this fiscal year. (Table 21, Figure 12).

Results of FY 2011 Plan of Action

- All deratting inspections were conducted as requested by agents.
- Conducted inspection for all requests submitted for ships seeking vessel sanitation inspections.
- 100% of all vessel inspections were performed within receipt of request on days requested.

VESSEL SANITATION INSPECTION			
Exemption Certificate	NUMBER	Ship Sanitation Certificate	NUMBER
Longliner	8	Longliner	0
TOTAL: 8			

Table 21. Vessel sanitation inspections conducted by the Division of Environmental Health in Fiscal Year 2011.

VESSEL SANITATION INSPECTIONS

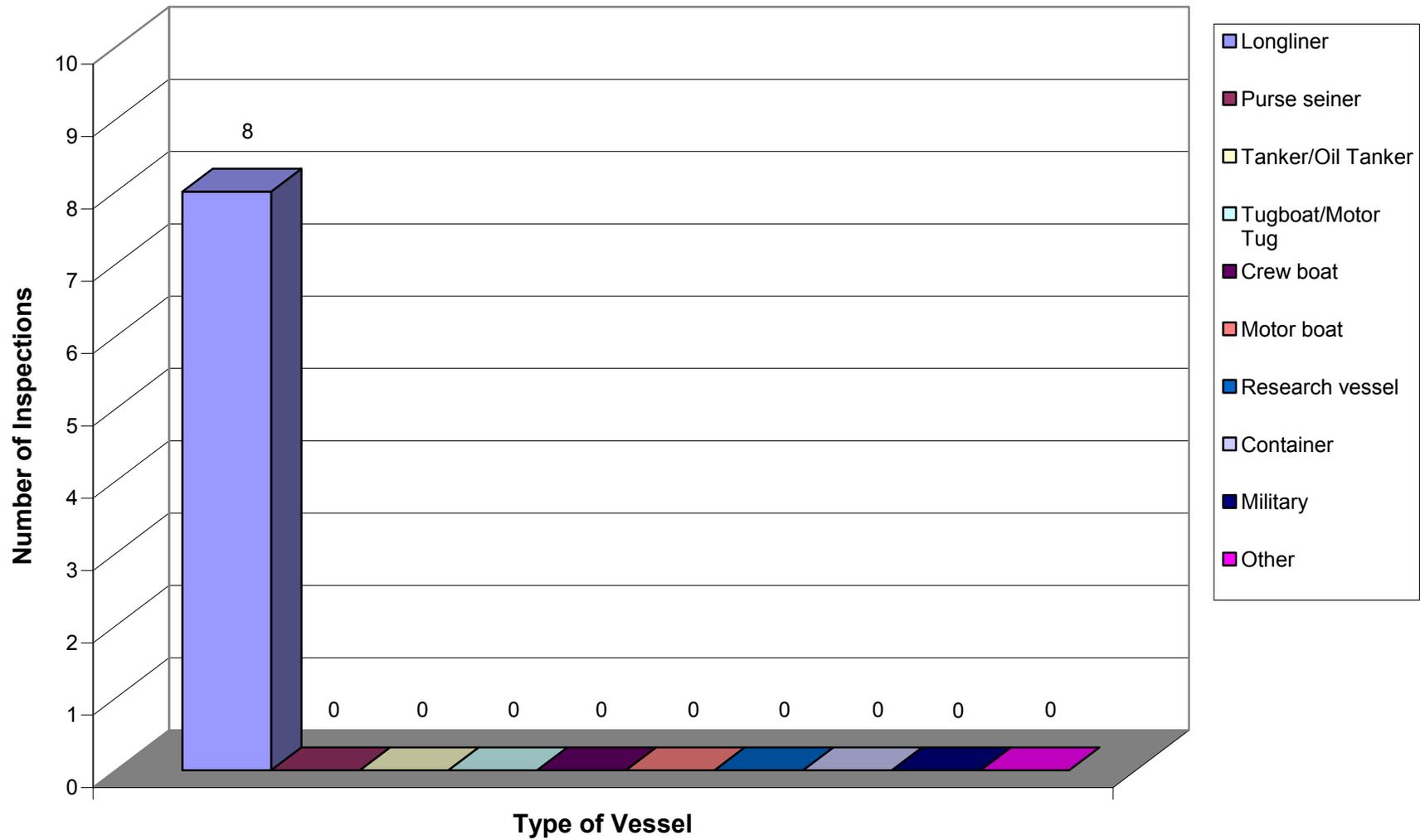


Figure 12. Number of sanitation inspections conducted of sea vessels by the Division of Environmental Health in Fiscal Year 2011.

Fly Control Program

A total of nine complaints were addressed for Fiscal Year 2011 regarding flies. Six were substantiated, and three were unsubstantiated.

Results of FY 2011 Plan of Action

- Other than responding to complaints, there was no other action taken due to other priority programs.

Complaints

A total of 63 village sanitation (animal) complaints were received this fiscal year with fourth quarter having the most complaints at 22, followed by second quarter at 17, third quarter at 13, and first quarter at 11. Added to these complaints were 38 pending complaints that were carried over from Fiscal Year 2010. A total of 75 complaints were closed.

A total of 51 initial inspections were conducted, followed by 24 follow-up inspections. There are 26 complaints that are being carried over from Fiscal Year 2011 to Fiscal Year 2012 that either are pending corrective action or have to be addressed by BAVC staff.

TOTAL COMPLAINT ACTIVITIES							
Quarter	Number Received	Initial Inspection Conducted	F/Up Inspection Conducted	Substantiated	Unsubstantiated	Pending	Closed
1st	11	11	11	5	6	4	7
2nd	17	16	6	11	4	6	11
3rd	13	10	2	4	6	10	3
4th	22	14	5	9	4	12	10
Total	63	51	24	29	20	32	31

Table 22. Village sanitation (animal) complaints received by the Division of Environmental Health in Fiscal Year 2011.

DIVISION OF ENVIRONMENTAL HEALTH ACTIVITIES

All three standing committees were dissolved via Directive 09-013 on February 4, 2009. However, the functions overseen by each committee continue.

Training and Education

The Division of Environmental Health took advantage of some training opportunities during FY 2011, as well as providing various educational presentations to the public.

A. Off-Island Trainings/Conferences

- 5/12-13/11 - National Meeting on Practitioner Use of Prescription Monitoring Program Data, sponsored by the Alliance of States with Prescription Monitoring Programs and Brandeis University, in partnership with the Bureau of Justice Assistance, U.S. Department of Justice, St. Louis, MO. Attended by C. Naval.
- 6/7-9/11 - Seventh National Harold Rogers Prescription Drug Monitoring Program Meeting in Washington, D.C. Attended by M. Nadeau and M. Cruz.

- 09/20-22/11 – Food and Drug Administration Import Radiological Health Training Course, Woburn, MA. Attended by M. Bumagat and J. Mendiola of CQA.

B. In-house, On-Island Trainings and On-Island Presentations

- 12/20/10-5/16/11 K. Duenas and R. Carandang elected to participate in a joint training program, Agreement for Performance of Work (APW), administered and funded by the World Health Organization in coordination with DEH and the University of Guam (UOG). The APW required the participants to enroll as non-degree students by registering and taking 6-10 science courses. For this reporting period, K. Duenas and R. Carandang enrolled in the courses “Introduction to Physical Science,” “Introduction to Marine Biology,” and “Natural History of Guam,” and earned a total of 11 credits.
- 09/8-9/11, 9/13-14/11, 9/21-22/11 - 6th Annual GFSEM Training: Guam Food Code, at Marriott Hotel and Resort, in Tumon. Conducted by R. Carandang, R. Rabago, M. Bumagat, F. Epres, J. Dizon, and C. Naval.

Rules and Regulations

Updated rules and regulations for Sanitary Permits, including a fee increase, were passed on May 2, 2011, and signed into law as Public Law 31- 41 on May 16, 2011. Changes to the rules and regulations for Controlled Substances Registrations took effect on May 16, 2011; these changes were made pursuant to the Administrative Adjudication Law. Also in May of 2011, Public Law 31-70 was signed into law by Governor Calvo. This law established the rules and regulations of DPHSS relative to child care facilities and group child care homes. The draft “Guam Food Code” was introduced as legislation in September 2011, in the form of Bill 307-31, “An act to establish the Administrative Rules and Regulations of the Department of Public Health & Social Services relative to the Guam Food Code, under a new Article 4A- Guam Food Code, of Chapter 4- Public Health and Sanitation, Division 1, Title 26, Guam Administrative Rules and Regulations, as provided pursuant to a new §23101.1 added to Chapter 23, Part 1, Division 2, Title 10, Guam Code Annotated.”

Policy and Procedures

Thirteen directives were issued that formulated policies and procedures to improve the operations of the Division in FY 2011. These directives included:

- Policy on entry into the Processing Center Section work area;
- Policy on formats for correspondence;
- Policy on adoption of the new DEH logo;
- Policy on Division keys; and
- Informational directives announcing staff assignments.

V. TRENDS

BUDGET APPROPRIATION

The General Fund appropriations to the Division of Environmental Health from FY 2004 to FY 2011 reflect the unpredictable funding of the Division (**Figure 13**). With every increase in appropriation, there was a decrease in funding the succeeding year, regardless of the staffing level. Funding for FY 2010 (\$501,436) was one of the lowest appropriation amounts to DEH. Lapses at the end of every fiscal year are due primarily to the Division's inability to recruit personnel. A similar pattern of appropriation was seen in the Environmental Health (EH) Fund as \$322,000 was appropriated in FY 2004 and FY 2005 before decreasing to nearly \$234,000 in FY 2006 (**Figure 14**). Although expenditures from GF decreased steadily from FY 2004 to FY 2007, they rose again in FY 2008 and FY 2009. The opposite occurred for the EH Fund through FY 2009 (**Figure 16**). The differing trends in expenditures showed the Division's increased reliance on the EH Fund for its operation. In FY 2008 through FY 2011, the appropriation amount from EH Fund surpassed that of the GF. **In FY 2009, due to transfers of funds out of the GF to other divisions, the expenditures surpassed the remaining appropriation and had to be paid from carryover EHF funds.**

Figure 15 shows the revenues generated, appropriations, and expenditures of the Environmental Health Fund. The figure shows the gap between revenues and appropriations; that gap is most clearly evident in FY2006, when the EHF generated over \$400,000 more than what was appropriated. Due to the recurring restrictions placed on the EHF by the Bureau of Budget and Management Research, the full appropriated amounts were not always available to the Division. For the first time, in FY2011, appropriations exceeded revenues for that year, drawing upon revenues from past years to fund the division's operations.

ACCOMPLISHMENTS

Processing Center Section

In the past eight years, DEH issued a yearly average of 3,064 Sanitary Permits (**Figure 17**); 29,398 Health Certificates (**Figure 18**); 164 Deratting Certificates (**Figure 19**); and 266 Controlled Substances Registrations (**Figure 20**). The amounts of revenues generated were directly correlated to the number of permits or certificates issued; more issuances meant more monies deposited into the EH Fund. This was evident for Deratting Certificates and the Sanitary Permits until FY 2007. The inconsistency of the Sanitary Permit for this fiscal year was likely due to the increased number of applicants requesting expedited processing and follow-up pre-operation inspections, which added additional funds into the coffer, but not to the number of permits. Similar anomalies were observed for Health Certificates and the Controlled Substances Registrations (CSR). Less money was collected in FY 2005 from the issuance of Health Certificates when compared to the previous year even though more certificates were issued, and more money was collected in FY 2004 for CSR even though fewer registrations were released that year compared to the following two years. There was a loss of data in FY 2004; if this had not happened, the count of certificates issued may have been closer to that of FY 2005. Correlation between Health Certificates issued and revenues improved in FY 2006 through FY2009, but not that of Controlled Substance Registrations, where, in FY 2007, five fewer were issued, but \$5,000 more collected. There were fewer fee-exempt physicians registered in FY 2007, and more new registrations, which have higher fees than renewal registrations; these may

APPROPRIATIONS AND EXPENDITURES, GENERAL FUND: FY'04 - FY'11



Figure 13. General Fund appropriations and expenditures of the Division of Environmental Health, FY'04 – FY'11.

APPROPRIATIONS AND EXPENDITURES, ENVIRONMENTAL HEALTH FUND: FY'04 - FY'11



Figure 14. Environmental Health Fund appropriations and expenditures of the Division of Environmental Health, FY'04 – FY'11.

**REVENUES, APPROPRIATIONS, AND EXPENDITURES, ENVIRONMENTAL HEALTH FUND:
FY'04 - FY11**

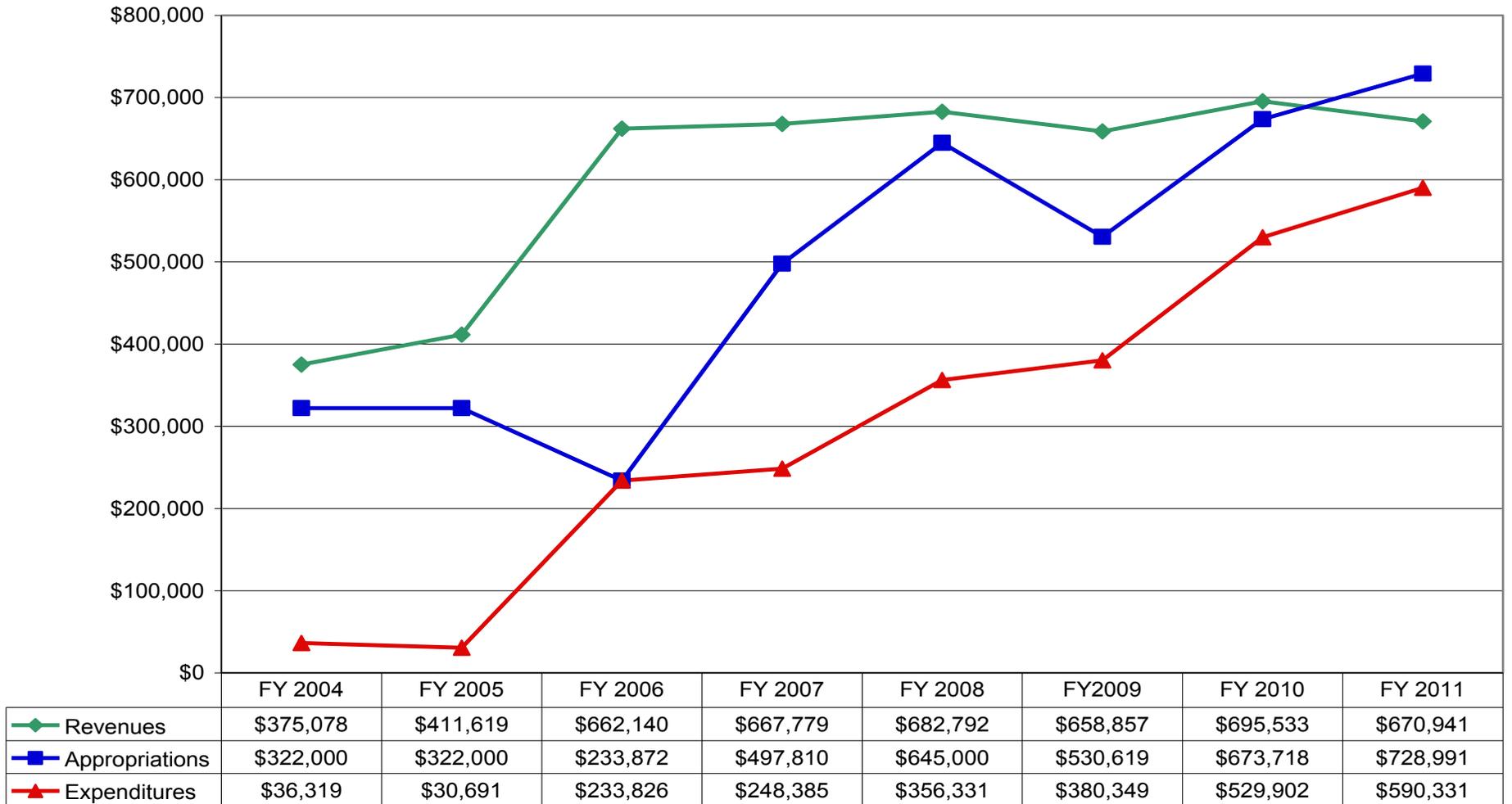
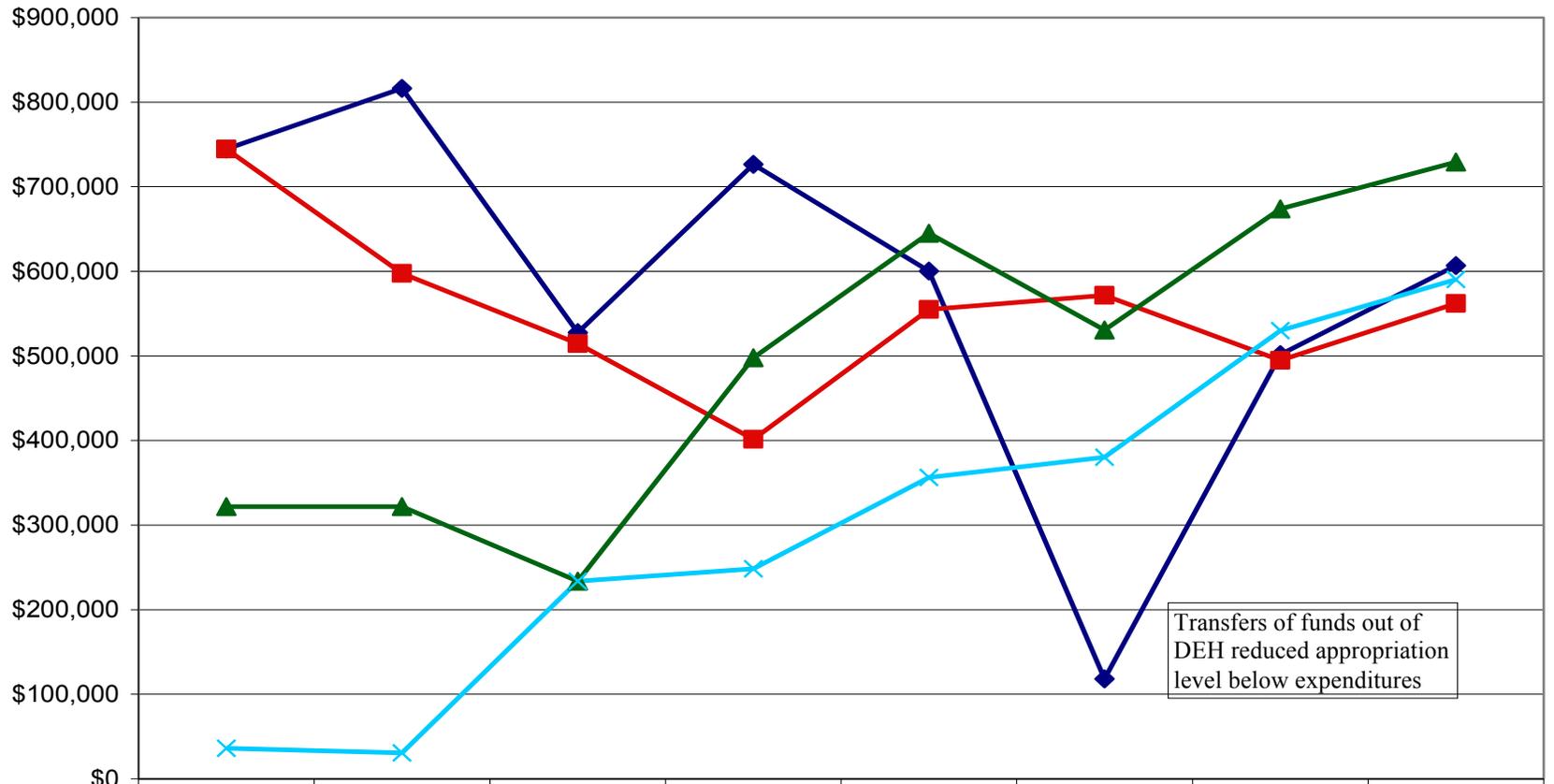


Figure 15. Environmental Health Fund revenues, appropriations and expenditures of the Division of Environmental Health, FY'04 – FY'11.

APPROPRIATIONS AND EXPENDITURES BY FUNDING SOURCE: FY'04 - FY'11



Transfers of funds out of DEH reduced appropriation level below expenditures

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
GF Appropriations	\$744,413	\$816,186	\$527,505	\$726,412	\$600,495	\$118,063	\$501,435	\$606,942
GF Expenditures	\$744,413	\$597,731	\$514,486	\$401,618	\$554,830	\$571,754	\$494,726	\$562,192
EHF Appropriations	\$322,000	\$322,000	\$233,872	\$497,810	\$645,000	\$530,619	\$673,718	\$728,991
EHF Expenditures	\$36,319	\$30,691	\$233,826	\$248,385	\$356,331	\$380,349	\$529,902	\$590,331

Figure 16. Appropriations and expenditures from all appropriated funding sources of the Division of Environmental Health, FY'04 – FY'11.

SANITARY PERMITS ISSUED: FY'04 - FY'11



Figure 17. Sanitary Permits issued and revenues generated by the Division of Environmental Health, FY'04 – FY'11.

HEALTH CERTIFICATES ISSUED: FY'04 - FY'11



Figure 18. Health Certificates issued and revenues generated by the Division of Environmental Health, FY'04 – FY'11.

DERATTING CERTIFICATES ISSUED: FY'04 - FY'11

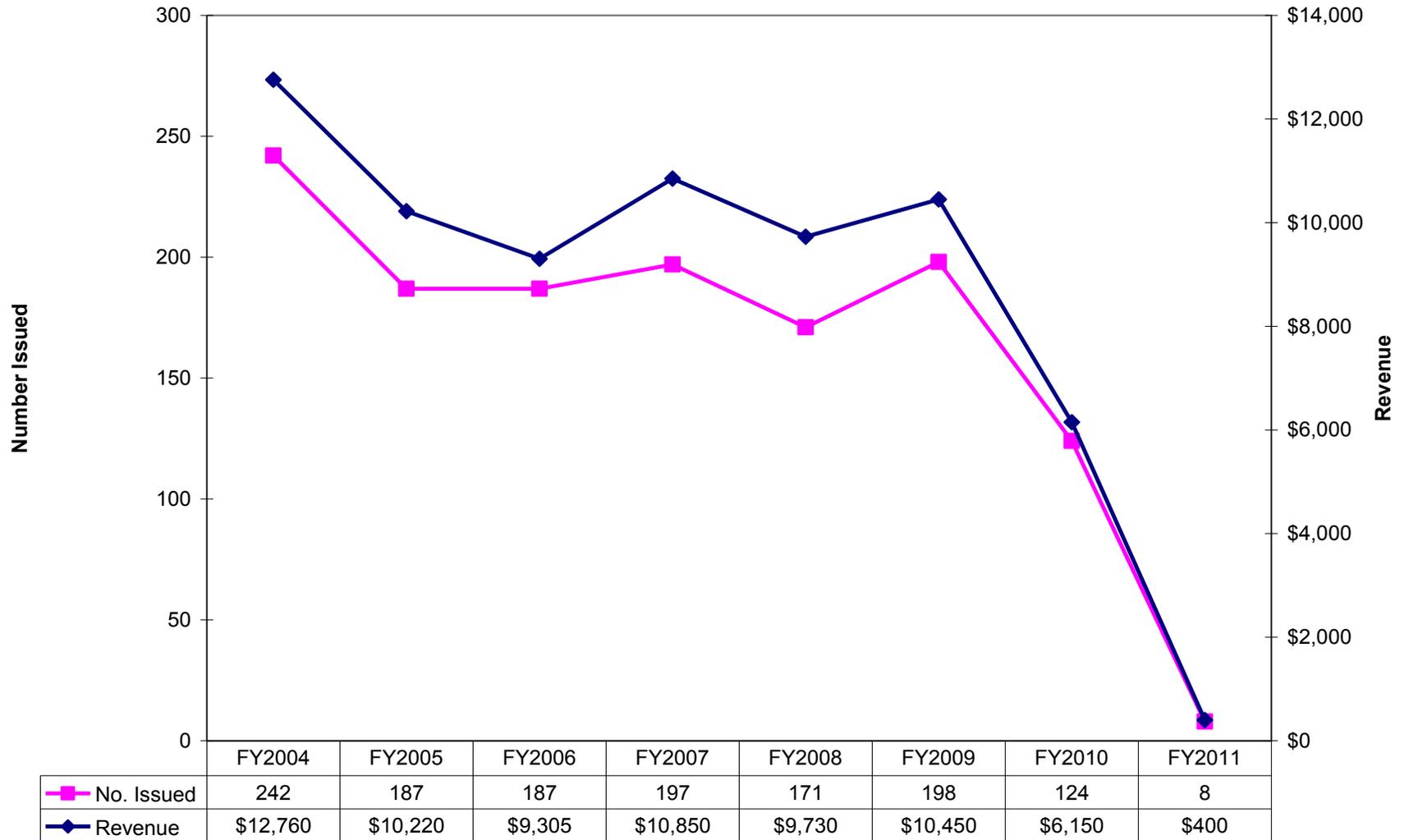


Figure 19. Deratting Certificates issued and revenues generated by the Division of Environmental Health, FY'04 – FY'11.

CONTROLLED SUBSTANCES REGISTRATIONS: FY'04 - FY'11

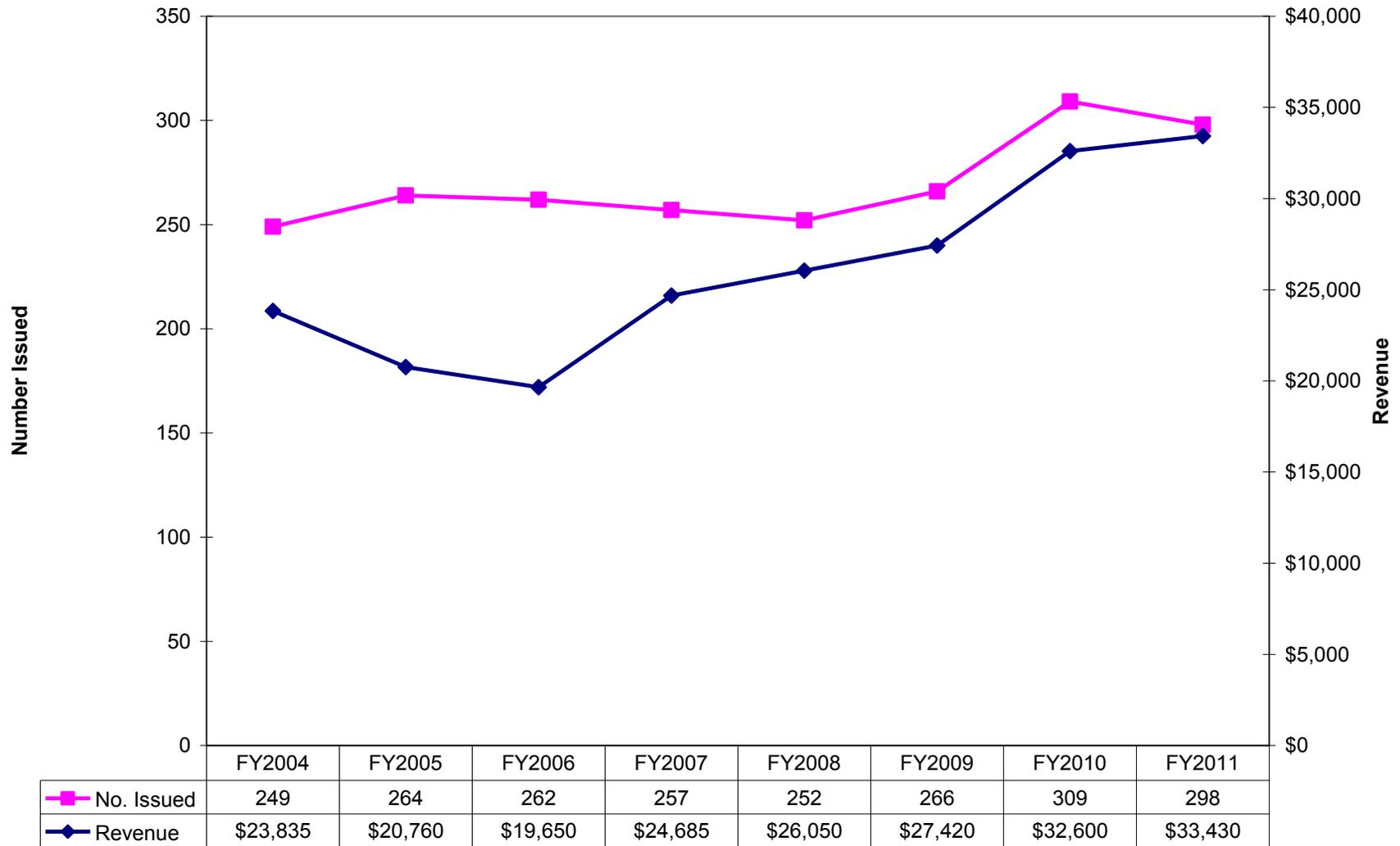


Figure 20. Controlled Substances Registrations issued and revenues generated by the Division of Environmental Health, FY'04 – FY'11.

have contributed to the greater amount collected in fees in FY 2007. In FY 2009 and FY 2010, both the number of registrations and the amount collected in fees increased.

Plans and Specifications

The number of pre-operation inspections remained steady between 540 and 630 from FY 2004 to FY 2006, and then increased to 767 in FY 2007 before dropping to 515 in FY 2009, while business clearances decreased every year by about 100 during the same period. There was a slight increase in business clearances in FY 2008 and again in FY 2009. Plan review numbers changed very little from year to year, averaging 40 reviews a year, until FY 2008, when they jumped to 407 because of the addition of floor plan reviews, and continued that increase in FY 2009 and FY 2010. The most dramatic change in numbers was for consultations from FY 2004 to FY 2005, which increased from 312 to 1,114 to reflect a 350% increase. The following year, the number of consultations remained at just over 1,000 and then increased another 85% between FY 2006 and FY 2007, before falling 37% in FY 2008, and a further 17% in FY 2009. The initial jump may have occurred because of the announcement of the military buildup, then fallen off due to delays in the buildup schedule. Phone inquiries, which began being tracked in FY 2009, more than doubled in FY 2010, then dropped slightly in FY 2011. The graphical accomplishment trends for Plans and Specifications are presented in **Figure 21**.

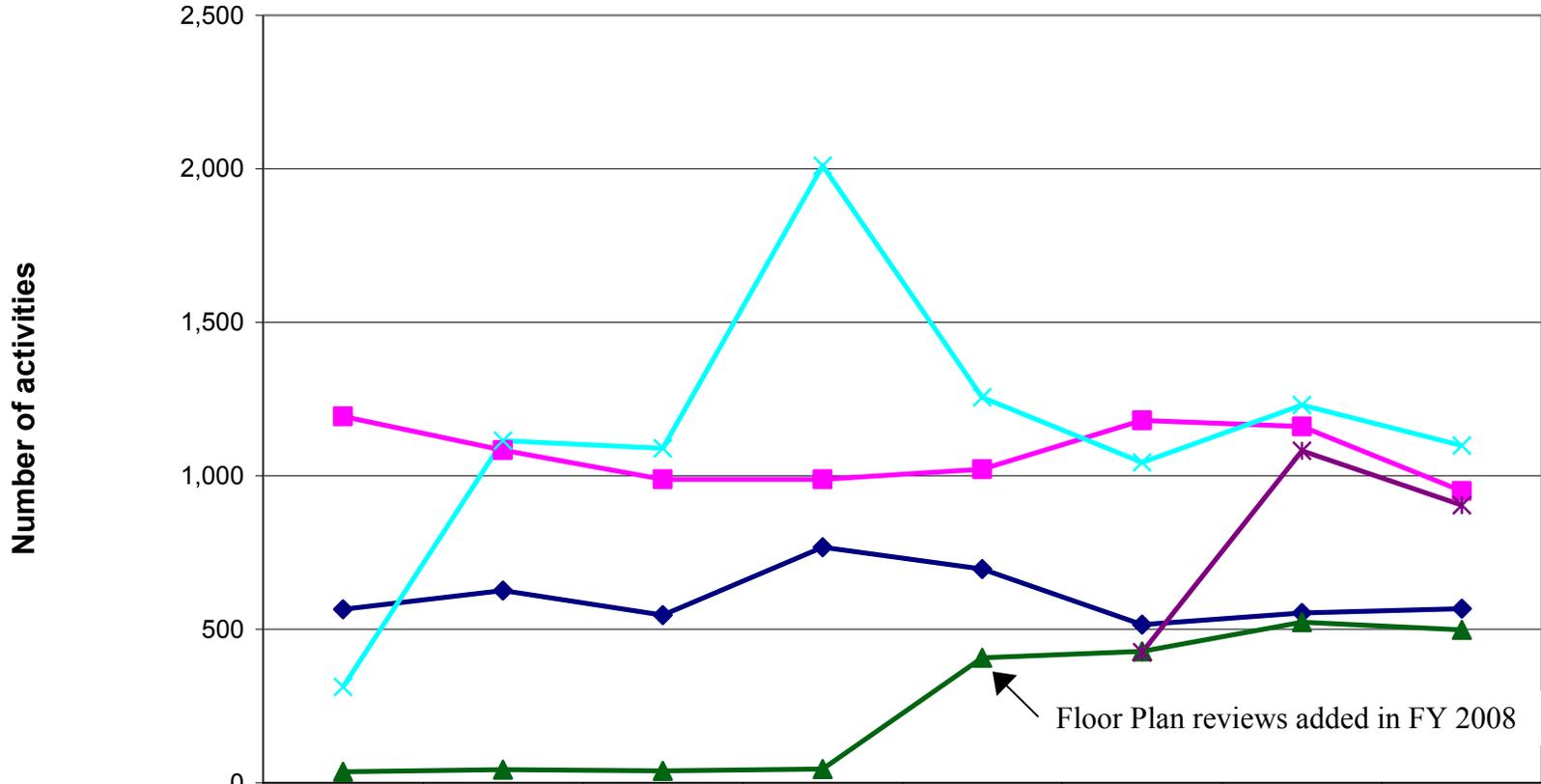
Health-Regulated Establishments

The greater number of inspections conducted of food-related establishments and institutional facilities, compared to other regulated establishments, during FY2004 to FY2011 reflected the priorities of the Bureau of Inspection and Enforcement (**Figure 22**). The sudden and continued increase in the number of inspections of institutional facilities during the 4-year period was directly attributed to the Division's commitment to inspect school buildings and childcare facilities. Facilities in other categories were inspected significantly fewer times every year. The loss of three staff from BIE was directly reflected in the steep decreases in inspections conducted in FY 2007, which continued through FY 2009, with a slight increase in total inspections in FY 2010 and FY 2011.

Consumer Commodity Detentions

With the exception of food, the detentions of all consumer commodities have decreased every successive year from FY 2004 to FY 2006. Detainment of commodities is determined by officers of the Guam Customs and Quarantine Agency; changes in the number of detentions may be a reflection of their workload. Although the number of food detentions did decrease from FY 2004 to FY 2005, it increased in FY 2006, only to fall again in FY 2007 (**Figure 23**). Detentions of all kinds either rose or stayed constant in FY 2008, but food and drug detentions dropped in FY 2009. Detentions for cosmetics, medical devices, and hazardous substances all rose in FY 2009 and, with the exception of hazardous substances, again in FY 2010.

ONE STOP CENTER ACTIVITIES: FY'04 - FY'11



	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
◆ Pre-operation inspections	565	626	546	767	696	515	553	567
■ Business Clearance	1,193	1,083	988	988	1,021	1,180	1,160	950
▲ Plan Review	36	43	39	45	407	428	523	498
✕ Consultations	312	1,114	1,089	2,010	1,256	1,043	1,230	1,098
✱ Phone Inquiry	-	-	-	-	-	425	1,081	904

Figure 21. One-Stop Center activities of the Division of Environmental Health, FY'04 – FY'11.

INSPECTIONS BY CATEGORY, ALL TYPES: FY'04 - FY'11

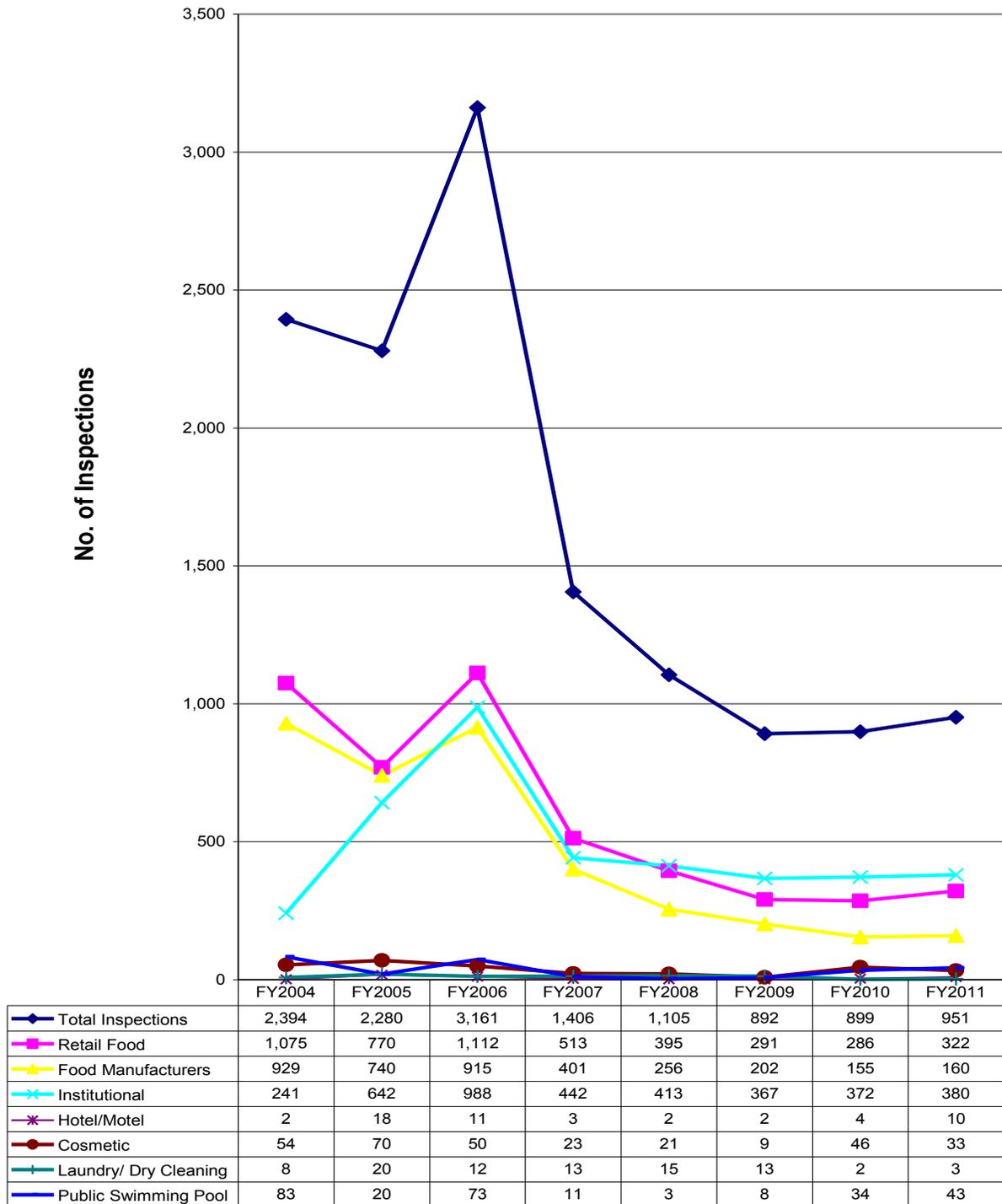


Figure 22. Inspections of regulated establishments by the Division of Environmental Health, by category, FY'04 – FY'11.

DETAINMENTS BY TYPE: FY'04 - FY'11

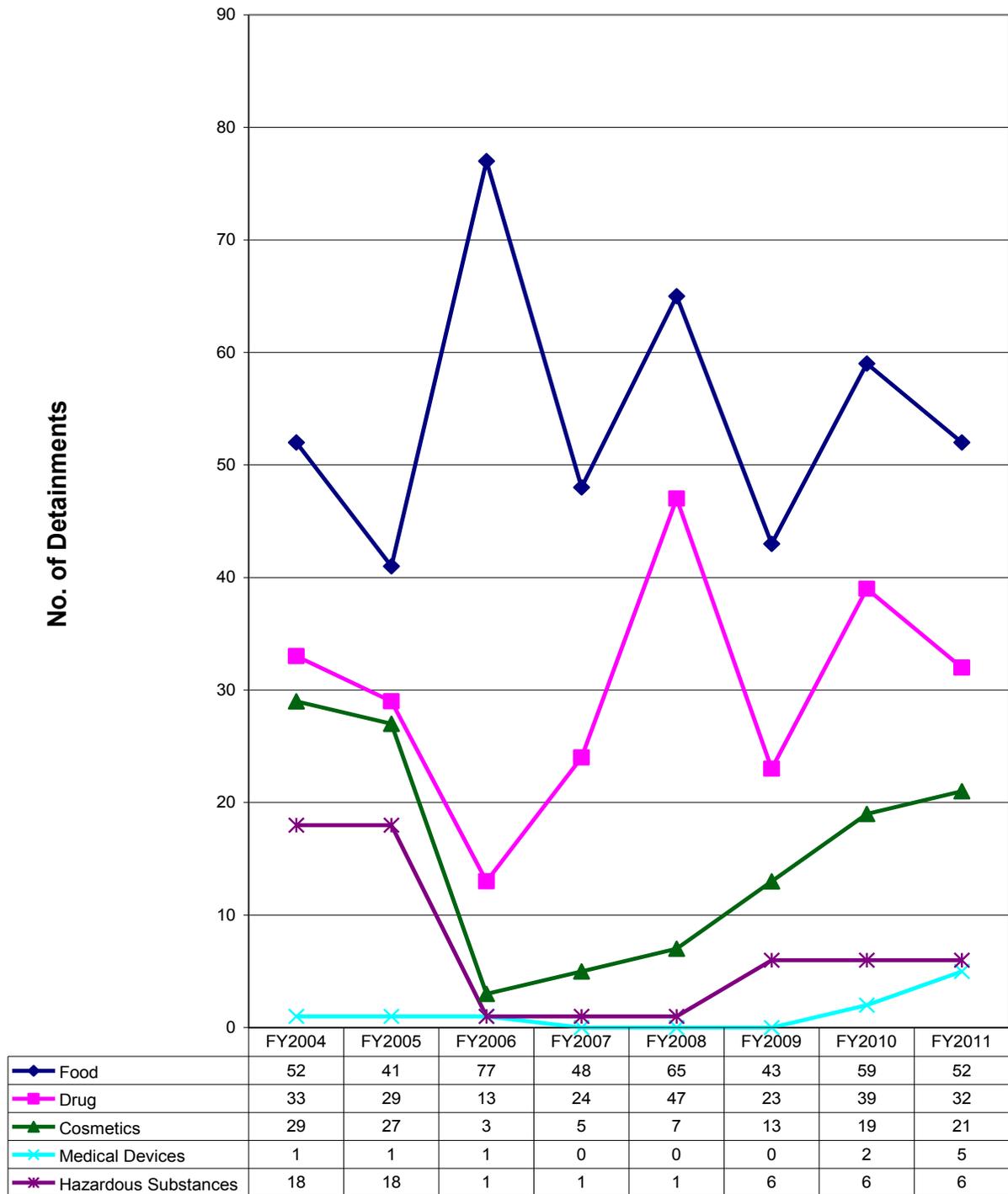


Figure 23. Detainments of consumer commodities by type by the Division of Environmental Health, FY'04 – FY'11.

BIE Inspections

In the last six years, from FY 2004 to FY 2009, the Bureau of Inspection and Enforcement (BIE) had an average of 3.8 full-time equivalent field personnel assigned to the bureau (**Figure 24**). Over that period, the bureau averaged 1,873 sanitation inspections a year with the highest number occurring in FY 2006 with 3,161 inspections. Although BIE was able to complete over 2,000 inspections a year from FY 2004 to FY 2006, the bureau conducted only 1,406 sanitation inspections in FY 2007, 1,105 in FY 2008, and 892 in FY 2009, which is less than half of those done in previous years. This can be directly attributed to availability of trained personnel to conduct sanitation inspections and the transfer of veteran staff to other programs of the Division. These data were reviewed in early 2009, and the number of field FTE revised to the current numbers shown below. While BIE was able to recruit three additional personnel in FY 2009, these staff must complete training before they can conduct independent inspections. The numbers of inspections conducted increased slightly in FY 2011, despite fewer FTEs.

Plans & Specifications Inspections

The number of pre-operation inspections conducted each year by the staff of the Plans and Specifications section fluctuates more from the effects of a changing economy than from changes in staffing (**Figure 25**). Regardless of the number of staff, all pre-operation inspections must be done. With the anticipated military build-up in the coming years, the Division is expecting the number to keep increasing as more pre-operation inspections will be conducted for the opening of new regulated facilities.

INSPECTIONS BY FIELD FTE: BIE, FY'04 - FY'11

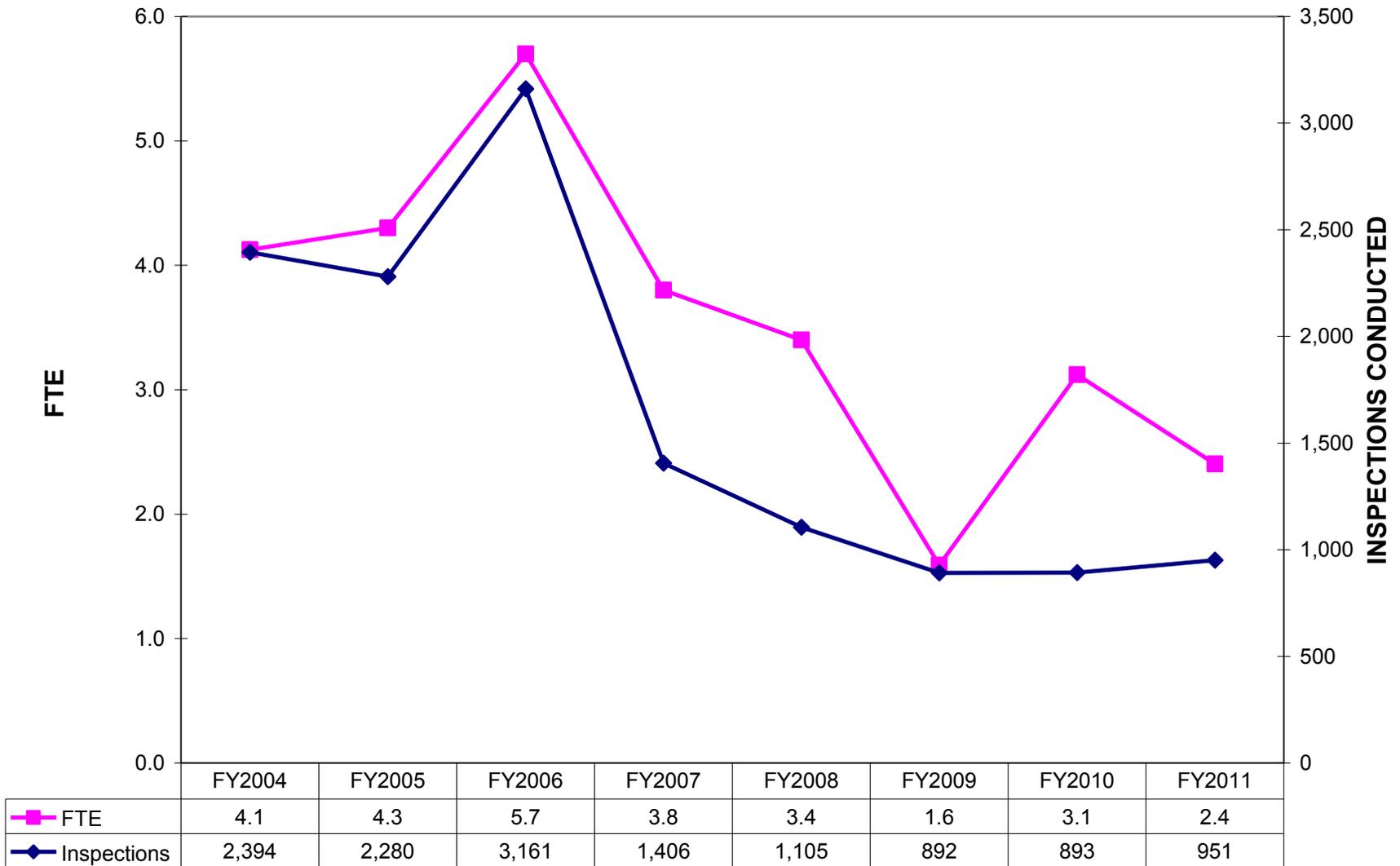


Figure 24. BIE inspections by field Full-Time Equivalents (FTE) of the Division of Environmental Health, FY'04 – FY'11.

INSPECTIONS BY FIELD FTE: PLANS & SPECS, FY'04 - FY'11



Figure 25. Plans & Specifications inspections by field Full-Time Equivalents (FTE) of the Division of Environmental Health, FY'04 – FY'11.