



Annual Safety Mishap Report FY - 2003



NAVAL AIR WARFARE CENTER
AIRCRAFT DIVISION
NAVAL AIR ENGINEERING STATION
LAKEHURST, NJ

SAFETY & OCCUPATIONAL HEALTH DEPARTMENT

Purpose of Report

Mishaps that result in damage to Navy facilities and equipment, or more importantly in occupational injuries, illnesses or deaths to personnel, degrade operational readiness and increase operational costs. Investigation of such mishaps to identify causes and preventive actions, as well as accurate recordkeeping of the events, are essential elements of our NAVOSH Program.

The primary purpose of mishap investigation is to prevent similar occurrences, to discover potential hazards, and to improve the safety of NAWCAD operations. The intent is not to place blame, but to determine the root cause of the mishap, clarify and support preventive efforts, and reduce error. The emphasis is on discovering all the causes from which practical corrective actions can be derived. It is the policy of our Command to report and investigation all mishaps, regardless of how minor.

All mishap records in this report are based on the outcome of local mishap investigations and recorded/reported per the requirements of OPNAVINST 5100.23F, "Navy Occupational Safety and Health (NAVOSH) Program Manual". The areas within the scope of this report are on-duty operational mishaps (injuries, illnesses, and property damage), excluding fire and aircraft mishaps which are recorded and reported separately.

This report contains an update on the types and numbers of mishaps that have occurred at NAES Lakehurst during Fiscal Year 2003. Some charts include a representation of our previous mishap history to demonstrate trends. The data in this report is used as a tool to develop our future mishap prevention goals and program areas to be emphasized.



CORE VALUES

Our Core Values are:

- **Preserving Safety, health and the environment**
 - **Ethical behavior**
 - **Valuing people**

FUNDAMENTAL BELIEFS

Our fundamental safety beliefs are:

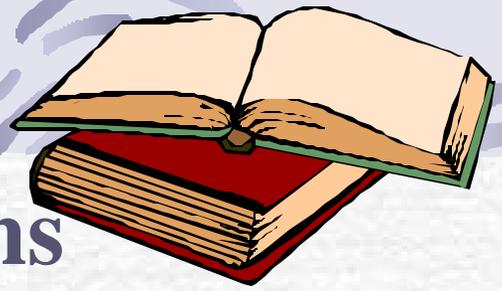
- **Safety is a core business and personal value**
- **Safety is a source of our competitive advantage**

We will strengthen our business by making safety excellence an integral part of all flight and ground activities

- **We believe that all accidents and incidents are preventable**
- **All levels of line management are accountable for our safety performance, starting with the Commanding Officer and Chief Engineer**

Top Management Commitment

- **Safety excellence will be a component of our mission**
- **Senior leaders will hold line management and all employees accountable for safety performance**
- **Senior leaders and line management will demonstrate their continual commitment to safety**



Key Terms

Frequency Rate - A calculation that represents the number of injury accidents per 100 full-time employees.

Severity Rate - The calculation that represents the number of days a worker cannot work as a result of an accident per 100 full-time employees.

$$\text{Rates are calculated at } \frac{N \times 200,000 \text{ hrs}}{EH}$$

N = Number of accidents or lost workdays

EH = Total hours worked by Station employees during the year.

200,000 hrs = Base for 100 full-time employees working 40 hrs/wk, 50 wks/yr

Lost Workday Case (LWDC) - Any impairment resulting from an occupational accident or disease which prevents personnel from performing a full work-shift subsequent to the day of the injury or onset of illness.

Lost Time Case (LT) - A non-fatal traumatic injury that causes any loss of time from work beyond the day or shift it occurred, or a non-fatal non-traumatic illness or disease that causes disability at any time.

No Lost Time Case (NLT) - A non-fatal traumatic injury or occupational illness or disease in which no lost time from work occurs but medical costs are incurred.

First Aid (FA) - A first aid case is a specific type of no lost time case that requires one or more visits to a medical facility for examination and treatment beyond the date of injury but does not incur medical expense and no leave or continuation of pay (COP) is charged to the employee.

Significant Threshold Shift (STS) - Hearing loss of 15dB or greater in any frequency 1000 to 4000 Hz in either ear. STS hearing loss deemed as "permanent" by an Audiologist became recordable mishaps in FY00.

ANNUAL REPORT OF NAVY CIVILIAN OCCUPATIONAL INJURIES AND ILLNESSES

A. UIC 68335
 (List all UICs included on this report with ISIC first)
 address of activity)

C. Naval Air Engineering Station
 (Complete mailing

D. Lakehurst, New Jersey 08733-5027
 (City, State, Zip)

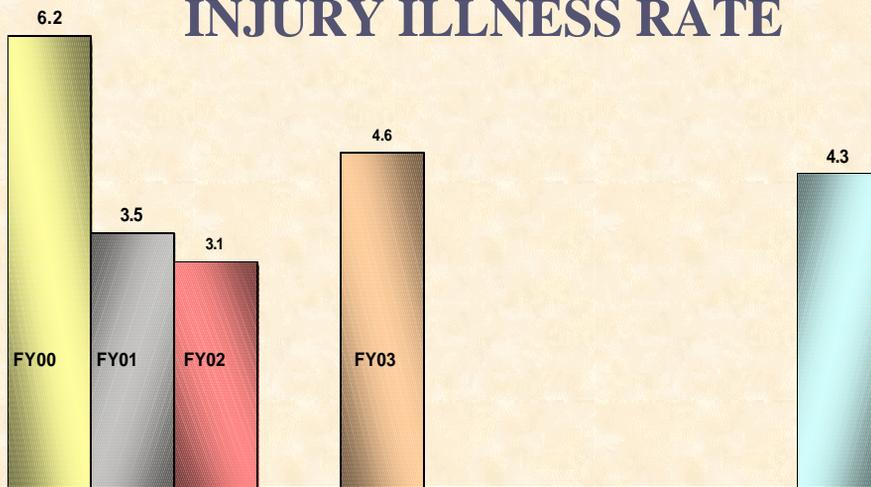
B. Reporting Period 09 30 03
 Month Day Year

E. NAVAIRSYSCOM
 (Immediate Superior in Command)

F. 10/15/02
 (Date Prepared)

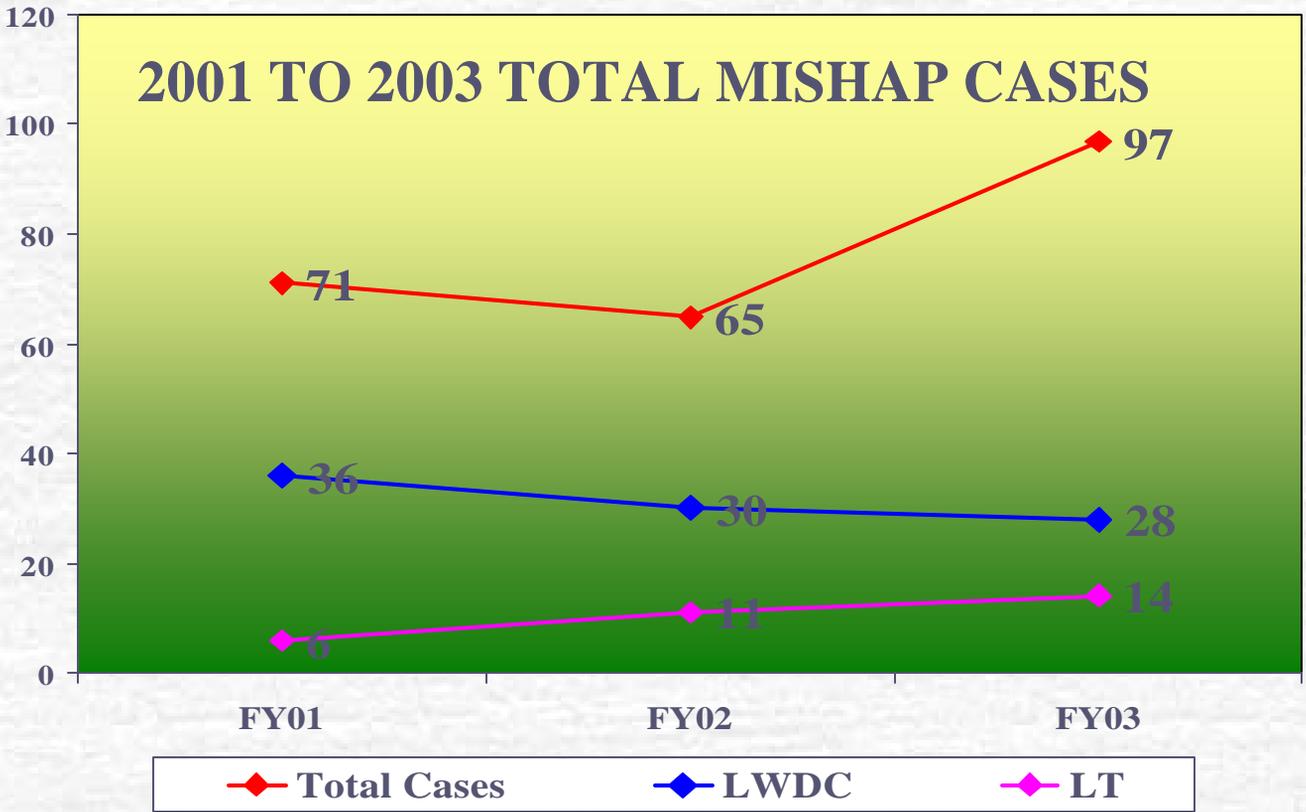
CODE	INJURY AND ILLNESS CATEGORY	TOTAL CASES (1)	DEATHS (2)	LOST TIME CASES (3)	NO LOST TIME CASES (4)	FIRST AID CASES (5)
10	Occupational Injuries	75	0	41	19	15
	Occupational Illnesses					
21	Occupational skin diseases or disorders	0	0	0	0	0
22	Dust diseases of the lungs (pneumoniosis)	0	0	0	0	0
23	Respiratory conditions due to toxic agents	1	0	1	0	0
24	Poisoning (systemic effects of toxic materials)	0	0	0	0	0
25	Disorders due to physical agents (other than toxic materials)	0	0	0	0	0
26	Disorders due to repeated trauma	19	0	0	19	0
29	All other occupational illnesses	2	0	0	2	0
	TOTAL CIVILIAN OCCUPATIONAL INJURIES AND ILLNESS					
30	Total occupational illnesses (21-29)	22	0	1	21	0
31	Total occupational injuries and illnesses (10 + 30)	97	0	42	40	15
40	Total hours worked by personnel (This report period)	3,812,931				
50	Average number of personnel (This reporting period)	1,722				

INJURY ILLNESS RATE

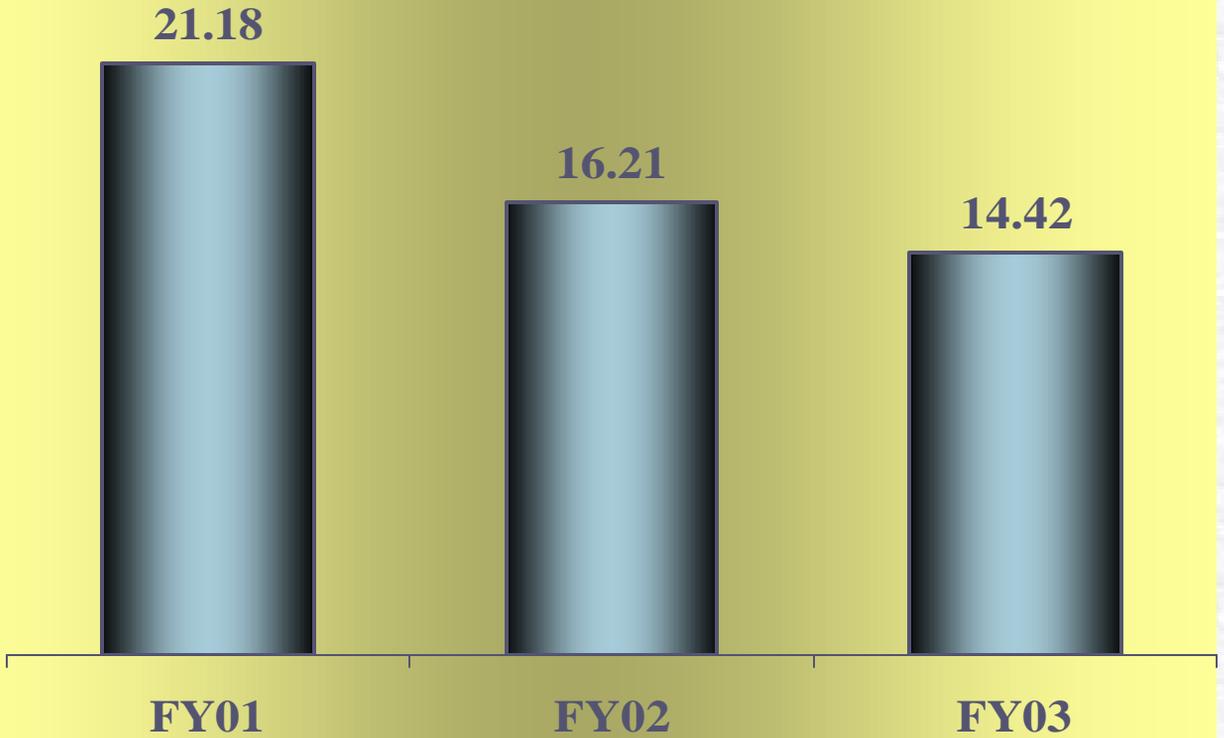


	IIR	IIR AVERAGE FOR FY00-FY02
FY-00	6.2	
FY-01	3.5	
FY-02	3.1	
FY-00-FY-02		4.3
FY-03	4.6	

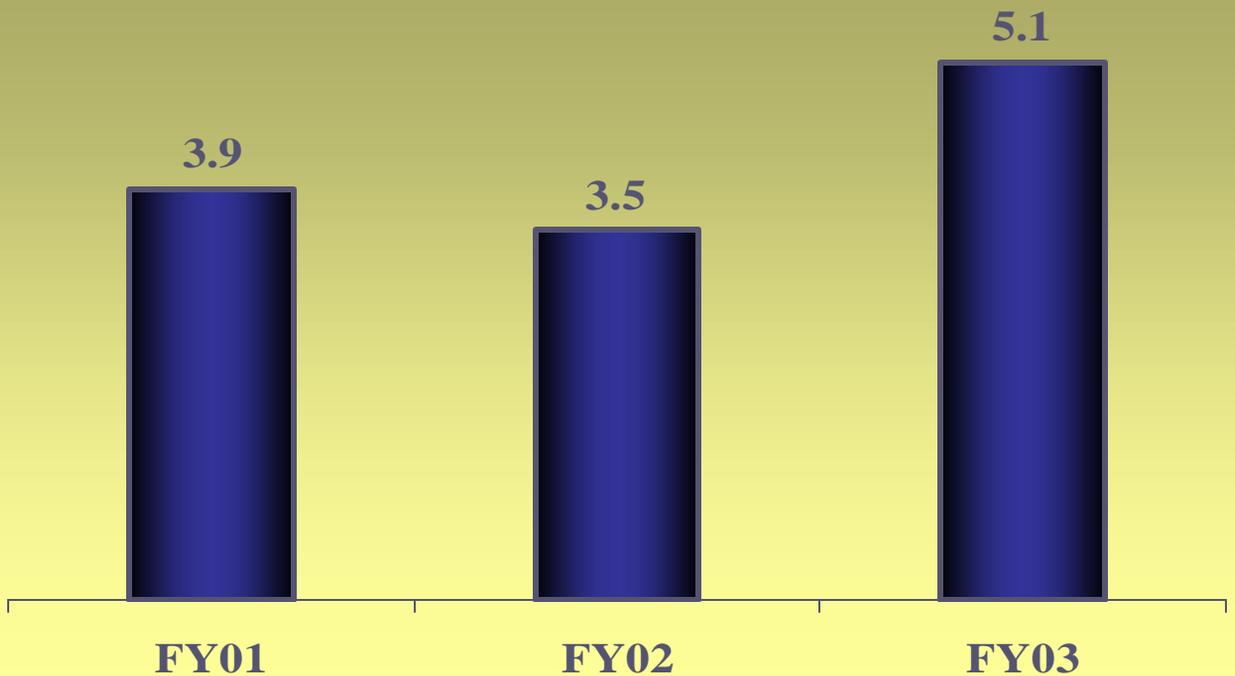
2001 TO 2003 TOTAL MISHAP CASES



SEVERITY RATE VS YEARS

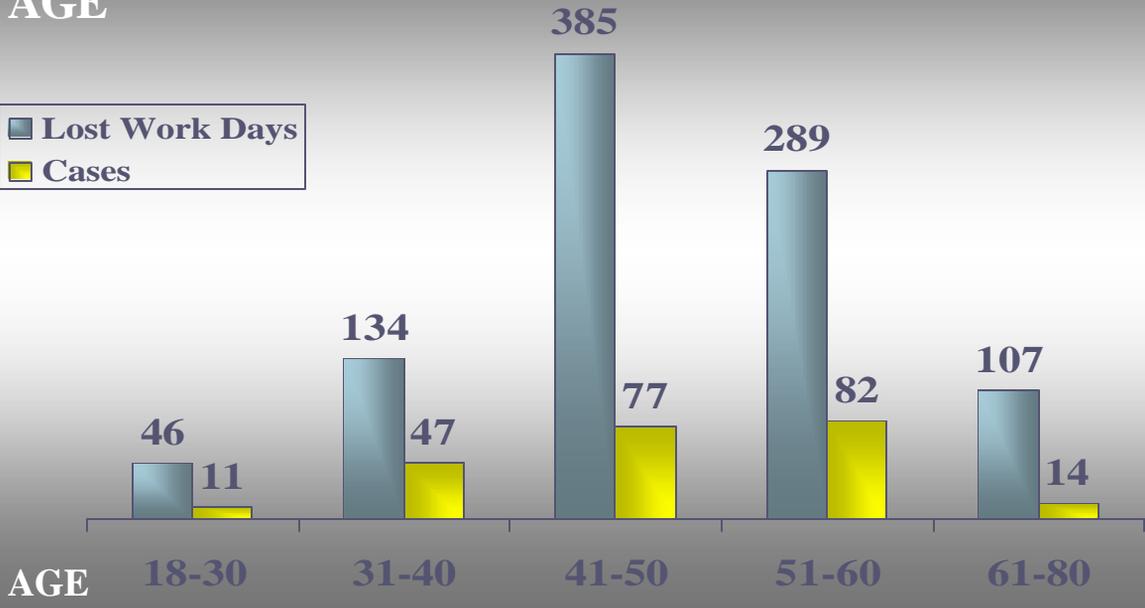


FREQUENCY RATE VS YEARS



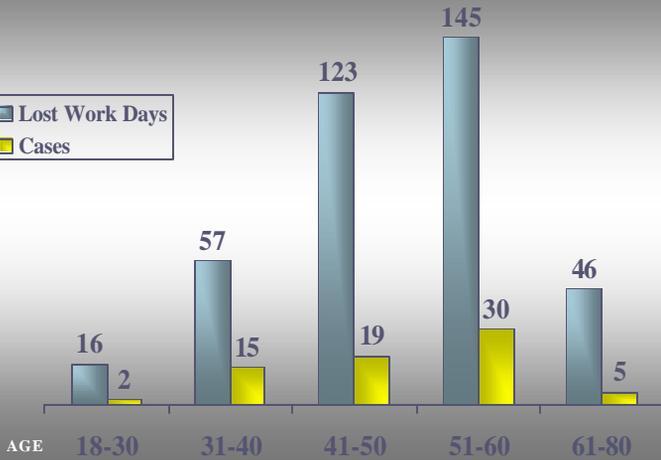
2001 to 2003 LOST WORK DAYS VS CASES BY AGE

■ Lost Work Days
■ Cases



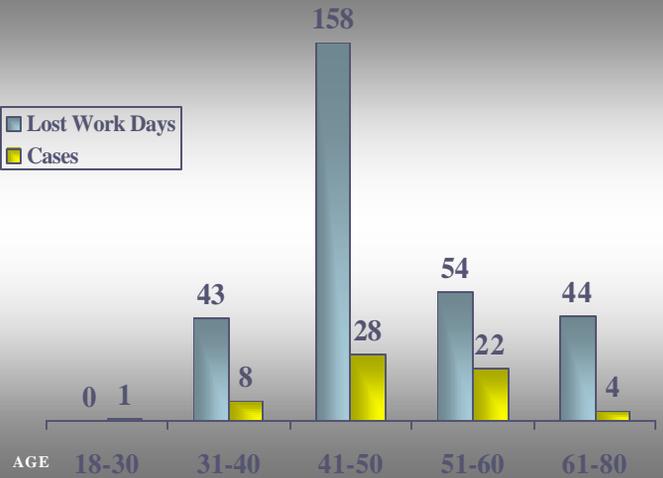
2001 LOST WORK DAYS VS CASES BY AGE

■ Lost Work Days
■ Cases



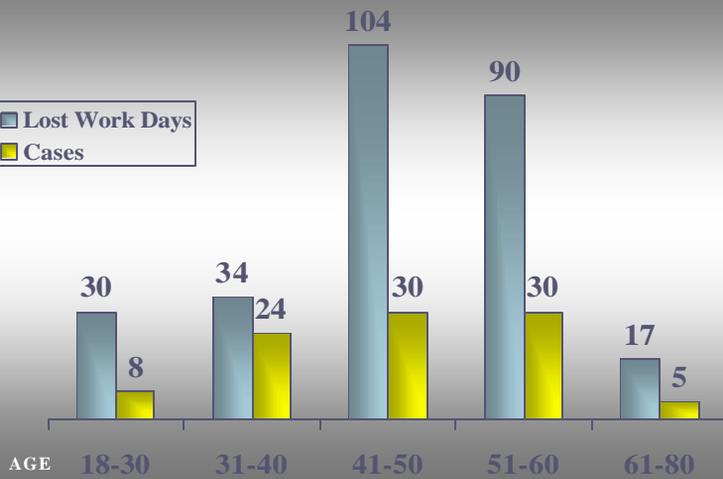
2002 LOST WORK DAYS VS CASES BY AGE

■ Lost Work Days
■ Cases

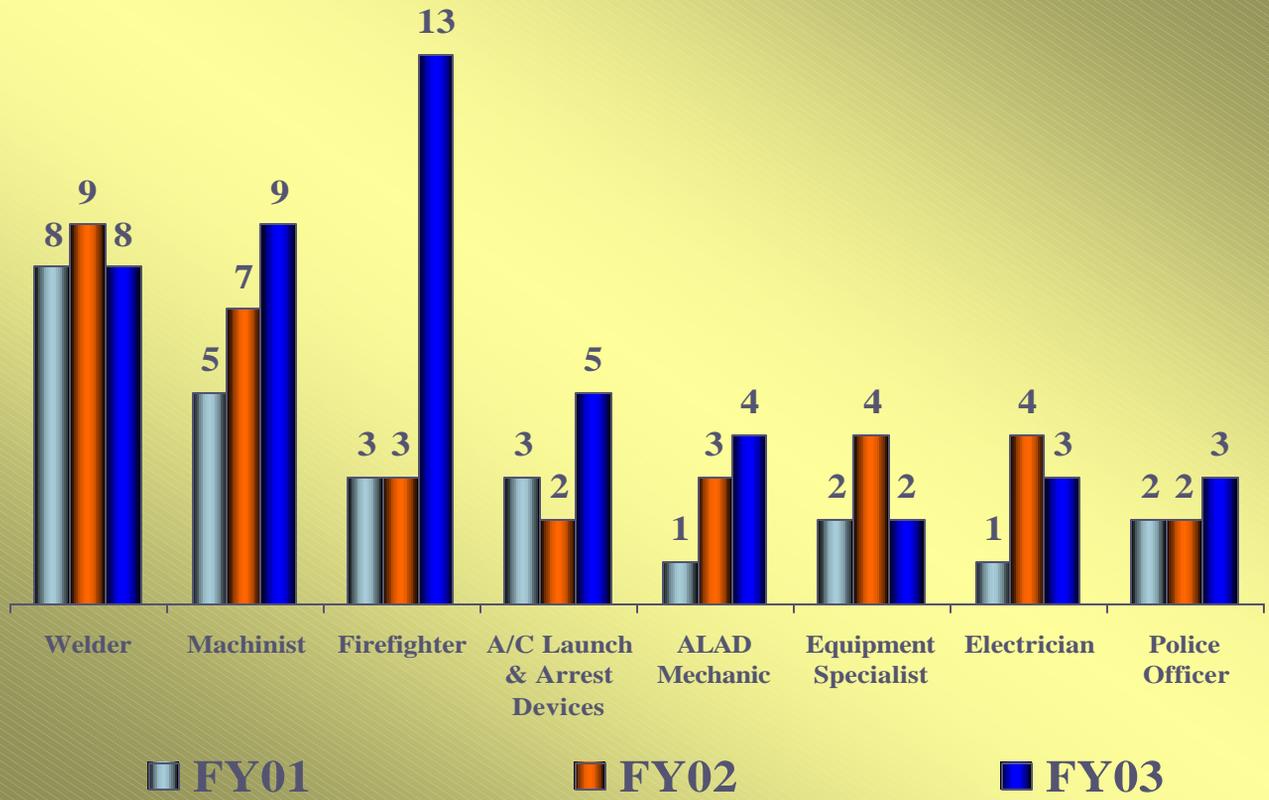


2003 LOST WORK DAYS VS CASES BY AGE

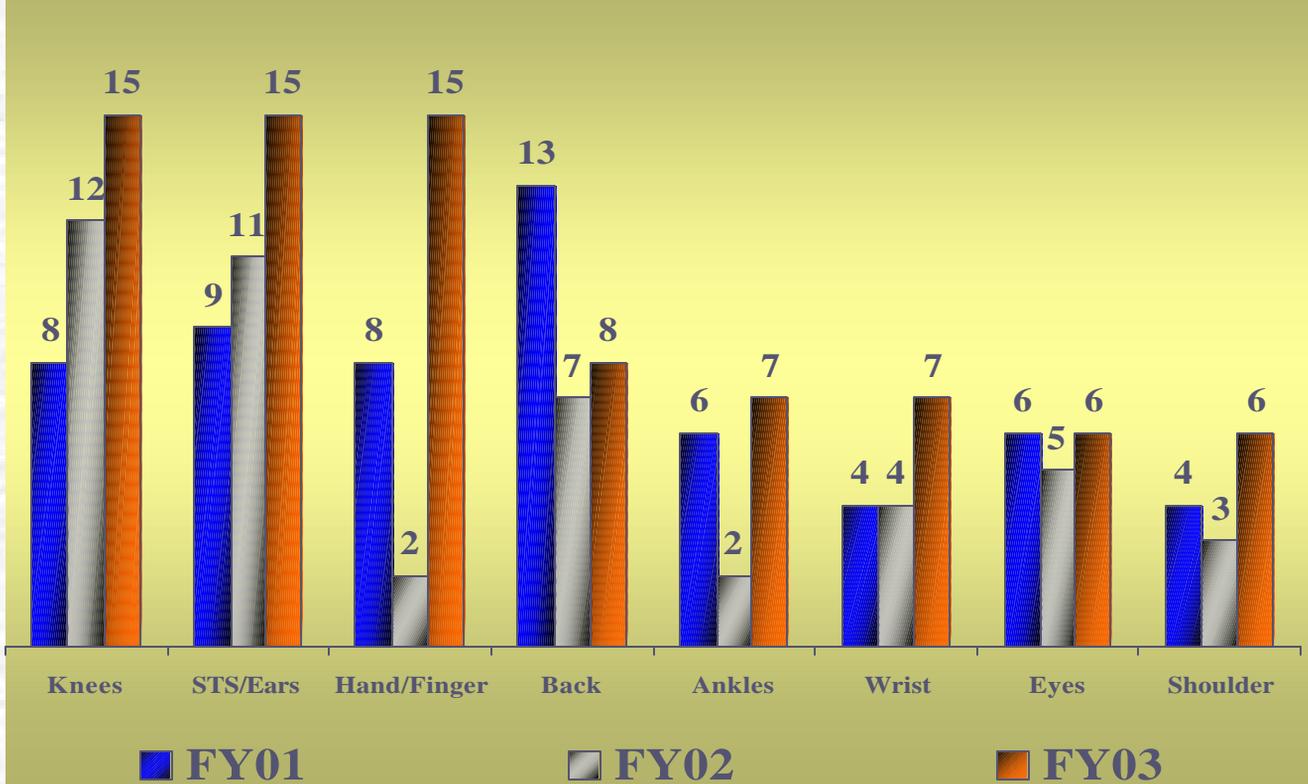
■ Lost Work Days
■ Cases



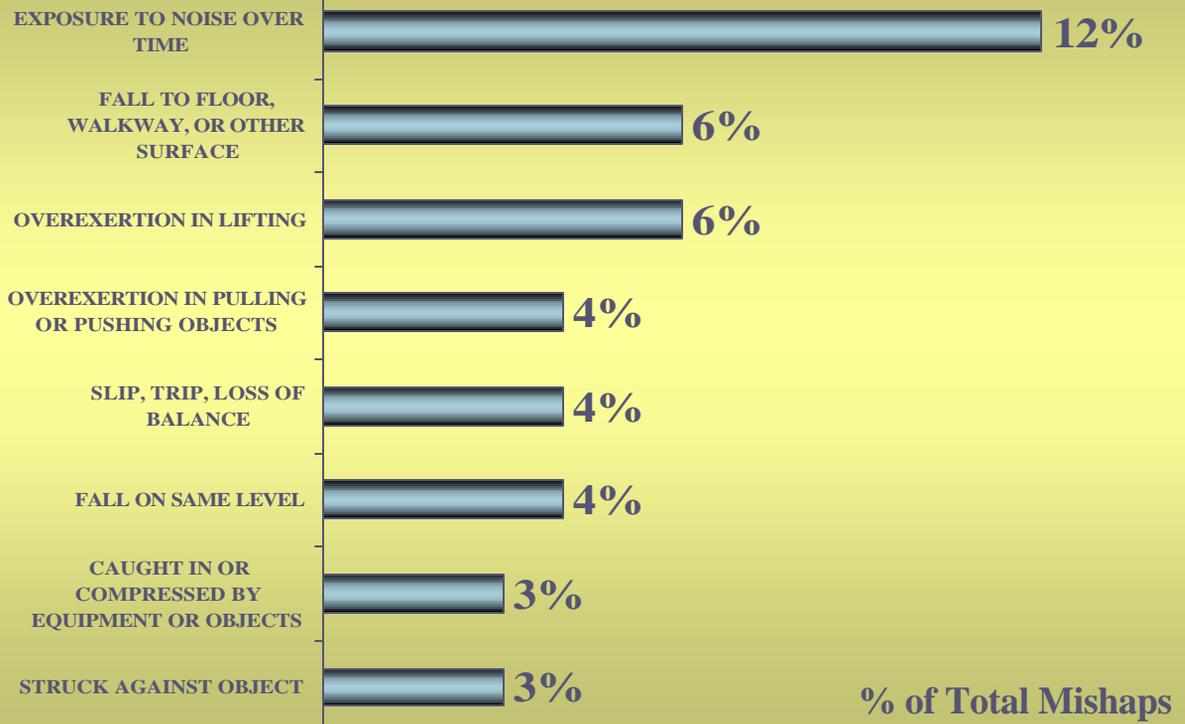
2001 to 2003 MISHAPS BY OCCUPATION



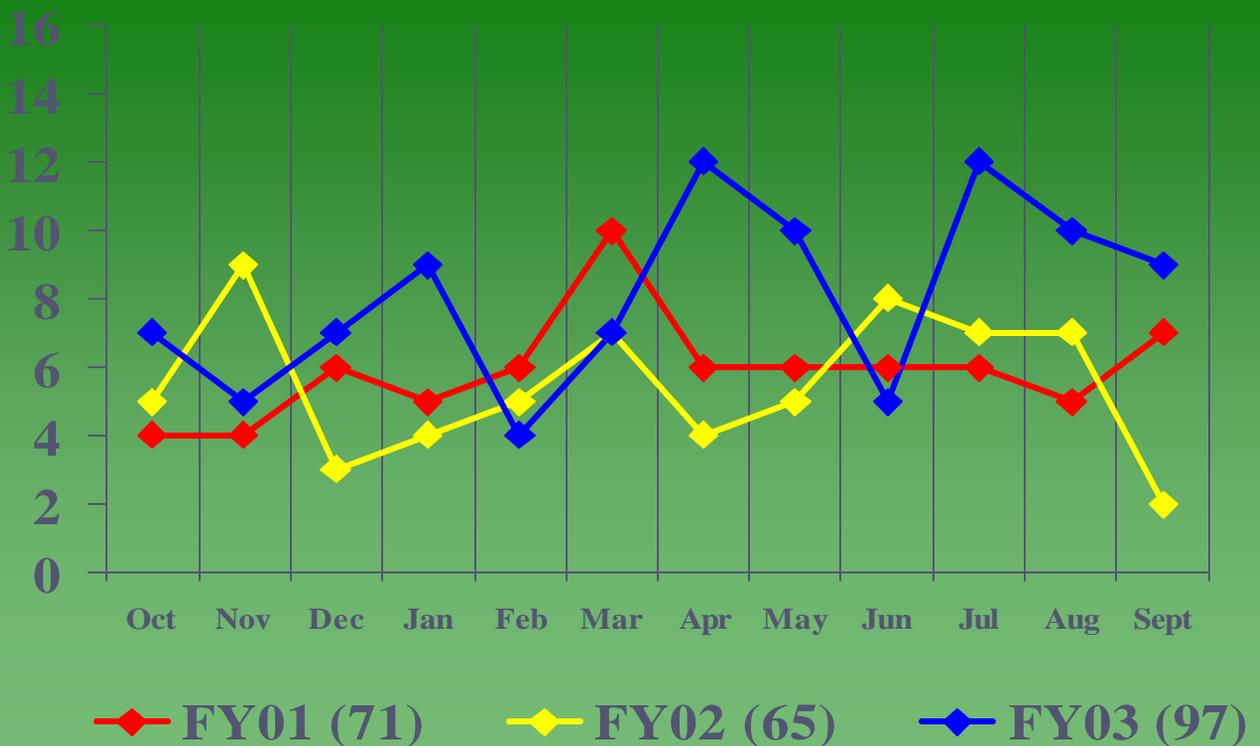
2001 TO 2003 MISHAPS BY AFFECTED BODY PART



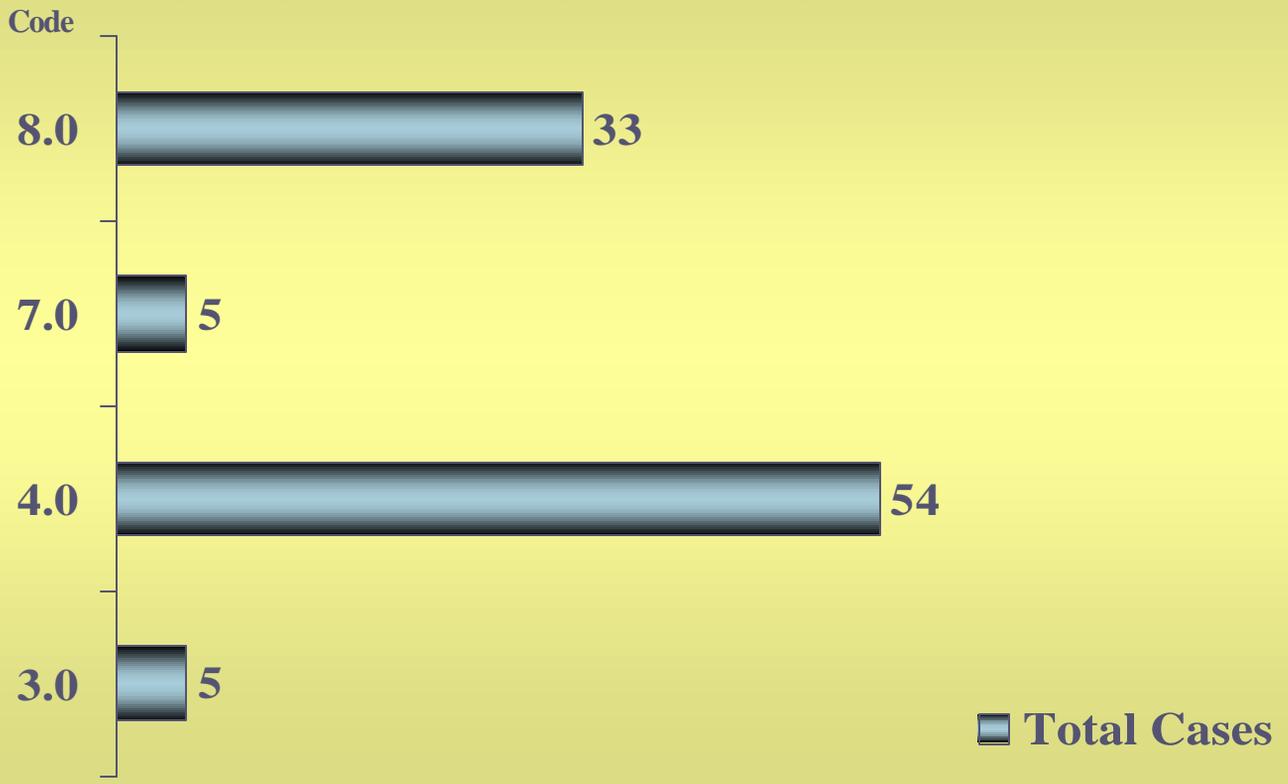
2001 to 2003 MISHAPS BY EVENT



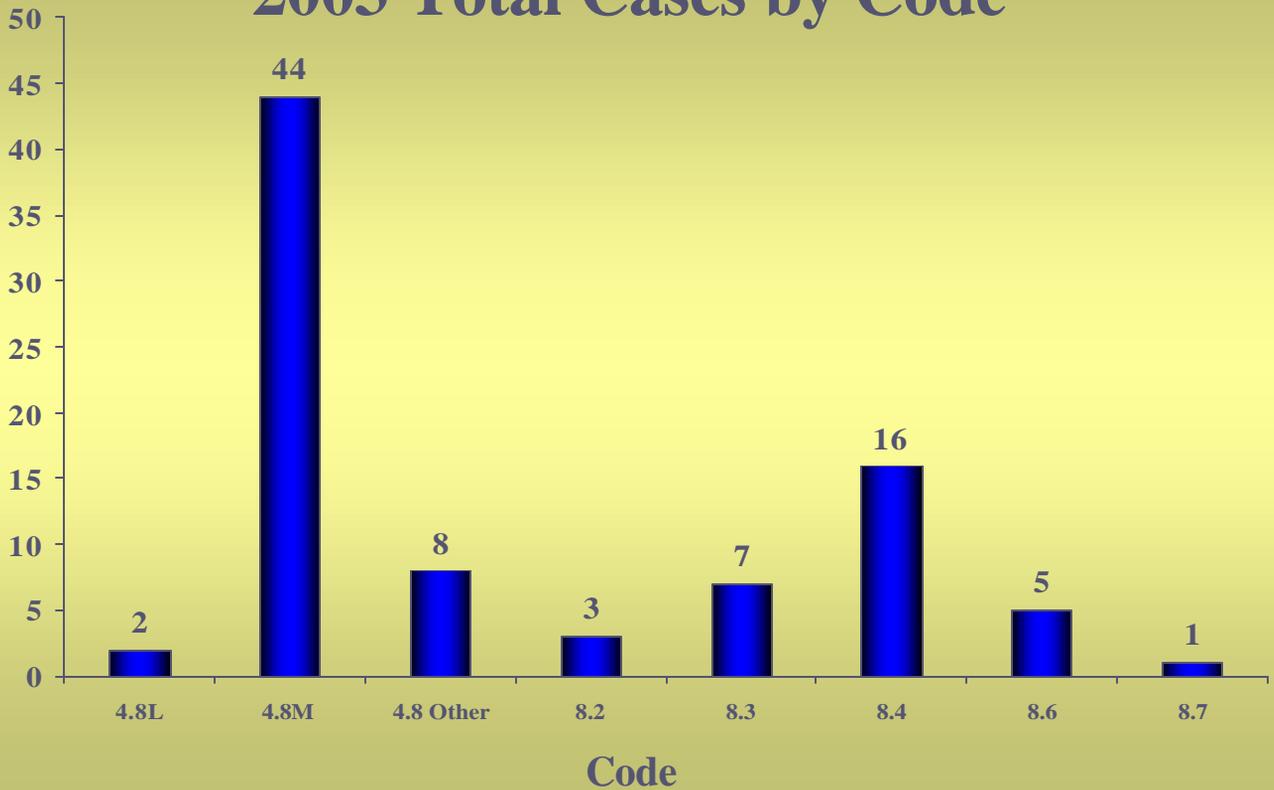
2001 TO 2003 MISHAPS PER MONTH



2003 TOTAL CASES BY COMPETENCY



2003 Total Cases by Code



NAES Lakehurst Safety Web Site

For the latest information on the NAES Occupational Safety and Health Program, contact the Safety Office at 323-2525 or visit our web page at: <http://www.lakehurst.navy.mil/nlweb/safety/index.html>
Links, similar to those shown below, are available for your use and information.

[DOWNLOAD OPNAVINST 5100.23F](#)

[COMMAND SAFETY POLICY](#)

[ORM INFORMATION](#)

[EXPLOSIVE SAFETY](#)

[YEARLY REPORT](#)

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**[REPORT OF NAVY CIVILIAN
OCCUPATIONAL INJURIES](#)**

[SAFETY FORMS](#)