

Why the United States Navy?

“Nothing is more expensive than a missed opportunity.”

- H. Jackson Brown, Jr.



What do High School Students Want after Graduation?

Enrollment

~60% of students intend on enrolling in college after graduation

Approximately 2 out of 5 dropout (Mainly due to Financial Instability)

~15% of students elect to perform a trade skill after graduation

Scholarships and Grants

0.1% of students are awarded a full-ride scholarship

1.5% of students are awarded a full-tuition scholarship

The average cost of an in-state 4-year university is \$80,000-\$100,000

The average amount of aid-per-student is \$10,000/year

Employment

23% of students enter the work force directly after graduation.

The US Median Salary for individuals age 20-24 earn \$16,000-\$30,000/year

<https://educationdata.org/scholarship-statistics>

<https://research.com/research/scholarship-statistics>



How Do Your Students Define Success?

E-5 is a rank in the US Navy, on average taking 5 years or less to achieve with no prior formal education or experience. Most achieve this in 5 years, be it a chef or an engineer.

US Median Individual Income - \$44,000/year

High School Diploma Average Income - \$41,057/year

Bachelor's Degree Recipient Average Salary - \$51,985/year

Journeyman Electrician Average Salary - \$61,467/year

E-5 US Navy Sailor Salary (Any Job) - \$55,000-\$79,000/year (Area Dependent / Cost of Living)

But Money isn't Everything...

US Population Home Ownership Rate (All Ages) – 61% - (6 out of 10)

US Population Home Ownership Rate (25-41) – 48% - (5 out of 10)

US Population Military Veteran Home Ownership Rate (All Ages) – 78% (8 out of 10)

<https://www.ziprecruiter.com/Salaries>

<https://dqydj.com/income-percentile-by-age-calculator/>



Forever G/I Bill

Benefits:

Up to \$25,162/year for tuition

Up to \$3,081/month for room/board

Up to \$1,000/year for books

Benefits DO NOT EXPIRE with non-use.

<https://www.va.gov/education/gi-bill-comparison-tool/>

Requirements:

36 Months Active Duty Service = 100%

30 Months Active Duty Service = 90%

24 Months Active Duty Service = 80%

18 Months Active Duty Service = 70%

6-18 Months Active Duty Service = 60%

90 Days Active Duty Service = 50%

All Branches
Active Duty



Forever G/I Bill

Yellow Ribbon Schools
Provide up to
100% TUITION COVERAGE

MIT (MASSACHUSETTS)
HARVARD (MASSACHUSETTS)
YALE (CONNECTICUT)
DARTMOUTH (NEW HAMPSHIRE)
COLUMBIA (NEW YORK)
CORNELL (NEW YORK)
BROWN (RHODE ISLAND)
PRINCETON (NEW JERSEY)

The Education Grant will apply to:
Colleges/Universities
Trade Schools
Technical/Vocational Schools

How many students have 100% of their
expenses covered to these Universities?

University of Michigan
Wayne State University
Michigan State University
Grand Valley State University



All Branches
Active Duty



USMAP – Trade Skill Programs

70+ Trade Skill Certification Jobs
(US Navy)

<https://usmap.osd.mil/>

Unlike Most Apprenticeship Programs:

- Full-Time Benefits on Day One
- All Equipment/Materials Paid For
- College is Always an Option

Requirements:

- Active Duty Enlisted
- 12 Months Remaining on Contract
- Work in your Trade Full Time
- Report Hours Worked in Trade
(Monthly)
- One Trade/Occupation at a Time



All Branches
Active Duty



USMAP – Trade Skill Programs

Select a MOS: 12R - Interior Electrician

Select a Trade

Clear Selections

Trade	Description	Time-Based Work Process	Hours	Competency-Based Work Process	Demonstration in Trade
Computer Operator	Monitor and control electronic computer and peripheral electronic data processing equipment to process business, scientific, engineering, and other data according to operating instructions. May enter commands at a computer terminal and set controls on computer and peripheral devices. Monitor and respond to operating and error messages.	0817N	2000	0817N-CB	Minimum completion time is 12 months
Electrician	Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems.	0159D	6000	0159D-CB	Minimum completion time is 12 months
Electrician, Maintenance	Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems.	0643D	6000	0643D-CB	Minimum completion time is 12 months

US Army – MOS: 12R – Interior Electrician – 3 Certifications Available



All Branches
Active Duty



USMAP – Trade Skill Programs

Select a MOS: 1141 - Electrician

Select a Trade

Clear Selections

Trade	Description	Time-Based Work Process	Hours	Competency-Based Work Process	Demonstration in Trade
Computer Operator	Monitor and control electronic computer and peripheral electronic data processing equipment to process business, scientific, engineering, and other data according to operating instructions. May enter commands at a computer terminal and set controls on computer and peripheral devices. Monitor and respond to operating and error messages.	0817N	2000	0817N-CB	Minimum completion time is 12 months
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Electrician, Maintenance	Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems.	0643D	6000	0643D-CB	Minimum completion time is 12 months

US Marine Corps – MOS: 1141 – Electrician – 3 Certifications Available



All Branches
Active Duty



USMAP – Trade Skill Programs

EM-Electrician's Mate		Select a Trade				
Clear Selections						
Trade	Description	Time-Based Work Process	Hours	Competency-Based Work Process	Demonstration in Trade	
Central Office Repairer	Install, set-up, rearrange, or remove switching, distribution, routing, and dialing equipment used in central offices or head-ends. Service or repair telephone, cable television, internet, and other communications equipment on customers' property. May install communications equipment or communications wiring in buildings.	0077D	4000	0077D-CB	Minimum completion time is 12 months	
Computer Operator	Monitor and control electronic computer and peripheral electronic data processing equipment to process business, scientific, engineering, and other data according to operating instructions. May enter commands at a computer terminal and set controls on computer and peripheral devices. Monitor and respond to operating and error messages.	0817N	2000	0817N-CB	Minimum completion time is 12 months	
Electric-Motor Repairer	Repair, maintain, or install electric motors, wiring, or switches.	0149D	4000	0149D-CB	Minimum completion time is 12 months	
Electrician	Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems.	0159D	6000	0159D-CB	Minimum completion time is 12 months	
Electrician, Maintenance	Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems.	0643D	6000	0643D-CB	Minimum completion time is 12 months	
Hydroelectric-Machinery Mechanic (Utilities)	Repair, install, adjust, or maintain industrial production and processing machinery or refinery and pipeline distribution systems and hydroelectric generating station.	0237N	4000	0237N-CB	Minimum completion time is 12 months	
Power-Plant Operator	Control, operate, or maintain machinery to generate electric power. Includes auxiliary equipment operators.	0440D	6000	0440D-CB	Minimum completion time is 12 months	

US Navy – Rating: Electrician's Mate – 7 Certifications Available



US Navy Specific Active/Reserve Duty



Other Ways to Earn College Credits

College Level Examination Program (CLEP)

A series of 33 standardized subject exams that can be taken for recommended college credit introductory-level classes taken in the first two years of college. Recognized at over 2,900 participating colleges and universities. All first attempts on exams are funded by the US Military

<https://www.navycollege.navy.mil/sailors/resources.htm>

Joint Service Transcript (JST)

Earn college credit recommendations by The American Council on Education (ACE) for participating in Navy training for your career, advancing in rank, and earning certifications.

<https://jst.doded.mil/jst/>

Tuition Assistance (TA)

Pay up to 100% of tuition charged by education institutions after your second year of service in the Military using online courses or "brick and mortar" institutions local to your base.

<https://www.navycollege.navy.mil/sailors/tuition-assistance-ncpace.htm>



All Branches
Active Duty



Other Ways to Earn College Credits

Navy College Program for Afloat College Education (NCPACE)

If you are on deployment, how do you go to school?

NCPACE courses are offline, distance-learning courses designed to allow students to continue their education while deployed and without reliable, consistent Internet access.

Students complete their assignments independently using texts, study guides and other materials. There is no mentor interaction for NCPACE courses.

Pays up to 100% of tuition charged by education institutions while serving aboard a ship at sea.

<https://www.navycollege.navy.mil/sailors/tuition-assistance-ncpace.htm>



US Navy Specific Active Duty



Military Reserves Internships / Work Studies / Job Experience

How do employers find the answer to these common questions?

Work Experience

- “Will you be on time?”
- “Are you reliable?”
- “Are you a hard worker?”
- “Do you work well with teams?”

<https://www.nacweb.org/talent-acquisition/candidate-selection/employers-prefer-candidates-with-work-experience/>

Figure 1: Employers' hiring preferences relative to experience

HIRING PREFERENCE	2017	2016	2015	2014	2013
I prefer to hire candidates with relevant work experience	64.5%	64.2%	72.5%	74.1%	71.0%
I prefer to hire candidates with any type of work experience (doesn't matter if it's relevant or not, just some type of experience)	26.1%	27.0%	20.1%	20.7%	19.9%
Work experience doesn't typically factor into my decision when hiring a new college graduate	5.1%	6.3%	3.9%	1.1%	4.8%
Other	4.3%	2.5%	3.4%	4.0%	4.3%



All Branches
Reserve Duty



Military Reserves Internships / Work Studies / Job Experience

Full-Time College Students

7 out of 10 College Students Stress About Finances

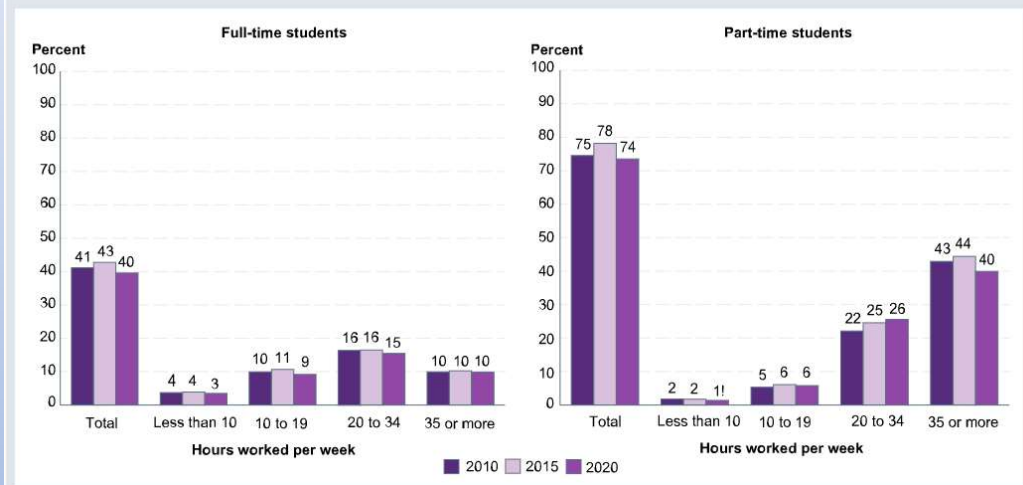
3 out of 10 College Students Reduce their Class Load due to amount of Money Owed

How do student's supplement their college expenses?
Part Time Employment

<https://nces.ed.gov/programs/coe/indicator/ssa/college-student-employment>

<https://news.osu.edu/70-percent-of-college-students-stressed-about-finances/>

Figure 1. Percentage of undergraduate students who were employed, by attendance status and hours worked per week: 2010, 2015, and 2020



All Branches
Reserve Duty



Military Reserves Internships / Work Studies / Job Experience

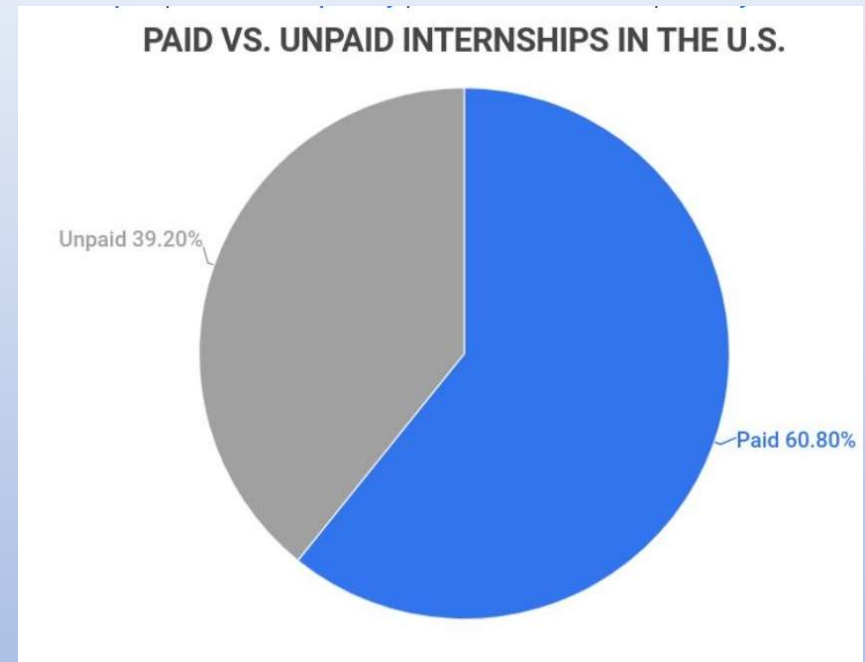
There is an estimated 300,000 Interns in the US Annually

Approximately 40% of Internships are Unpaid

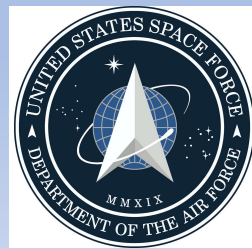
31% of Internships Begin after Graduating from College

<https://www.zippia.com/advice/internship-statistics/#:~:text=It's%20estimated%20that%20300%2C000%20people,of%20internships%20are%20paid%20positions.>

<https://financesonline.com/internship-statistics/>



All Branches
Reserve Duty



Military Reserves Internships / Work Studies / Job Experience

70% of College Students Work While Enrolled in College

Example: Working 20 Hours/week
Part-Time Barista / \$12.00/hour

<input type="radio"/>	Work Experience
<input type="radio"/>	Supplemental Income
<input checked="" type="radio"/>	Scholarship / Grant Funds
<input checked="" type="radio"/>	Skill Certification Training
<input checked="" type="radio"/>	Company Sponsored Travel

<https://smartasset.com/taxes/paycheck-calculator#Le0h7f25Un>

Type Hourly Salary

Hourly Wage: \$12.00

Hours (per pay period): 20

Where is your money going?

Gross Paycheck		\$240
<input checked="" type="radio"/> Taxes	10.55%	\$25
<input checked="" type="radio"/> FICA and State Insurance Taxes	7.65%	\$18
<input checked="" type="radio"/> Pre-Tax Deductions	0.00%	\$0
<input checked="" type="radio"/> Post-Tax Deductions	0.00%	\$0
<input checked="" type="radio"/> Take Home Salary	81.80%	\$196



All Branches
Reserve Duty



Military Reserves

Internships / Work Studies / Job Experience

Military Reserves

Example: 1 "Drill Weekend"

E-3 (<2 Years of Experience)

\$320 / Drill Weekend (2 Days of Work)

<input type="radio"/>	Work Experience
<input type="radio"/>	Supplemental Income
<input type="radio"/>	Scholarship / Grant Funds
<input type="radio"/>	Skill Certification Training
<input type="radio"/>	Company Sponsored Travel

<https://militarypay.defense.gov/Pay/Basic-Pay/Reserve-Drill-Pay/>

<https://www.navy.com/forward>

ONE WEEKEND A MONTH = 4 DAYS OF PAY

BATTLE CREEK (MI), GREAT LAKES (IL),
INDIANAPOLIS (IN), HARRISON TWP (MI)

GAS AND LODGING PROVIDED

TWO WEEKS A YEAR

TRAVEL OPPORTUNITIES WORLDWIDE

40+ NAVAL BASES / 400+ ACTIVE SHIPS

GI BILL (SELECTIVE RESERVE)

UP TO \$4,500 PER FISCAL YEAR

UP TO \$9,000/YEAR (Yellow Ribbon Schools)

70+ TRADE SKILL CERTIFICATION PROGRAMS

All Branches
Reserve Duty



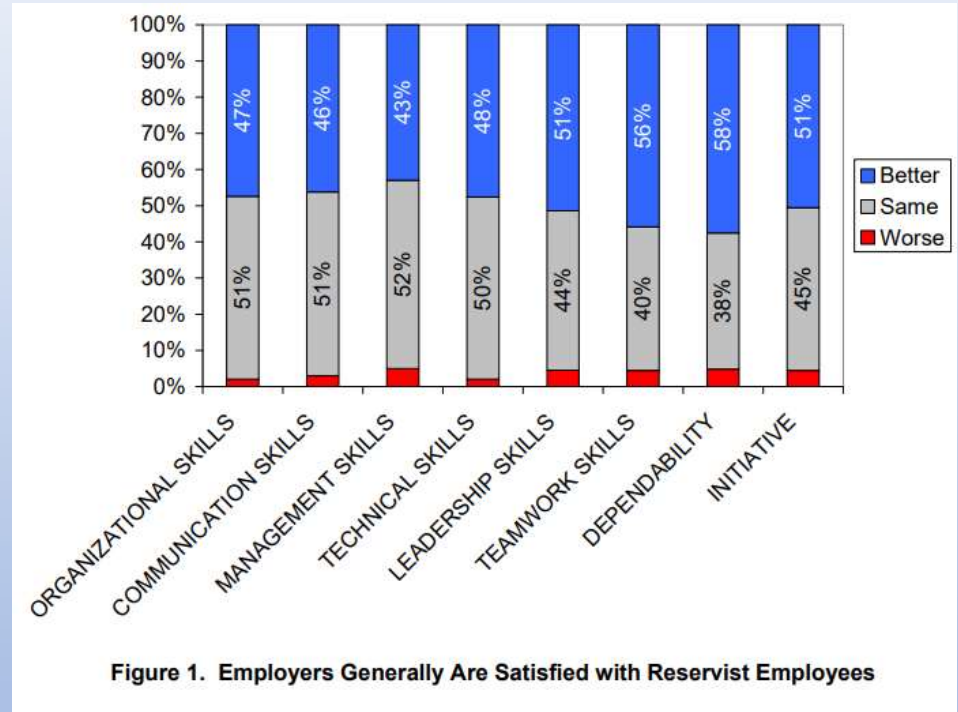
Military Reserves Internships / Work Studies / Job Experience

Reservists are seen as assets to employers.

Even with a commitment to participate in monthly drills, a reservist brings value to employers due to the skills and experience they offer the business.

Why wouldn't an employer hire the most qualified individual for the job?

<https://apps.dtic.mil/sti/pdfs/ADA624615.pdf>



All Branches
Reserve Duty



Military Reserves Internships / Work Studies / Job Experience

In Michigan, veterans make 64.9% more a year than civilians.

Highest Paying States for Veterans

1. Washington, D.C.
2. Connecticut
3. New Jersey
4. Massachusetts
5. Michigan

<https://www.hillandponton.com/veteran-civilian-pay-statistics/>



All Branches
Reserve Duty



Military Reserves

Internships / Work Studies / Job Experience

Not every service is created equal.

Living Conditions

Unless volunteered with your chosen specialty, drill weekends don't require ruck marches or outdoor survival

Advancement and Promotion

Advancement is tied directly with skill certification and responsibility. The same career in a different branch could lead to a very different outcome.

Travel Opportunities

The USN has over 40+ Bases in the USA and 30+ Bases/Support Centers Overseas

Pay-Grade (Rank)	Weekend Drill Pay (<2 Years)	United States Army National Guard	United States Navy Reserves
E-1	\$255	1 out of 30 3.81% / 11,061 out of 290,281	1 out of 72 1.52% / 683 out of 44,745
E-2	\$286	1 out of 10 10.30% / 29,909 out of 290,281	1 out of 50 1.88% / 843 out of 44,745
E-3	\$320	1 out of 29 14.15% / 41,082 out of 290,281	1 out of 15 6.85% / 3,067 out of 44,745
E-4	\$350	1 out of 3 34.39% / 99,821 out of 290,281	1 out of 9 15.80% / 7,017 out of 44,745
E-5	\$388	1 out of 5 20.14% / 58,459 out of 290,281	1 out of 3 34.59% / 15,477 out of 44,745
E-6	\$437	1 out of 10 10.77% / 31,260 out of 290,281	1 out of 4 28.08% / 12,564 out of 44,745
E-7	\$501	1 out of 16 6.46% / 18,755 out of 290,281	1 out of 12 8.35% / 3,738 out of 44,745
E-8		1 out of 40 2.40% / 6,963 out of 290,281	1 out of 45 2.27% / 1,017 out of 44,745
E-9		1 out of 145 0.67% / 1,971 out of 290,281	1 out of 112 0.76% / 339 out of 44,745



US Navy Specific Reserve Duty

Career Choice

Career Choice is **100% Voluntary**

Choose Your Career **Before** you Enter the United States Navy
Your Contract Choice **Will Not Change** Without Your Consent

3 Considerations

1. Availability (First Come / First Serve on Available Careers)
2. Ship Date (When do you want to leave?)
3. ASVAB Scores (What do you qualify for?)



US Navy Specific
Active/Reserve Duty



Worldwide Travel – Worldclass Experience

Official Naval Bases (Europe):

- Naval Support Activity Souda Bay (Greece)
- Naval Air Station Sigonella (Sigonella, Italy)
- Naval Support Activity Naples (Gricignano di Aversa, Italy)
- Naval Support Activity Naples Department Geta (Gaetà, Italy)
- Naval Station Rota (Rota, Spain)
- Naval Support Activity (Bahrain)
- Naval Support Facility (Diego Garcia)

Official Naval Bases (Asia):

- Commander Fleet Activities Sasebo (Japan)
- Fleet Activities Okinawa (Japan)
- Fleet Activities Yokosuka (Japan)
- Navy Region Singapore (Singapore)
- Fleet Activities Chinhae (Republic of Korea)

And Many More Territories and Foreign Port Visits, Ask Any Recruiter!



US Navy Specific Active/Reserve Duty



Advanced Programs

Nuclear Engineering

All branches claim to have a “Nuclear Engineering” program (normally reserved for Officers), but only one that trains and certifies Nuclear Reactor Operators due to the need to operate Aircraft Carriers and Submarines

Intense Academic Training - Over +77 college credits earned in the first two years

Unmatched Skillset – Nationally Recognized Training and Certification Curriculum at All US Commercial Power Plants (Nuclear and Non-Nuclear)

Highest Compensated Salary and Fastest Rank Advancement in the US Military



US Navy Specific Active Duty



Advanced Programs

SEALS / EOD / SWCC / DIVER

AIR RESCUE SWIMMER / CORPSMAN ATF

Every branch has it's own form of Special Forces. The US Navy is different in part for it's "Warrior Challenge Program". Other branches may have a time requirement as an active duty enlisted member prior to attempting to join the program.

If you are qualified, the US Navy Guarantees your contract in writing.

Train with US Navy Special Warfare Operators prior to shipping.



US Navy Specific Active Duty



Advanced Programs

NROTC / Naval Academy

Officer Programs

Surface / Aviation / Subsurface / Nursing / Medical / Support / Special Warfare

Earn a \$180,000 Scholarship including a monthly stipend and books

No risk of commitment - Exiting the program within the first year incurs zero financial penalty / recoupment

Over 60+ Universities (including 20+ HBCU, HHE, MSI)

Guaranteed Employment upon Program Completion

Application Deadlines by January of an Individual's Senior Year



US Navy Specific Active Duty



Life is Dangerous, but is the US Navy?

Top 3 Most Dangerous Jobs in the United States

1. – Delivery Drivers – In 2018 there were 966 Losses
2. – Construction Workers - In 2018 there were 259 Losses
3. – Farmers - In 2018 there were 257 Losses

Dangerous Roads in the United States

1. I-75 – In 2019 there were 167 Accidents (354 Fatal Crashes from 2015-2019)
2. I-65 – In 2019 there were 84 Accidents (210 Fatal Crashes from 2015-2019)
3. I-94 – In 2019 there were 54 Accidents (133 Fatal Crashes from 2015-2019)

The last 6 military conflicts combined (1990-2021) for the US Navy have resulted less loss of life due to **COMBAT LOSSES** in direct comparison to just <2 years in a common profession, let alone due to other common factors and occurrences. (160 combat losses over 21 years)

U.S. Bureau of Labor Statistics Census of Fatal Occupational Injuries

<https://sgp.fas.org/crs/natsec/RL32492.pdf>

<https://www.nhtsa.gov/file-downloads?p=nhtsa/downloads/FARS/2019/National/>



US Navy Specific Active/Reserve Duty

