

Please stand by for real-time captions.

Good afternoon everyone and welcome to the [Indiscernible] Academy. My name is Joe [Indiscernible] And I with Corey [Indiscernible]. We have a great webinar for you today. Defense Department statistical resources. With us today is our presenter, Bert Chapman. He is presented many webinars force. He is a government information Political Science and economics librarian/professor of library science at Purdue University. Before we get started, we want to walk you through a few housekeeping reminders. If you have any questions or comments on the presentation, please feel free to chat them in the chat box located in the bottom right corner of your screen. I will keep track of the questions that come in and at the end of the presentation I will read them back to Bert and he will respond which of them.

We are also recording today's session and will email a link to the recording and slides to everyone who registered for the webinar. We are also will be sending a certificate of participation using the email you used to register for today's webinar. If you need additional certificates because multiple people watched it with you, please email [SDLC outreach.gov](mailto:SDLC_outreach.gov) and include the title of today's webinar along with the names and email addresses of those needing certificates. If you need to zoom in on the slides being shown by Bert you can click on the full-screen button at the bottom left side of your screen. To exit the full-screen mode mouse over the blue bar at the top of your screen so that it will expand. Then click on the return button to get back to default view.

At the end of the session we will share a webinar status satisfaction survey with you. We will let you know when the survey is available and the URL rule of your the chat box. We appreciate your feedback after the session.

Also keep in mind the reserve your comments about presentation style and value the webinar for the survey and use the chat box for any questions you would like to ask Bert and to report any technical issues. Also, I don't think Bert will do but if he starts screen sharing, you will have to do something different, there will be a bar at the top of the screen, click on that, mouse over the blue bar and a menu drops down and then you can click to enable the chat box.

With that, I will turn the virtual microphone over to Bert who will take it from here.

Thank you very much. Hello, everyone. I would like to introduce you to a variety of different Defense Department statistical resources. As true with many other agencies, there are several different entities within the Defense Department producing statistical information. On military topics related to military personnel and other national security matters. Also I will mention that there are a number of think tanks and research and development organizations that also produce statistics from the Defense Department into their reports and analyses, including such as the RAND Corp. nation and [Indiscernible] Studies and many others.

One of the first will let me show you this one called D.O.T. personnel workforce reports and publications. It has a lot of different dealing with military and civilian personnel. There are some resources linked that are not available to the general public and this is just available to military DOD personnel or their families. So one question you might get periodically in your [

Indiscernible] Is how many people are in the over [Indiscernible] Reserve forces of the U.S. military and military transit. This is a statistic of the Armed Forces strength figure as of August 31 of this year. And you will see the comparison of how much foresight increased or decreased for the total active military as well as for the Coast Guard and individual armed services branches.

This is a listing from the same website. Of how many military and civilian -- personnel are assigned to various duty stations in different U.S. states as well as foreign countries. For instance, form in [Indiscernible] There 596 from the Army, 125 from the Navy in 196 from the Marine Corps in 92 from the Air Force. And three for the Coast Guard so they give you an overall total. That also includes Hominy Army National Guard members there are. You can get an idea of the global size of the military and looking at the foreign countries. The statistical status so for instance, for Germany, there's a total of 35,232 personnel. Of course this is something that can change over time, this is like 1989. And Germany total would've been in the six figures. So you can get on the a I-90 of how widespread U.S. military presence is. This can come and go depending on geopolitical and other military developments and U.S. [Indiscernible] Affecting U.S. national interests.

This is a listing of defensive department active military by Rankin great [Indiscernible - low volume]. At the top right, you have the total of 40 generals or admirals between the Army, Navy, Marine Corps, Air Force. Then you have breakdowns by other officer levels and then, and listed. And his how many enlisted men in various ranking levels for individuals individual branches of the services.

And even the conduct and Midshipman category as well. And then this is a more detailed breakdown of military Academy or excuse me women in active duty by rain, branch of service and broken down by different officer ranks. And grade level so you also get figures on what the percentage of females are in areas in particular ranks levels.

That then there's also the defense casualty analysis. This provides information on U.S. military personnel who been killed or wounded in combat. So it has historical value going back from the Revolutionary war up to present time. Present conflict. So this makes a case for operation freedom Sentinel which involves analyze medical military operations in Afghanistan. Originally and freedom after 9/11 but transitioned to freedom Sentinel. So these military courses are doing in Afghanistan. So it will include the names of fallen personnel. In the freedom Sentinel so this is the listing of the names of those who were killed around the time of November 2019. So they have the date, the name, what branch the armed services they were in, the date, the rain to, the pay grade, age, and gender.

This is a further breakdown of military deaths and operation freedom Sentinel. Hostile or nonhostile actions and usually nonhostile includes only fire, accident, by gender in type military rank. And here's more detailed data. You can also include nonhostile includes accidents and injury, homicide, self-inflicted. Or what could be pending and under investigation. And this has wounded in action or WIA.

Another good source of information both [Indiscernible] The office of director of operational test and evaluation [Indiscernible] This is part of the office of the Secretary of Defense. They put out a lot of information on performance of various U.S. weapons systems. The and will report is particularly inform you by using information and reports in [Indiscernible - low volume] By joint [Indiscernible] Published at the beginning of this year. They usually come out fairly early in the next year so probably late in January in 2019 report will come out as past trends hold up. This is what the department and will report annual report looks like [Indiscernible]. They give summary information introduction from the director. That it will give you the impact or multiple DOD components. Specific branches of the armed services. It means ballistic missile defense system. So resources like fired [Indiscernible] Cyber security and various other materials. This is a more detailed listing of the [Indiscernible] Content. You will notice in Army [Indiscernible] Javelin combat missile system medium. That is on page 81. If you been paying attention to the Ukraine trump hearing controversy, the Javelin missile system was one of the weapons that was eventually delivered to Ukraine to help fight Russian aggression. So this is some information on this combat system. And tells the Fiscal Year 2018, they conducted 22 [Indiscernible] Penetration tests. And gives more information about it, for instance the operationally ready Javelin system weighed 48 pounds depending on various. This would make it relatively easy for a healthy soldier to carry into combat. So more information about the capability of the weapon. At the bottom it said any [Indiscernible] , Early structures, and various other targets.

This is an entry on the Virginia class submarine. It is going to be replacing the Ohio class submarine from the U.S. Navy nuclear submarine force. This gives information about you know, and individual ship on the entire fleet. It mentions that it contains or able to launch 40 Tomahawk land attack missiles. And has other information about stages of the program, how many should hold or have been built or maybe built in the future and what [Indiscernible] Of the particular submarine class is. So here is a little more information about a. They are describing updates in the [Indiscernible] And they will mention if there are problems for the program. Technical programs, [Indiscernible] Programs so the include recommendations. That need to be done for the program to progress on schedule. Within budget.

Another good source of statistics from the Defense Department is the office of the [Indiscernible] Controllers. This is the branch of DOD that that is responsible for preparing since the department Defense Department budget and you see all the management budget. It incorporated into the president's annual congressional budget request. There are links to the latest organizations within DOD and contract audit in the next finance and accounting services. Audit and review of accounting matters affecting the Defense Department. There's a lot of different resources you can find here. This is just telling you about this particular office. So matters that's covered. Is not just weapons, they include human capital and resource management. And various other subjects as well the history of the office. Some of the [Indiscernible] Are public relations related. This is one called providing for common defense. The American taxpayer. There mentioning the challenges between the reemergence of [Indiscernible] Particularly China and Russia. And then also enduring challenges for countries like North Korea, Iran and this could include [Indiscernible] As well. Since 2016 U.S. military was at smallest since 1940. And mentioned probably munition shortages and aircraft and ships were unable to deploy.

I'm sorry, the font is so small. This will tell you for instance the two pie charts that in 1957 the defense spending constituted 52% of federal budget. By 2017 that share shrank to 15%. So there will be other information as well as to where these resources go. This is the actual budget request for the current fiscal year 2020. Was actually submitted to Congress around March. So they have details and press releases and then you can actually get into the raw data of the pending request. Then of course we need to check the defense pending authorization act to see how much or little of these requests were approved by Congress. And this is going back over two decades. You really get a lot of longitudinal data from looking at this.

This is the cover sheet of the overview. Then here's a very detailed breakdown from the different categories they are covering. So they're building a more lethal fourth force, [Indiscernible] And there's a sense of military compensation, the retirement system, literary healthcare system. Family care, Defense Department civilians and then enhancing [Indiscernible] Like power projections and nuclear modernization and nuclear deterrence. Cyberspace, and the newly emerging space force. One of the things that is a big driver of cost and the defense budget is the healthcare system. They mentioned that this is a [Indiscernible] Budget. It supported all the professionals and the different facilities and clinics. They provide operations and 9 1/2 million [Indiscernible] Globally. So the explain more about the system and the TRICARE healthcare system. Which covers the branches of the armed services. Talking about the cost of military healthcare. They mentioned that in FY2019 the cost of military healthcare budget was 50.7 billion dollars and they were requesting 49.54 2020. So they mentioned this declined from the and unrequested [Indiscernible] . And other things as well. You really want to pay close attention to all the explanatory material that is given in these documents.

This is talking about funding for [Indiscernible] Space material. And individual weapon systems. So it's like joint directive [Indiscernible] Will give you figures from FY 2018. After the current request. You will notice the J dam EverQuest has gone down somewhat that the guided multiple launch rocket system as 3.25 7 billion in this period. And her other claims of that they're talking about modernizing the nuclear deterrent. So they're talking about how will the next few decades the existing nuclear platform [Indiscernible] Will need to be replaced and that will require increase in expenditures on the systems.

This will provide more detailed data on the specific components of nuclear deterrent. So for instance, mentioned such as [Indiscernible] Class submarines , be 21 farmers and F-35 strikes and the the 61 bomb. And then explains what is involved in these different weapon systems.

There's also information on establishing the spaces force. So the explain the space force is. So here they talk about proposed or initial proposed budget. 72.for 72.4 million. And -- right now it may be 100% of the defense budget by FY 24-bit will be 700% of the budget.

Here is -- information on the personnel they think will be needed to get the U.S. space force headquarters developed or up and running. So they give these figures here. Then, this is information on funding for specific within the Navy Department. Let's look at here they mentioned family housing. They mentioned requesting less money however, earlier this week the Senate armed services committee held a two hour long hearing on problems with military housing. I think the house armed services committee is holding a hearing on the same subject. So

that is another way you can really get in. In sight on some of the difficulties with military programs and specific military civilian support programs [Indiscernible].

This is information on where various U.S. Navy and Marine Corps [Indiscernible] Forces are located how many forces are involved. This encompasses pretty much the entire global waterways. So the breakdown such as 17 ships in the Indian Ocean, 56 ships in the Pacific ocean area, particularly near Japan and Korea and China. This is a pie chart explaining a breakdown for different categories of persons of defense spending in the proposed FY 2020 budget. For instance, operations and maintenance take up 33% procurement and purchasing 30%. Personnel 25%. Research and development, 10% and infrastructure 2%. So this is, [Indiscernible] On operations and maintenance, once you put equipment and weapons into service you have to maintain them as long as possible to keep their or for possible performance and tax dollars. Here's a listing of the different categories that are covered in this operations and maintenance overview request. So here is depot maintenance. This is going to involve facilities for storing and housing different branches of the armed services both active duty and reserved. They will tell you this will track changes from FY 2018, potential revenue request for 2020. And they will have breakdowns for again active duty and reserve forces. So some more specifics and they're talking about the Marine Corps reducing maintenance requirements for combat vehicles and electronic [Indiscernible] Communication system. Than they give you names of specific weapon systems . The Air Force wants to increase its funding so that includes increasing maintenance for [Indiscernible] Supporting spare parts on the [Indiscernible] Aircraft and [Indiscernible] Operations. And increase maintenance for requirements for engineering requirements for the [Indiscernible] Bomber and B-52. And [Indiscernible]. Drones. And various other categories.

Another important producer of Defense Department information is the secretary cooperation [Indiscernible]. This is the agency that is responsible in collaboration with the State Department and White House. The secretary national security foreign policy [Indiscernible]. Shared challenges. This is where they really coordinate like the foreign military sales program, very security operation program and professional military age or education for other nations military forces. So this is an example of a recent press release they put out. There mentioning that the State Department, that someone -- sell to Croatia Blackhawk helicopters and may cost \$150 million. In this press release is essentially congressional notification so they're giving the different information about that. And how it will help Croatia's defense and how it will support U.S. foreign policy and national security. And mentioning Croatia is a NATO ally. And they mentioned in the proposed [Indiscernible] Regional military balance and they also mentioned who the contractors are. So it might be a business or a corporation [Indiscernible]. And might not have any adverse impact on U.S. defense. And here's an email they give you if you want to contact them. [Indiscernible]. This is a link to a video on the FDA website [Indiscernible]. This individual is the current head of EFC a.

Here they talk about the congressional review process for arms sales. They give you a reference to the [Indiscernible] Section of the arms export control act. Congress has to be notified by 30 calendar days of the administration and take the final steps including [Indiscernible]. They give the explanation on what dollar amounts is required for congressional notification for different kinds of transactions.

If it is a sales to a NATO member, [Indiscernible] There's not quite as much advance notice required. To Congress.

The historical facts book which has military sales and other data. On the federal fiscal year. Foreign military sales and [Indiscernible] Sales and other security cooperation historical facts. So this is a table of contents. You can see this is pretty lengthy were. This is foreign military sales agreement. Over on the left they have totals from fiscal year 1950 until fiscal year 2009 and aggregates him and then listed annually since then. For Japan, from fiscal year 16 or's [Indiscernible] Since 1950 until 2009. Then you can see figures for subsequent years. One thing you can also do is if you want to find out what to say the value of an arm sell within 99 was, [Indiscernible] There's a website at the University [Indiscernible] Measuring work.com. Which you can use to convert what the purchasing power of let's say \$20 million in 2009 would be today. So here's some military construction. These are arranged by different geographic regions of the world. This is telling you Western Hemisphere. And you see there's some things [Indiscernible] And there's international narcotics operations. [Indiscernible]. There different figures here. Then this is foreign military financing. This is the near East to South Asia. You can see individual countries like Israel, or Lebanon. Then, you see some countries, may have been like [Indiscernible] After the Iranian revolution in that time period, that's totally disappeared.

Then this is international Veltri education and program funding. With Afghanistan, between [Indiscernible] We spent this amount of money. And then there will be additional spending for the following years. This will vary from country to country. There a lot of different political factors that we go into, why the funding levels may rise or fall or stay the same. Then this is another of students. That have received or supersedes professional military education [Indiscernible]. Training through the U.S. institutions, either within the U.S. or perhaps overseas locations. So for instance, a breakdown by specific European country and mentioned Croatia earlier. [Indiscernible] This one up from 33 to 77 and FY 2016 and 17. So I think there's a lot of benefits you can gather from the Defense Department statistics. This includes information on military and civilian personnel levels and demographics. Acquiring information on electric casualties and accidents. Learning about military weapons and non-weapon systems performance and costs. Defense budget with itemized details for individual weapon systems and programs. Learn about what successes and failures of defense spending programs and value for tax dollars [Indiscernible] Interest. Learning about U.S. military assistance funding, failures and controversies. Getting enhanced understanding of the congressional in for military assistance [Indiscernible].

Having access to [Indiscernible] Data with breakdowns like country, your, cost, training programs. And also the geographic disbursement of defense spending, finding out how much dispense defense but he may go on and your County, your state, your congressional district. This is also true for other areas of defense to test six that provides military cystic. User knowledge then of the data to become more better informed about Defense Department spending and statistics. You can communicate with your congressional representative on the desirability of undesirability of these programs. I am ready for your questions.

Thank you Verch. Another great webinar. Very informative. Any questions for Bert, I see one from Alicia. She says, for a number of military personnel can that be broken down by role , for example medical [Indiscernible] Etc.

Potentially. Some of that data might be in the first group of slides that I showed. Some of it you might have to look at specific branches. Of like arm services websites like the sites overall Defense Department, there are like secretary of the Army, Navy, Air Force and ring car, and I. You might have to check there. So that would be my first thing that I would do. Or suggest. Been another question on casualty data by ethnicity and foreign nationals. [Indiscernible]. You would probably have to check with that first group of statistics from the defense and manpower data center. I don't know if the request casualty data by ethnicity. I would sure there would be basic data on ethnicity but I'm not sure if they break it down by light casualty data. That would be something Congress, they would have to direct them to do or to collect such data. Another question is, let's go back from the Defense security cooperation agency.

Thanks, Bert. Any other questions? These are good questions, keep them coming in. Cory is also, my colleague Cory is putting in the satisfaction survey so you have a chance to please check that out. Or fill that out. We appreciate that very much.

Many of these resources should be within the SDLC, some may not be, if not, you can find them like on the agency website. [Indiscernible].

Cory is putting information about this, Bert has done 14 previous webinars. And Cory is putting links to all of those great webinars in the chat box. The file depositories very easy to search. There are links here to that. We keep them about two years in the new repository. And then we've got a place for all the older ones that go back before then.

There is a question on the think tank that I mentioned. The ones I mentioned at the beginning are the RAND Corporation. That is research and development. They have been around since just after World War II. You can find loads of stuff onto their website. I also mentioned the country for strategic international studies. That's another Washington [Indiscernible] Think tank that does a lot of reports on international relations and security. You can spend a good chunk of the rest of your natural life looking at different defense-related think tanks from different ideological perspectives. The center for new American security and center for [Indiscernible] Heritage foundation. There are a whole or many others as well.

Okay. I am catching up with you on the kitchen questions. SE glands question. It's in the middle of the links. Here's another one from Mark. There was a question on gov.Tran02 Asking about the median length of enlistment for noncommissioned personnel. This data could be from using the resources you show today?

Potentially. I actually got an email from somebody [Indiscernible] I referred them to RAND Corporation report from 2007. They probably have more recent data. As well.

Very good. Any more questions for Bert? I'm surprised. Personally when I look at the troop strengths, I wonder, I'm sure there's an awful lot of defense or keeps classified but some of that

stuff I'm kind of surprised it's out there. Anyway. Interesting information. Here's a shout out, thank you from Mark. About the RAND information. Reminder, about [Indiscernible] He's thinking on the. Amy has a question. Can you search for veterans of foreign wars. Have a question about the names of soldiers who fought in the Boxer Rebellion.

It is possible the VA might include information like that. You would probably have to check the national archives. Check different records like the war Department and the Navy Department. Including the Marine Corps which is part of the Navy.

Greg, great questions. Here's another one popped up. Cory is pasting in the chat box. Keep the questions coming. Shout out from Amy, giving him thanks. We still have plenty of time for questions but I will go into my wrap up comments and while I do that, if you have questions have them come in. First, I would like to thank Bert for another terrific webinar. If I count correctly that's number 16. We appreciate that very much.

I would like to thank my L SEM colleague Cory Holder for his Wake work as usual in doing tech support. And keeping everything running smoothly. Here's a question from Victoria. I had a question a while back wanting data on a number of injured military and that's getting physical therapy and the number of physical therapists working in military in the VA. That sounds like a tough one. Any help with that?

Oh, man. Let me see. I'm trying to find the question.

Is toward the bottom.

Probably for the first one, and the military physical therapy, you probably want to check with the VA website. Probably the tracker website. That is the overall medical military health care system. Then there might also be things put out by the RAND Corporation or other think tanks.

Okay. Thank you. Victoria did mention she said I did find information from the VA in a report. Back to Cory putting in information in the chat box besides the 14 previous webinars and links to them, we've got a great article by my former colleague, said to say former but Scott Coley the former writer editor on the FDL Academy in everything we do, webinars and conferences and other things.

More shout outs, people saying and Victoria said thank you about the reminder about RAND.

You also would want to check maybe congressional committee hearings, CRS reports. Also GAO, [Indiscernible] Reports and inspector general reports from save the VA , DOD.

Anyway, go back to wrap up. Keep those questions coming to. We have tomorrow webinar scheduled for December. The next one is next Wednesday, December 11. From another longtime presenter, Jane Hanceville. Enjoy the vacation and finding a new hobby, government resources on travel, recreation and safe and interesting hobbies. You will receive notice of all of the upcoming webinars when announced and if you sign up for the [Indiscernible] Email alerts at DLP.gov. And from the FDL P Academy webpage which is linked to an index section at the

bottom of FDL P home page you can view a calendar of upcoming events. And webinars and other events, access past webinars from the archives and linked to a web form to volunteer to present and FDL P Academy webinar. I know there are people that could present a great webinar. It could be on any government information related topic. If you done a good presentation locally, and you think it has good national application. Please let us know. About agencies, any topic, that is FDL P/govern information related. We would be happy to talk to about that. More shout outs. Any last questions? We have another minute or so. More shout outs. Another very interesting webinar.

Thank you.

Very good. Any last questions before I closed today? For the afternoon?

I wait until 2:45.

2:45. It looks like we have answered all the questions. And the presentation with terrific so I will thank you one last time, Bert.

Thank you for coming everybody.

Thank you audience. Please come back to the FDL P Academy for more webinars and training. Have a great rest of your day.

[Event Concluded]