

NAME	SIZE	DESCRIPTION	LOCATION
PWLGWGT	10	LONGITUDINAL WEIGHT (4 IMPLIED DECIMALS) ONLY FOUND ON ADULT RECORDS MATCHED FROM MONTH TO MONTH. (USED FOR GROSS FLOWS ANALYSIS) EDITED UNIVERSE: PRPERTYP = 2	593 - 602
PWORWGT	10	OUTGOING ROTATION WEIGHT (4 IMPLIED DECIMALS) USED FOR TALLYING INFORMATION COLLECTED ONLY IN OUTGOING ROTATIONS (i.e., EARNINGS, 2nd JOB I & O, DETAILED NILF) EDITED UNIVERSE: PRPERTYP = 2	603 - 612
PWSSWGT	10	FINAL WEIGHT (4 IMPLIED DECIMAL PLACES) USED FOR MOST TABULATIONS, CONTROLLED TO INDEPENDENT ESTIMATES FOR 1) STATES; 2) ORIGIN, SEX, AND AGE; AND 3) AGE, RACE, AND SEX. EDITED UNIVERSE: PRPERTYP = 1-3	613 - 622
PWVETWGT	10	VETERANS WEIGHT (4 IMPLIED DECIMALS) USED FOR TALLYING VETERAN'S DATA ONLY, CONTROLLED TO ESTIMATES OF VETERANS SUPPLIED BY VA. EDITED UNIVERSE: PRPERTYP = 2	623 - 632
PRCHLD	2	PRESENCE OF OWN CHILDREN <18 YEARS OF AGE BY SELECTED AGE GROUP EDITED UNIVERSE: PRFAMREL = 1 or 2	633-634

VALID ENTRIES

- 1 NIU (Not a parent)
- 0 No own children under 18 years of age
- 1 All own children 0- 2 years of age
- 2 All own children 3- 5 years of age
- 3 All own children 6-13 years of age
- 4 All own children 14-17 years of age
- 5 Own children 0- 2 and 3- 5 years of age (none 6-17)
- 6 Own children 0- 2 and 6-13 years of age (none 3- 5 or 14-17)

NAME	SIZE	DESCRIPTION	LOCATION
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- 7 Own children 0- 2 and 14-17 years of age (none 3-13)
- 8 Own children 3- 5 and 6-13 years of age (none 0- 2 or 14-17)
- 9 Own children 3- 5 and 14-17 years of age (none 0- 2 or 6-13)
- 10 Own children 6-13 and 14-17 years of age (none 0- 5)
- 11 Own children 0- 2, 3- 5, and 6-13 years of age (none 14-17)
- 12 Own children 0- 2, 3- 5, and 14-17 years of age (none 6-13)
- 13 Own children 0- 2, 6-13, and 14-17 years of age (none 3- 5)
- 14 Own children 3- 5, 6-13, and 14-17 years of age (none 0- 2)
- 15 Own children from all age groups

PRNMCHLD	2	Number of own children <18 years of age	635-636
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EDITED UNIVERSE: PRFAMREL = 1 or 2

VALID ENTRIES

-1 NIU (Not a parent)

0:99 Number of own children under 18 years of age

ALLOCATION FLAGS

Unless otherwise noted, the values for all allocation flags are defined as described below:

VALID ENTRIES

- 0 VALUE - NO CHANGE
- 1 BLANK - NO CHANGE
- 2 DON'T KNOW - NO CHANGE
- 3 REFUSED - NO CHANGE
- 10 VALUE TO VALUE
- 11 BLANK TO VALUE
- 12 DON'T KNOW TO VALUE
- 13 REFUSED TO VALUE
- 20 VALUE TO LONGITUDINAL VALUE
- 21 BLANK TO LONGITUDINAL VALUE
- 22 DON'T KNOW TO LONGITUDINAL VALUE
- 23 REFUSED TO LONGITUDINAL VALUE
- 30 VALUE TO ALLOCATED VALUE LONG
- 31 BLANK TO ALLOCATED VALUE LONG
- 32 DON'T KNOW TO ALLOCATED VALUE LONG
- 33 REFUSED TO ALLOCATED VALUE LONG
- 40 VALUE TO ALLOCATED VALUE
- 41 BLANK TO ALLOCATED VALUE

NAME	SIZE	DESCRIPTION	LOCATION
		42 DON'T KNOW TO ALLOCATED VALUE	
		43 REFUSED TO ALLOCATED VALUE	
		50 VALUE TO BLANK	
		52 DON'T KNOW TO BLANK	
		53 REFUSED TO BLANK	
PXPDEMP1	2	ALLOCATION FLAG	637-638
PRWERNAL	2	ALLOCATION FLAG	639 - 640
		WEEKLY EARNINGS RECODE (PRERNWA) ALLOCATION FLAG	
		EDITED UNIVERSE: PRERELG = 1	
		1 NO ALLOCATION	
		2 ONE OR MORE COMPONENTS OF THE RECODE ARE ALLOCATED	
PRHERNAL	2	ALLOCATION FLAG	641 - 642
		HOURLY EARNINGS RECODE (PRERNHLY) ALLOCATION FLAG	
		EDITED UNIVERSE: PRERNHRY = 1	
		1 NO ALLOCATION	
		2 ONE OR MORE COMPONENT OF THE RECODE ARE ALLOCATED	
HXTENURE	2	ALLOCATION FLAG See HETENURE note.	643 - 644
HXHOUSUT	2	ALLOCATION FLAG	645 - 646
HXTELHHD	2	ALLOCATION FLAG	647 - 648
HXTELA VL	2	ALLOCATION FLAG	649 - 650
HXPHONEO	2	ALLOCATION FLAG	651 - 652
PXINUSYR	2	ALLOCATION FLAG	653 - 654
PXRRP	2	ALLOCATION FLAG	655 - 656
PXPARENT	2	ALLOCATION FLAG	657 - 658

NAME	SIZE	DESCRIPTION	LOCATION
PXAGE	2	ALLOCATION FLAG	659 - 660
PXMARITL	2	ALLOCATION FLAG	661 - 662
PXSPOUSE	2	ALLOCATION FLAG	663 - 664
PXSEX	2	ALLOCATION FLAG	665 - 666
PXAFWHN1	2	ALLOCATION FLAG	667 - 668
PXAFNOW	2	ALLOCATION FLAG	669 - 670
PXEDUCA	2	ALLOCATION FLAG	671 - 672
PXRACE1	2	ALLOCATION FLAG	673 - 674
PXNATVTY	2	ALLOCATION FLAG	675 - 676
PXMNTVTY	2	ALLOCATION FLAG	677 - 678
PXFNTVTY	2	ALLOCATION FLAG	679 - 680
PXNMEMP1	2	ALLOCATION FLAG	681 - 682
PXHSPNON	2	ALLOCATION FLAG	683 - 684
PXMLR	2	ALLOCATION FLAG	685 - 686
PXRET1	2	ALLOCATION FLAG	687 - 688
PXABSRSN	2	ALLOCATION FLAG	689 - 690
PXABSPDO	2	ALLOCATION FLAG	691 - 692
PXMJOT	2	ALLOCATION FLAG	693 - 694
PXMJNUM	2	ALLOCATION FLAG	695 - 696
PXHRUSL1	2	ALLOCATION FLAG	697 - 698
PXHRUSL2	2	ALLOCATION FLAG	699 - 700
PXHRFTPT	2	ALLOCATION FLAG	701 - 702
PXHRUSLT	2	ALLOCATION FLAG	703 - 704

NAME	SIZE	DESCRIPTION	LOCATION
PXDW4WK	2	ALLOCATION FLAG	751 - 752
PXDWLKWK	2	ALLOCATION FLAG	753 - 754
PXDWAVL	2	ALLOCATION FLAG	755 - 756
PXDWAVR	2	ALLOCATION FLAG	757 - 758
PXJHWKO	2	ALLOCATION FLAG	759 - 760
PXJHRSN	2	ALLOCATION FLAG	761 - 762
PXJHWANT	2	ALLOCATION FLAG	763 - 764
PXIO1COW	2	ALLOCATION FLAG	765 - 766
PXIO1ICD	2	ALLOCATION FLAG	767 - 768
PXIO1OCD	2	ALLOCATION FLAG	769 - 770
PXIO2COW	2	ALLOCATION FLAG	771 - 772
PXIO2ICD	2	ALLOCATION FLAG	773 - 774
PXIO2OCD	2	ALLOCATION FLAG	775 - 776
PXERNUOT	2	ALLOCATION FLAG	777 - 778
PXERNPER	2	ALLOCATION FLAG	779 - 780
PXERNH1O	2	ALLOCATION FLAG	781 - 782
PXERNHRO	2	ALLOCATION FLAG	783 - 784
PXERN	2	ALLOCATION FLAG	785 - 786
PXPDEMP2	2	ALLOCATION FLAG	787 - 788
PXNMEMP2	2	ALLOCATION FLAG	789 - 790
PXERNWKP	2	ALLOCATION FLAG	791 - 792
PXERNRT	2	ALLOCATION FLAG	793 - 794
PXERNHRY	2	ALLOCATION FLAG	795 - 796

NAME	SIZE	DESCRIPTION	LOCATION
		6 10th grade 7 11th grade 8 12th grade (no diploma)	
PECYC	2	How many years of college credit has...completed? EDITED UNIVERSE: PEEDUCA =40-42 <u>VALID ENTRIES</u> 1 Less than 1 year (includes 0 years completed) 2 The first or Freshman year 3 The second or Sophomore year 4 The third or Junior year 5 Four or more years	826 - 827
PADDING	6		828 - 833
PXDIPGED	2	ALLOCATION FLAG	834 - 835
PXHGCCOMP	2	ALLOCATION FLAG	836 - 837
PXCYC	2	ALLOCATION FLAG	838 - 839
PADDING	6		840 - 845
PWCMPWGT	10	Composited Final Weight. Used to create BLS's published labor force statistics (4 implied decimal places) EDITED UNIVERSE: PRPERTYP = 2 AND PRTAGE = 16+	846 - 855
PEIO1ICD	4	INDUSTRY CODE FOR PRIMARY JOB EDITED UNIVERSE: (PEMLR = 1-3) OR (PEMLR = 4 AND PELKLWO = 1-2) OR (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1)) OR (PEMLR = 6 AND PENLFJH = 1) OR (PEMLR = 7 AND PEJHWKO=1)	856 - 859

NAME	SIZE	DESCRIPTION	LOCATION
		4 MANUFACTURING - DURABLE GOODS	
		5 MANUFACTURING - NON-DURABLE GOODS	
		6 WHOLESALE TRADE	
		7 RETAIL TRADE	
		8 TRANSPORTATION AND WAREHOUSING	
		9 UTILITIES	
		10 INFORMATION	
		11 FINANCE AND INSURANCE	
		12 REAL ESTATE AND RENTAL AND LEASING	
		13 PROFESSIONAL AND TECHNICAL SERVICES	
		14 MANAGEMENT, ADMINISTRATIVE AND WASTE MANAGEMENT SERVICES	
		15 EDUCATIONAL SERVICES	
		16 HEALTH CARE AND SOCIAL SERVICES	
		17 ARTS, ENTERTAINMENT, AND RECREATION	
		18 ACCOMMODATION AND FOOD SERVICES	
		19 PRIVATE HOUSEHOLDS	
		20 OTHER SERVICES, EXCEPT PRIVATE HOUSEHOLDS	
		21 PUBLIC ADMINISTRATION	
		22 ARMED FORCES	
PRIMIND2	2	INTERMEDIATE INDUSTRY RECODE (JOB 2)	874 - 875

EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8

VALID ENTRIES

- 1 AGRICULTURE, FORESTRY, FISHING, and HUNTING
- 2 MINING
- 3 CONSTRUCTION
- 4 MANUFACTURING - DURABLE GOODS
- 5 MANUFACTURING - NON-DURABLE GOODS
- 6 WHOLESALE TRADE
- 7 RETAIL TRADE
- 8 TRANSPORTATION AND WAREHOUSING
- 9 UTILITIES
- 10 INFORMATION
- 11 FINANCE AND INSURANCE
- 12 REAL ESTATE AND RENTAL AND LEASING
- 13 PROFESSIONAL AND TECHNICAL SERVICES
- 14 MANAGEMENT, ADMINISTRATIVE AND WASTE
MANAGEMENT SERVICES
- 15 EDUCATIONAL SERVICES
- 16 HEALTH CARE AND SOCIAL SERVICES

		2 STEP 3 ADOPTED	
PEMOMTYP	2	TYPE OF MOTHER	892 - 893
		EDITED UNIVERSE: ALL	
		-1 NO MOTHER PRESENT 1 BIOLOGICAL 2 STEP 3 ADOPTED	
PECOHAB	2	LINE NUMBER OF COHABITING PARTNER	894 - 895
		EDITED UNIVERSE: ALL <u>VALID</u>	
		<u>ENTRIES</u>	
		-1 NO PARTNER PRESENT 01 MIN VALUE 16 MAX VALUE	
PXLNDAD	2	ALLOCATION FLAG	896 - 897
PXLNMOM	2	ALLOCATION FLAG	898 - 899
PXDADTYP	2	ALLOCATION FLAG	900 - 901
PXMOMTYP	2	ALLOCATION FLAG	902 - 903
PXCOHAB	2	ALLOCATION FLAG	904 - 905
PEDISEAR	2	IS...DEAF OR DOES...HAVE SERIOUS DIFFICULTY HEARING?	906 - 907
		EDITED UNIVERSE: PRPERTYP = 2	
		<u>VALID ENTRIES</u>	
		1 Yes 2 No	
PEDISEYE	2	IS...BLIND OR DOES...HAVE SERIOUS DIFFICULTY SEEING EVEN WHEN	908 - 909

VISITING A DOCTOR'S OFFICE OR SHOPPING?

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

- 1 Yes
- 2 No

PRDISFLG	2	DOES THIS PERSON HAVE ANY OF THESE DISABILITY CONDITIONS?	918 - 919
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EDITED UNIVERSE: PEDISEAR OR PEDISEYE OR PEDISREM, PEDISPHY OR PEDISDRS OR PEDISOUT = 1

VALID ENTRIES:

- 1 Yes
- 2 No

PXDISEAR	2	ALLOCATION FLAG	920 - 921
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PXDISEYE	2	ALLOCATION FLAG	922 - 923
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PXDISREM	2	ALLOCATION FLAG	924 - 925
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PXDISPHY	2	ALLOCATION FLAG	926 - 927
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PXDISDRS	2	ALLOCATION FLAG	928 - 929
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PXDISOUT	2	ALLOCATION FLAG	930 - 931
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HXFAMINC	2	ALLOCATION FLAG	932 - 933
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PRDASIAN	2	DETAILED ASIAN RACE RECODE	934 - 935
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EDITED UNIVERSE: PTDTRACE = 4

VALID ENTRIES

EDITED UNIVERSE: HRMIS = 3 or 4 and
PEIO1COW = 6 or 7

VALID ENTRIES

- 1 YES
- 2 NO

PTNMEMP2	2	EXCLUDING ALL OWNERS, HOW MANY PAID EMPLOYEES DOES THIS PERSON USUALLY HAVE?	942 - 943
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See location 789-790 for the allocation flag.

EDITED UNIVERSE: PEPDEMP1 = 1

VALID ENTRIES

01-09 Number of employees
10 10 or more employees
Note that this item is topcoded at 10 employees.

PECERT1	2	DO YOU HAVE A CURRENTLY ACTIVE PROFESSIONAL CERTIFICATE OR A STATE OR INDUSTRY LICENSE?	944 - 945
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See location 950-951 for the allocation flag.

EDITED UNIVERSE: PRPERTYP = 02

VALID ENTRIES

- 1 YES
- 2 NO

PECERT2	2	WERE ANY OF YOUR CERTIFICATIONS OR LICENSES ISSUED BY THE FEDERAL, STATE, OR LOCAL GOVERNMENT?	946 - 947
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See location 952-953 for the allocation flag.

EDITED UNIVERSE: PECERT1 = 1

VALID ENTRIES

- 1 YES
- 2 NO

PECERT3	2	IS YOUR CERTIFICATION REQUIRED FOR YOUR JOB? MAIN JOB? JOB FROM WHICH YOU ARE ON LAYOFF? JOB AT WHICH YOU LAST WORKED?	948 - 949
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See location 954-955 for the allocation flag.

EDITED UNIVERSE: PECERT2 = 1

VALID ENTRIES

- 1 YES
- 2 NO

PXCERT1	2	ALLOCATION FLAG	950 - 951
PXCERT2	2	ALLOCATION FLAG	952 - 953
PXCERT3	2	ALLOCATION FLAG	954 - 955

End of Basic CPS Portion of the Record

ATTACHMENT 7

SUPPLEMENT RECORD LAYOUT

Current Population Survey, August 2018
Veterans Supplement

NAME	SIZE	DESCRIPTION	LOCATION
PRSUPINT	2	Supplement interview flag	1001-1002
		EDITED UNIVERSE:	
		PEAFEVER=1	
		VALID ENTRIES:	
		1 Supplement interview	
		2 Supplement non-interview	
PRAFWHEN	2	When did you serve?	1003-1004
		EDITED UNIVERSE:	
		PEAFEVER=1	
		VALID ENTRIES:	
		-3 Refused	
		-2 Don't know	
		1 September 2001 or later	
		2 August 1990 to August 2001	
		3 May 1975 to July 1990	
		4 Vietnam era (Aug 1964 to Apr 1975)	
		5 February 1955 to July 1964	
		6 Korean War (July 1950 to January 1955)	
		7 January 1947 to June 1950	
		8 World War II (Dec 1941 to Dec 1946)	
		9 November 1941 or earlier	
PES1	2	[(Were you)/(Was he/she)] on active duty in	1005-1006

NAME	SIZE	DESCRIPTION	LOCATION
		<p>Vietnam, Laos, or Cambodia; in the waters in or around these countries; or fly missions over these areas at any time between August 5, 1964 and May 7, 1975?</p> <p>EDITED UNIVERSE:</p> <p>PEAFWHN1-4 = 4</p> <p>VALID ENTRIES:</p> <p>-9 No response -3 Refused -2 Don't know 1 Yes 2 No</p>	
PES1A	2	<p>[(Were you)/(Was he/she)] on active duty in Vietnam, Cambodia, or Laos; in the waters in or around these countries; or fly missions over these areas at any time between February 28, 1961 and August 4, 1964?</p> <p>EDITED UNIVERSE:</p> <p>(PEAFWHN1-4 = 5 and PEAFWHN1-4 ne 4) or (PEAFWHN1-4 = 3 and PEAFWHN1-4 ne 4,5 and PRTAGE ge 70)</p> <p>VALID ENTRIES:</p> <p>-9 No response -3 Refused -2 Don't know 1 Yes 2 No</p>	1007-1008
PES1A1	2	Did you serve in Iraq, off the coast of Iraq, or did you	1009-1010

<i>NAME</i>	<i>SIZE</i>	<i>DESCRIPTION</i>	<i>LOCATION</i>
		fly missions over Iraq at anytime since March 2003?	
		EDITED UNIVERSE:	
		PEAFWHEN = 1	
		VALID ENTRIES:	
		-9 No response	
		-3 Refused	
		-2 Don't know	
		1 Yes	
		2 No	
PES1A2	2	Did you serve in Afghanistan, or did you fly missions over Afghanistan, at anytime since October 2001?	1011-1012
		EDITED UNIVERSE:	
		PES1A1 = 1, 2, -2, -3, or -9	
		VALID ENTRIES:	
		-9 No response	
		-3 Refused	
		-2 Don't know	
		1 Yes	
		2 No	
PES1B	2	Earlier it was reported that you served on active duty in the U.S. Armed Forces. Was any of your active service the result of a call-up from the Reserve or National Guard?	1013-1014
		EDITED UNIVERSE:	
		PEAFWHN1-4 = 1, 2	

<i>NAME</i>	<i>SIZE</i>	<i>DESCRIPTION</i>	<i>LOCATION</i>
		<p>VALID ENTRIES:</p> <p>-9 No response</p> <p>-3 Refused</p> <p>-2 Don't know</p> <p>1 Yes</p> <p>2 No</p>	
PES1C	2	<p>Have you ever been a member of the Reserve or National Guard?</p> <p>EDITED UNIVERSE:</p> <p>PES1B = 2, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-9 No response</p> <p>-3 Refused</p> <p>-2 Don't know</p> <p>1 Yes</p> <p>2 No</p>	1015-1016
PES1D	2	<p>Are you currently a member of the Reserve or National Guard?</p> <p>EDITED UNIVERSE:</p> <p>PES1B = 1 or PES1C = 1</p> <p>VALID ENTRIES:</p> <p>-9 No response</p> <p>-3 Refused</p> <p>-2 Don't know</p> <p>1 Yes</p> <p>2 No</p>	1017-1018

NAME	SIZE	DESCRIPTION	LOCATION
PES4	2	<p>Has the Department of Veteran Affairs (VA) or the Department of Defense determined that [(you have)/(NAME has)] a service-connected disability; that is, a health condition or impairment caused or made worse by military service?</p> <p>EDITED UNIVERSE:</p> <p>(PES1=1,2,-2,-3 and PEAFWHN1-4 ne 1, 2) or (PES1A=1,2,-2,-3 and PEAFWHN1-4 ne 1,2)</p> <p>VALID ENTRIES:</p> <p>-9 No response -3 Refused -2 Don't know 1 Yes 2 No</p>	1019-1020
PTS5	2	<p>What is (your/her/his) current service-connected disability rating?</p> <p>EDITED UNIVERSE:</p> <p>PES4 = 1</p> <p>VALID ENTRIES:</p> <p>-9 No response -3 Refused -2 Don't know 1 0 percent 2 1-29 percent 3 30-49 percent 4 50-69 percent 5 70+ percent</p>	1021-1022

NAME	SIZE	DESCRIPTION	LOCATION
PES6	2	<p>Do you currently receive a monthly check for a service-connected disability from either the Department of Veterans Affairs (VA) or a branch of the military service?</p> <p>EDITED UNIVERSE:</p> <p>PTS5 = 1-8, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-3 Refused -2 Don't know 1 Yes 2 No</p>	1023-1024
PES7	2	<p>Did (your/his/her) service-connected disability ever prevent (you/him/her) from getting or holding a job in the past?</p> <p>EDITED UNIVERSE:</p> <p>(PES6 = 1, 2, -2, -3, -9)</p> <p>VALID ENTRIES:</p> <p>-9 No response -3 Refused -2 Don't know 1 Yes 2 No</p>	1025-1026
PES8	2	<p>Does this disability currently keep (you/him/her) from getting or holding a job?</p> <p>EDITED UNIVERSE:</p> <p>PES7= 1, 2, -2, -3, -9 and</p>	1027-1028

<i>NAME</i>	<i>SIZE</i>	<i>DESCRIPTION</i>	<i>LOCATION</i>
		PEMLR ne 1, 2	
		VALID ENTRIES:	
		-9 No response	
		-3 Refused	
		-2 Don't know	
		1 Yes	
		2 No	
PTS9	4	What is the last year during which (you/he/she) worked at a job or business?	1029-1032
		EDITED UNIVERSE:	
		PES8 = 1, -2, -3, - 9	
		VALID ENTRIES:	
		-9 No response	
		-3 Refused	
		-2 Don't know	
		1985:2018 LAST YEAR WORKED	
PTS10	4	In what year [(were you)/(was he/she)] LAST separated from active duty?	1033-1036
		EDITED UNIVERSE:	
		(PES4 = 2, -2, -3, -9) or	
		(PES7 = 1, 2, -2, -3 and PEMLR = 1, 2) or	
		(PES8 = 2) or (PES9 = 1901-2012,-2,-3,-9)	
		VALID ENTRIES:	
		-9 No response	
		0 Never worked	
		-3 Refused	

NAME	SIZE	DESCRIPTION	LOCATION
		-2 Don't know 1951:2018 YEAR SEPARATED	
PES10A	2	From which branch of the Armed Forces (was/were) (you/NAME) last released from active duty? EDITED UNIVERSE: PES10=1901-2018,-2,-3,-9 VALID ENTRIES: -9 No response -3 Refused -2 Don't know 1 Air Force 2 Army 3 Coast Guard 4 Marine Corps 5 Navy 6 Other	1037-1038
PES10B	2	Was your LAST period on active duty a result of a call-up from the Reserve or National Guard? EDITED UNIVERSE: (PES10A=1-5 and PES1B ne 2) or (PES10A = -2,-3,-9) VALID ENTRIES: -9 No response -3 Refused -2 Don't know 1 Yes 2 No	1039-1040

NAME	SIZE	DESCRIPTION	LOCATION
PES10C	2	Was that the Reserves or National Guard? EDITED UNIVERSE: PES10B=1 VALID ENTRIES: -9 No response -3 Refused -2 Don't know 1 Reserve 2 National Guard	1041-1042
PES11	2	Altogether, how long did (you/he/she) serve on active duty in the Armed Forces? EDITED UNIVERSE: (PES10A=1-5 and PES1B=2) or (PES10B=2,-2,-3,-9) or (PES10C=1,2,-2,-3,-9) VALID ENTRIES: -9 No response -3 Refused -2 Don't know 1 Less than 6 months 2 6 months to 2 years 3 2 to 3 years 4 3 to 4 years 5 5 to 9 years 6 10 to 14 years 7 15 to 19 years 8 20 years and over	1043-1044
PES11A	2	Did (you/NAME) EVER serve in a combat or war zone? Persons serving in a combat or war zone often receive combat zone tax exclusion, Imminent Danger Pay,	1045-1046

NAME	SIZE	DESCRIPTION	LOCATION
		or Hostile Fire Pay.	
		EDITED UNIVERSE:	
		PES11=1-8,-2,-3,-9	
		VALID ENTRIES:	
		-9 No response	
		-3 Refused	
		-2 Don't know	
		1 Yes	
		2 No	
PES12	2	While still on active duty, did (NAME/you) attend any of the Transition Assistance Program workshops, known as TAP or A-CAP or D-TAP?	1047-1048
		EDITED UNIVERSE:	
		PES10 > 1990	
		VALID ENTRIES:	
		-9 No response	
		-3 Refused	
		-2 Don't know	
		1 Yes	
		2 No	
PES12AA	2	Was information provided during this workshop useful to (you/NAME) in finding a job or obtaining job-related training after (you/he/she) left the service?	1049-1050
		EDITED UNIVERSE:	
		PES12 = 1	

<i>NAME</i>	<i>SIZE</i>	<i>DESCRIPTION</i>	<i>LOCATION</i>
		<p>VALID ENTRIES:</p> <p>-9 No response -3 Refused -2 Don't know 1 Yes 2 No</p>	
PES12C2	2	<p>Thinking back, what advice or information provided during the transition workshop proved to be most useful to (you/him/her) after leaving military service?</p> <p>Advice on ways to improve JOB INTERVIEWING SKILLS</p> <p>EDITED UNIVERSE:</p> <p>PES12B = 1, 2, 3, -2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1055-1056
PES12C3	2	<p>Thinking back, what advice or information provided during the transition workshop proved to be most useful to (you/him/her) after leaving military service?</p> <p>Advice on RESUME WRITING</p> <p>EDITED UNIVERSE:</p> <p>PES12B = 1, 2, 3,-2</p>	1057-1058

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES:	
		-1 Not in Universe	
		1 Yes	
		2 No	
PES12C4	2	Thinking back, what advice or information provided during the transition workshop proved to be most useful to (you/him/her) after leaving military service?	1059-1060
		Information on VETERANS BENEFITS	
		EDITED UNIVERSE:	
		PES12B = 1, 2, 3, -2	
		VALID ENTRIES:	
		-1 Not in Universe	
		1 Yes	
		2 No	
PES12C5	2	Thinking back, what advice or information provided during the transition workshop proved to be most useful to (you/him/her) after leaving military service?	1061-1062
		Information on availability of UNEMPLOYMENT BENEFITS	
		EDITED UNIVERSE:	
		PES12B = 1, 2, 3, -2	
		VALID ENTRIES:	
		-1 Not in Universe	

NAME	SIZE	DESCRIPTION	LOCATION
		1 Yes 2 No	
PES12C6	2	Thinking back, what advice or information provided during the transition workshop proved to be most useful to (you/him/her) after leaving military service? Importance of copying SERVICE and MEDICAL RECORDS EDITED UNIVERSE: PES12B = 1, 2, 3, -2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1063-1064
PES12C7	2	Thinking back, what advice or information provided during the transition workshop proved to be most useful to (you/him/her) after leaving military service? Importance of developing a CIVILIAN MIND-SET EDITED UNIVERSE: PES12B = 1, 2, 3, -2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1065-1066

NAME	SIZE	DESCRIPTION	LOCATION
PES12C8	2	<p>Thinking back, what advice or information provided during the transition workshop proved to be most useful to (you/him/her) after leaving military service?</p> <p>NOTHING: did not find any advice or information to be useful</p> <p>EDITED UNIVERSE:</p> <p>PES12B = 1, 2, 3, -2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1067-1068
PES12C9	2	<p>Thinking back, what advice or information provided during the transition workshop proved to be most useful to (you/him/her) after leaving military service?</p> <p>Other Specify</p> <p>EDITED UNIVERSE:</p> <p>PES12B = 1, 2, 3, -2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1069-1070
PES12D1	2	<p>How might the transition workshop be improved to make it more useful to veterans?</p>	1071-1072

NAME	SIZE	DESCRIPTION	LOCATION
		Make workshop MANDATORY	
		EDITED UNIVERSE:	
		PES12C1 = 1-9, -2, -3, -9	
		VALID ENTRIES:	
		-9 No response	
		-3 Refused	
		-2 Don't know	
		1 Yes	
		2 No	
PES12D2	2	How might the transition workshop be improved to make it more useful to veterans?	1073-1074
		LENGTHEN WORKSHOP by a day or two	
		EDITED UNIVERSE:	
		PES12C1 = 1-9, -2, -3, -9	
		VALID ENTRIES:	
		-1 Not in Universe	
		1 Yes	
		2 No	
PES12D3	2	How might the transition workshop be improved to make it more useful to veterans?	1075-1076
		Offer workshop SIX-MONTHS (OR MORE) PRIOR to discharge	
		EDITED UNIVERSE:	
		PES12C1 = 1-9, -2, -3, -9	

<i>NAME</i>	<i>SIZE</i>	<i>DESCRIPTION</i>	<i>LOCATION</i>
		<p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	
PES12D4	2	<p>How might the transition workshop be improved to make it more useful to veterans?</p> <p>Provide participants with SYLLABUS prior to attending TAP</p> <p>EDITED UNIVERSE:</p> <p>PES12C1 = 1-9, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1077-1078
PES12D5	2	<p>How might the transition workshop be improved to make it more useful to veterans?</p> <p>LIMIT ATTENDANCE at workshop</p> <p>EDITED UNIVERSE:</p> <p>PES12C1 = 1-9, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1079-1080

NAME	SIZE	DESCRIPTION	LOCATION
PES12D6	2	<p>How might the transition workshop be improved to make it more useful to veterans?</p> <p>UPDATE/IMPROVE the TAP MANUAL periodically</p> <p>EDITED UNIVERSE:</p> <p>PES12C1 = 1-9, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1081-1082
PES12D7	2	<p>How might the transition workshop be improved to make it more useful to veterans?</p> <p>Improve the INTERVIEW-SKILL module or job-interview SIMULATIONS</p> <p>EDITED UNIVERSE:</p> <p>PES12C1 = 1-9, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1083-1084
PES12D8	2	<p>How might the transition workshop be improved to make it more useful to veterans?</p> <p>Improve quality of workshop INSTRUCTORS and/or workshop presentations</p> <p>EDITED UNIVERSE:</p>	1085-1086

NAME	SIZE	DESCRIPTION	LOCATION
		<p>PES12C1 = 1-9, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	
PES12D9	2	<p>How might the transition workshop be improved to make it more useful to veterans?</p> <p>Include presentations by EMPLOYERS and HUMAN-RESOURCE professionals</p> <p>EDITED UNIVERSE:</p> <p>PES12C1 = 1-9, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1087-1088
PES12D10	2	<p>How might the transition workshop be improved to make it more useful to veterans?</p> <p>Include presentations by FORMER TAP ATTENDEES</p> <p>EDITED UNIVERSE:</p> <p>PES12C1 = 1-9, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes</p>	1089-1090

NAME	SIZE	DESCRIPTION	LOCATION
		2 No	
PES12D11	2	How might the transition workshop be improved to make it more useful to veterans? Develop a TAP WEBSITE and/or TAP videos/CDs for use after discharge EDITED UNIVERSE: PES12C1 = 1-9, -2, -3, -9 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1091-1092
PES12D12	2	How might the transition workshop be improved to make it more useful to veterans? Increase COMMAND SUPPORT for TAP workshop EDITED UNIVERSE: PES12C1 = 1-9, -2, -3, -9 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1093-1094
PES12D13	2	How might the transition workshop be improved to make it more useful to veterans? Involve/include SPOUSES in workshop	1095-1096

<i>NAME</i>	<i>SIZE</i>	<i>DESCRIPTION</i>	<i>LOCATION</i>
		<p>EDITED UNIVERSE:</p> <p>PES12C1 = 1-9, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p>	
PES12D14	2	<p>How might the transition workshop be improved to make it more useful to veterans?</p> <p>NO SUGGESTIONS to improve</p> <p>EDITED UNIVERSE:</p> <p>PES12C1 = 1-9, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p>	1097-1098
PES12D15	2	<p>How might the transition workshop be improved to make it more useful to veterans?</p> <p>Other Specify</p> <p>EDITED UNIVERSE:</p> <p>PES12C1 = 1-9, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe</p> <p>1 Yes</p>	1099-1100

NAME	SIZE	DESCRIPTION	LOCATION
		2 No	
PES12F1	2	<p>Why did (you/NAME) choose NOT to attend one of these transition workshops?</p> <p>Already HAD JOB WAITING after discharge</p> <p>EDITED UNIVERSE:</p> <p>PES12 = 2</p> <p>VALID ENTRIES:</p> <p>-9 No response</p> <p>-3 Refused</p> <p>-2 Don't know</p> <p>1 Yes</p> <p>2 No</p>	1101-1102
PES12F2	2	<p>Why did (you/NAME) choose NOT to attend one of these transition workshops?</p> <p>DID NOT KNOW DATE OR TIME of workshop or FOUND OUT TOO LATE</p> <p>EDITED UNIVERSE:</p> <p>PES12 = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p>	1103-1104
PES12F3	2	<p>Why did (you/NAME) choose NOT to attend one of these transition workshops?</p> <p>Thought workshop would be a WASTE OF TIME</p> <p>EDITED UNIVERSE:</p>	1105-1106

<i>NAME</i>	<i>SIZE</i>	<i>DESCRIPTION</i>	<i>LOCATION</i>
		<p>PES12 = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	
PES12F4	2	<p>Why did (you/NAME) choose NOT to attend one of these transition workshops?</p> <p>COULD NOT ATTEND workshop when offered or CONFLICT with mission</p> <p>EDITED UNIVERSE:</p> <p>PES12 = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1107-1108
PES12F5	2	<p>Why did (you/NAME) choose NOT to attend one of these transition workshops?</p> <p>TAP workshop was NOT OFFERED at base</p> <p>EDITED UNIVERSE:</p> <p>PES12 = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1109-1110

NAME	SIZE	DESCRIPTION	LOCATION
PES12F6	2	<p>Why did (you/NAME) choose NOT to attend one of these transition workshops?</p> <p>Had plans to attend COLLEGE or JOB-TRAINING PROGRAM</p> <p>EDITED UNIVERSE:</p> <p>PES12 = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p>	1111-1112
PES12F7	2	<p>Why did (you/NAME) choose NOT to attend one of these transition workshops ?</p> <p>Commanding officer WOULD NOT AUTHORIZE attendance or DID NOT SUPPORT transition workshop</p> <p>EDITED UNIVERSE:</p> <p>PES12 = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p>	1113-1114
PES12F8	2	<p>Why did (you/NAME) choose NOT to attend one of these transition workshops ?</p> <p>NEVER HEARD OF transition workshops/ DID NOT KNOW THEY EXISTED</p> <p>EDITED UNIVERSE:</p> <p>PES12 = 2</p>	1115-1116

<i>NAME</i>	<i>SIZE</i>	<i>DESCRIPTION</i>	<i>LOCATION</i>
		<p>VALID ENTRIES:</p> <p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p>	
PES12F9	2	<p>Why did (you/NAME) choose NOT to attend one of these transition workshops?</p> <p>Other Specify</p> <p>EDITED UNIVERSE:</p> <p>PES12 = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p>	1117-1118
PES13	2	<p>[Since leaving active duty in the armed forces]/ [At any time in the past four years,] (have you)/ (has NAME) tried to obtain formal job training or job-related schooling?</p> <p>EDITED UNIVERSE:</p> <p>(PEAFWHN1-4 = 1-5) AND (PRTAGE >= 18 AND <66)</p> <p>VALID ENTRIES:</p> <p>-9 No response</p> <p>-3 Refused</p> <p>-2 Don't know</p> <p>1 Yes</p> <p>2 No</p>	1119-1120

NAME	SIZE	DESCRIPTION	LOCATION
PES13AA	2	<p>[(Were you)/(Was NAME)] able to obtain the training or schooling [(you were)/(she/he was)] seeking?</p> <p>EDITED UNIVERSE:</p> <p>PES13 = 1</p> <p>VALID ENTRIES:</p> <p>-9 No response -3 Refused -2 Don't know 1 Yes 2 No 3 Training or schooling in progress 4 Other: Specify</p>	1121-1122
PES13B1	2	<p>For what reason [(were you)/(was NAME)] unable to obtain the training or schooling that [(you were)/(she/he was)] seeking?</p> <p>CONFLICT with job responsibilities</p> <p>EDITED UNIVERSE:</p> <p>PES13AA = 2</p> <p>VALID ENTRIES:</p> <p>-9 No response -3 Refused -2 Don't know 1 Yes 2 No</p>	1123-1124
PES13B2	2	<p>For what reason [(were you)/(was NAME)] unable to obtain the training or schooling that [(you were)/</p>	1125-1126

NAME	SIZE	DESCRIPTION	LOCATION
		(she/he was)] seeking?	
		EMPLOYER would not support training/schooling	
		EDITED UNIVERSE:	
		PES13AA = 2	
		VALID ENTRIES:	
		-1 Not in Universe	
		1 Yes	
		2 No	
PES13B3	2	For what reason [(were you)/(was NAME)] unable to obtain the training or schooling that [(you were)/(she/he was)] seeking?	1127-1128
		FAMILY OBLIGATIONS	
		EDITED UNIVERSE:	
		PES13AA = 2	
		VALID ENTRIES:	
		-1 Not in Universe	
		1 Yes	
		2 No	
PES13B4	2	For what reason [(were you)/(was NAME)] unable to obtain the training or schooling that [(you were)/(she/he was)] seeking?	1129-1130
		Veteran DID NOT MEET ENTRY REQUIREMENTS for training/schooling	
		EDITED UNIVERSE:	

<i>NAME</i>	<i>SIZE</i>	<i>DESCRIPTION</i>	<i>LOCATION</i>
		<p>PES13AA = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	
PES13B5	2	<p>For what reason [(were you)/(was NAME)] unable to obtain the training or schooling that [(you were)/(she/he was)] seeking?</p> <p>Veteran could NOT AFFORD cost of training/schooling</p> <p>EDITED UNIVERSE:</p> <p>PES13AA = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1131-1132
PES13B6	2	<p>For what reason [(were you)/(was NAME)] unable to obtain the training or schooling that [(you were)/(she/he was)] seeking?</p> <p>Location or timing of training/schooling INCONVENIENT for veteran</p> <p>EDITED UNIVERSE:</p> <p>PES13AA = 2</p> <p>VALID ENTRIES:</p>	1133-1134

NAME	SIZE	DESCRIPTION	LOCATION
		<p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p>	
PES13B7	2	<p>For what reason [(were you)/(was NAME)] unable to obtain the training or schooling that [(you were)/(she/he was)] seeking?</p> <p>Type of training/schooling NOT COVERED by VA benefits programs</p> <p>EDITED UNIVERSE:</p> <p>PES13AA = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p>	1135-1136
PES13B8	2	<p>For what reason [(were you)/(was NAME)] unable to obtain the training or schooling that [(you were)/(she/he was)] seeking?</p> <p>Type of training/schooling desired by veteran was NOT AVAILABLE</p> <p>EDITED UNIVERSE:</p> <p>PES13AA = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p>	1137-1138

NAME	SIZE	DESCRIPTION	LOCATION
PES13B9	2	<p>For what reason [(were you)/(was NAME)] unable to obtain the training or schooling that [(you were)/(she/he was)] seeking?</p> <p>Information on training/schooling provided by employment specialists was INACCURATE</p> <p>EDITED UNIVERSE:</p> <p>PES13AA = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1139-1140
PES13B10	2	<p>For what reason [(were you)/(was NAME)] unable to obtain the training or schooling that [(you were)/(she/he was)] seeking?</p> <p>Other specify</p> <p>EDITED UNIVERSE:</p> <p>PES13AA = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1141-1142
PES13C1	2	<p>What specific type of training or schooling [(were you)/(was NAME)] unable to obtain and still need?</p> <p>COMPUTER procedures, programming or software training</p>	1143-1144

NAME	SIZE	DESCRIPTION	LOCATION
		<p>EDITED UNIVERSE:</p> <p>PES13B1 = 1-10, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-9 No response -3 Refused -2 Don't know 1 Yes 2 No</p>	
PES13C2	2	<p>What specific type of training or schooling [(were you)/(was NAME)] unable to obtain and still need?</p> <p>CLERICAL or ADMINISTRATIVE support skills training</p> <p>EDITED UNIVERSE:</p> <p>PES13B1 = 1-10, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1145-1146
PES13C3	2	<p>What specific type of training or schooling [(were you)/(was NAME)] unable to obtain and still need?</p> <p>MANAGEMENT training</p> <p>EDITED UNIVERSE:</p> <p>PES13B1 = 1-10, -2, -3, -9</p>	1147-1148

NAME	SIZE	DESCRIPTION	LOCATION
		2 No	
PES13C6	2	<p>What specific type of training or schooling [(were you)/(was NAME)] unable to obtain and still need?</p> <p>SALES or CUSTOMER RELATIONS training</p> <p>EDITED UNIVERSE:</p> <p>PES13B1 = 1-10, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p>	1153-1154
PES13C7	2	<p>What specific type of training or schooling [(were you)/(was NAME)] unable to obtain and still need?</p> <p>SERVICE-INDUSTRY related training</p> <p>EDITED UNIVERSE:</p> <p>PES13B1 = 1-10, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p>	1155-1156
PES13C8	2	<p>What specific type of training or schooling [(were you)/(was NAME)] unable to obtain and still need?</p>	1157-1158

<i>NAME</i>	<i>SIZE</i>	<i>DESCRIPTION</i>	<i>LOCATION</i>
		<p>COMMUNICATIONS, EMPLOYEE DEVELOPMENT, or QUALITY IMPROVEMENT training</p> <p>EDITED UNIVERSE:</p> <p>PES13B1 = 1-10, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	
PES13C9	2	<p>What specific type of training or schooling [(were you)/(was NAME)] unable to obtain and still need?</p> <p>Occupational SAFETY training</p> <p>EDITED UNIVERSE:</p> <p>PES13B1 = 1-10, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1159-1160
PES13C10	2	<p>What specific type of training or schooling [(were you)/(was NAME)] unable to obtain and still need?</p> <p>BASIC SKILLS training (e.g., writing, reading, arithmetic, or language training)</p> <p>EDITED UNIVERSE:</p>	1161-1162

<i>NAME</i>	<i>SIZE</i>	<i>DESCRIPTION</i>	<i>LOCATION</i>
		<p>PES13B1 = 1-10, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	
PES13C11	2	<p>What specific type of training or schooling [(were you)/(was NAME)] unable to obtain and still need?</p> <p>Other specify</p> <p>EDITED UNIVERSE:</p> <p>PES13B1 = 1-10, -2, -3, -9</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1163-1164
PES14A	2	<p>[Since leaving active duty in the armed forces]/ [At any time in the past four years,] [(have you)/ (has NAME) made face-to-face or telephone contact with a state-employment-service specialist for assistance in finding a job or obtaining job-related training?</p> <p>EDITED UNIVERSE:</p> <p>(PES13 = 2, -2, -3, -9) or (PES13AA = 1, 3, 4, -2, -3, -9) or (PES13C = 1-10, -2, -3, -9)</p> <p>VALID ENTRIES:</p>	1165-1166

<i>NAME</i>	<i>SIZE</i>	<i>DESCRIPTION</i>	<i>LOCATION</i>
		-9 No response -3 Refused -2 Don't know 1 Yes 2 No 3 Other: Specify	
PES14AA	2	Was the personal assistance provided by the employment specialist helpful in identifying employment opportunities, applying for jobs, getting a job, or obtaining the job-related training [(you were)/(she/he was)] seeking? EDITED UNIVERSE: PES14A = 1 VALID ENTRIES: -9 No response -3 Refused -2 Don't know 1 Yes 2 No 3 Other: Specify	1167-1168
PES15A	2	[Since leaving active duty in the armed forces]/ [At any time in the past four years,] [(have you)/ (has NAME)] VISITED a state-employment-service office or logged onto one of THEIR internet websites to review reference materials on job openings, training opportunities, or higher-education options ? EDITED UNIVERSE: (PES14A = 2, 3, -2, -3, -9) or (PES14AA = 1-3, -2, -3, -9)	1169-1170

NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know
- 1 Yes
- 2 No
- 3 Other: Specify

PES15AA	2	Was the information available at the employment service office or website useful in identifying employment or job training opportunities, in applying for jobs, or in getting the job or the training [(you were)/(she/he was)] seeking?	1171-1172
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EDITED UNIVERSE:

PES15A = 1

VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know
- 1 Yes
- 2 No
- 3 Other: Specify

PES16A	2	[Since leaving active duty in the armed forces]/ [At any time in the past four years,] (have you) (has veteran=s name) used any other strategies for finding a job or obtaining job-related training, such as networking, checking the internet, responding to newspaper ads, contacting a private employment service, or seeking employment through a temporary-staffing agency?	1173-1174
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NAME	SIZE	DESCRIPTION	LOCATION
		<p>EDITED UNIVERSE:</p> <p>(PES15A = 2, 3, -2, -3, -9) or (PES15AA = 1-3, -2, -3, -9)</p> <p>VALID ENTRIES:</p> <p>-9 No response -3 Refused -2 Don't know 1 Yes 2 No 3 Other: Specify</p>	
PES16AA	2	<p>Were any of these strategies useful in identifying employment opportunities, applying for jobs, getting a job, or obtaining the job-related training [(you were)/(she/he was)] seeking?</p> <p>EDITED UNIVERSE:</p> <p>PES16A = 1</p> <p>VALID ENTRIES:</p> <p>-9 No response -3 Refused -2 Don't know 1 Yes 2 No 3 Other: Specify</p>	1175-1176
PES171	2	<p>Earlier you mentioned that (you/NAME) did not make face-to-face or telephone contact with a state-employment-service specialist for assistance in finding a job or obtaining job-related training [since leaving active duty in the armed forces.]/[at any time in the past four years.] Why did</p>	1177-1178

NAME	SIZE	DESCRIPTION	LOCATION
		(you/he/she) choose NOT to do so?	
		Already have JOB lined up	
		EDITED UNIVERSE:	
		PEMLR ne 1 or 2 AND PES14A = 2	
		VALID ENTRIES:	
		-9 No response	
		-3 Refused	
		-2 Don't know	
		1 Yes	
		2 No	
PES172	2	<p>Earlier you mentioned that (you/NAME) did not make face-to-face or telephone contact with a state-employment-service specialist for assistance in finding a job or obtaining job-related training [since leaving active duty in the armed forces.]/ [at any time in the past four years.] Why did (you/he/she) choose NOT to do so?</p> <p>Was not looking for JOB or WORK; did not want to work</p> <p>EDITED UNIVERSE:</p> <p>PEMLR ne 1 or 2 AND PES14A = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p>	1179-1180
PES173	2	<p>Earlier you mentioned that (you/NAME) did not make face-to-face or telephone contact with a</p>	1181-1182

NAME	SIZE	DESCRIPTION	LOCATION
		<p>state-employment-service specialist for assistance in finding a job or obtaining job-related training [since leaving active duty in the armed forces.]/ [at any time in the past four years.] Why did (you/he/she) choose NOT to do so?</p> <p>Have FAMILY OBLIGATIONS</p> <p>EDITED UNIVERSE:</p> <p>PEMLR ne 1 or 2 AND PES14A = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	
PES174	2	<p>Earlier you mentioned that (you/NAME) did not make face-to-face or telephone contact with a state-employment-service specialist for assistance in finding a job or obtaining job-related training [since leaving active duty in the armed forces.]/ [at any time in the past four years.] Why did (you/he/she) choose NOT to do so?</p> <p>DISABLED or UNABLE to work</p> <p>EDITED UNIVERSE:</p> <p>PEMLR ne 1 or 2 AND PES14A = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1183-1184

NAME	SIZE	DESCRIPTION	LOCATION
PES175	2	<p>Earlier you mentioned that (you/NAME) did not make face-to-face or telephone contact with a state-employment-service specialist for assistance in finding a job or obtaining job-related training [since leaving active duty in the armed forces.]/ [at any time in the past four years.] Why did (you/he/she) choose NOT to do so?</p> <p>Did not think specialist could help (NO FAITH in system)</p> <p>EDITED UNIVERSE:</p> <p>PEMLR ne 1 or 2 AND PES14A = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1185-1186
PES176	2	<p>Earlier you mentioned that (you/NAME) did not make face-to-face or telephone contact with a state-employment-service specialist for assistance in finding a job or obtaining job-related training [since leaving active duty in the armed forces.]/ [at any time in the past four years.] Why did (you/he/she) choose NOT to do so?</p> <p>Contacted VA or other government office for help</p> <p>EDITED UNIVERSE:</p> <p>PEMLR ne 1 or 2 AND PES14A = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes</p>	1187-1188

NAME	SIZE	DESCRIPTION	LOCATION
		2 No	
PES177	2	<p>Earlier you mentioned that (you/NAME) did not make face-to-face or telephone contact with a state-employment-service specialist for assistance in finding a job or obtaining job-related training [since leaving active duty in the armed forces.]/ [at any time in the past four years.] Why did (you/he/she) choose NOT to do so?</p> <p>PRIDE or STIGMA associated with going to “unemployment office”</p> <p>EDITED UNIVERSE:</p> <p>PEMLR ne 1 or 2 AND PES14A = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1189-1190
PES178	2	<p>Earlier you mentioned that (you/NAME) did not make face-to-face or telephone contact with a state-employment-service specialist for assistance in finding a job or obtaining job-related training [since leaving active duty in the armed forces.]/ [at any time in the past four years.] Why did (you/he/she) choose NOT to do so?</p> <p>COULD NOT FIND employment service office</p> <p>EDITED UNIVERSE:</p> <p>PEMLR ne 1 or 2 AND PES14A = 2</p> <p>VALID ENTRIES:</p>	1191-1192

NAME	SIZE	DESCRIPTION	LOCATION
		<p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p>	
PES179	2	<p>Earlier you mentioned that (you/NAME) did not make face-to-face or telephone contact with a state-employment-service specialist for assistance in finding a job or obtaining job-related training [since leaving active duty in the armed forces.]/ [at any time in the past four years.] Why did (you/he/she) choose NOT to do so?</p> <p>Specialists do not have information on GOOD JOBS</p> <p>EDITED UNIVERSE:</p> <p>PEMLR ne 1 or 2 AND PES14A = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p>	1193-1194
PES1710	2	<p>Earlier you mentioned that (you/NAME) did not make face-to-face or telephone contact with a state-employment-service specialist for assistance in finding a job or obtaining job-related training [since leaving active duty in the armed forces.]/ [at any time in the past four years.] Why did (you/he/she) choose NOT to do so?</p> <p>Was UNAWARE OF SERVICES provided employment offices and their specialists</p> <p>EDITED UNIVERSE:</p>	1195-1196

NAME	SIZE	DESCRIPTION	LOCATION
		PEMLR ne 1 or 2 AND PES14A = 2	
		VALID ENTRIES:	
		-1 Not in Universe	
		1 Yes	
		2 No	
PES1711	2	<p>Earlier you mentioned that (you/NAME) did not make face-to-face or telephone contact with a state-employment-service specialist for assistance in finding a job or obtaining job-related training [since leaving active duty in the armed forces.]/ [at any time in the past four years.] Why did (you/he/she) choose NOT to do so?</p> <p>Too OLD to re-train, go back to school, or switch occupations</p> <p>EDITED UNIVERSE:</p> <p>PEMLR ne 1 or 2 AND PES14A = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p>	1197-1198
PES1712	2	<p>Earlier you mentioned that (you/NAME) did not make face-to-face or telephone contact with a state-employment-service specialist for assistance in finding a job or obtaining job-related training [since leaving active duty in the armed forces.] [at any time in the past four years.] Why did (you/he/she) choose NOT to do so?</p> <p>Prefer or had access to INTERNET or job WEBSITES</p>	1199-1200

<i>NAME</i>	<i>SIZE</i>	<i>DESCRIPTION</i>	<i>LOCATION</i>
		<p>EDITED UNIVERSE:</p> <p>PEMLR ne 1 or 2 AND PES14A = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	
PES1713	2	<p>Earlier you mentioned that (you/NAME) did not make face-to-face or telephone contact with a state employment service specialist for assistance in finding a job or obtaining job-related training [since leaving active duty in the armed forces.] [at any time in the past four years.] Why did (you/he/she) choose NOT to do so?</p> <p>Other specify</p> <p>EDITED UNIVERSE:</p> <p>PEMLR ne 1 or 2 AND PES14A = 2</p> <p>VALID ENTRIES:</p> <p>-1 Not in Universe 1 Yes 2 No</p>	1201-1202
PRIRAQAF	2	<p>Combines responses from PES1A1 and PES1A2 to only count a veteran once if he/she served in both countries.</p> <p>EDITED UNIVERSE:</p> <p>PRAFWHEN = 1</p>	1203-1204

<i>NAME</i>	<i>SIZE</i>	<i>DESCRIPTION</i>	<i>LOCATION</i>
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VALID ENTRIES:

- 1 Not in Universe
- 1 Iraq or Afghanistan theater veteran
- 2 Not an Iraq or Afghanistan theater veteran

PWSUPWGT	10	Supplement weight variable (Length = 10 with 4 implied decimals)	1205-1214
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ATTACHMENT 8

SUPPLEMENT QUESTIONNAIRE

Current Population Survey, August 2018
Veterans Supplement

H_SUPP_I The information you give is important. The Department of Veterans Affairs (VA), the Bureau of Labor Statistics, and the Veterans Employment and Training Service sponsor the Veterans Supplement. They will analyze these data to measure trends in veteran employment and unemployment and to formulate policies and programs regarding employment and job training for veterans.

PRESS ENTER TO PROCEED

PRESUP This month we are asking some additional questions concerning service in the Armed Forces.

ENTER (1) TO PROCEED

NXTPR (ENTER LINE NO: number FOR NAME/(I need to talk with/I also need to talk with) (name/READ LIST OF NAMES) (Is he/she at home now?/Are either of them at home now?/Are any of them at home now?)

CALLBACK #:	1	LINE NO. Q-NEED NAME AGE RELATION
	1	(person 1)
ENTER LINE NUMBER	1	(person 2)
FOR INTERVIEW	1	(person 3)
(R) Respondent refused FOR	1	(person 4)
someone else	1	(person 5)
	1	(person 6)
	1	(person 7)
	1	(person 8)
	1	(person 9)
	1	(person 10)
	1	(person 11)
	1	(person 12)

If the person you need is not available and this is not the second callback hit F10 to exit. When you have finished everyone then Enter 0 (zero) to exit.

- housing)
- (5) Information on availability of UNEMPLOYMENT BENEFITS
- (6) Importance of copying SERVICE and MEDICAL RECORDS
- (7) Importance of developing a CIVILIAN MIND-SET
- (8) NOTHING: did not find any advice or information to be useful
- (9) Other Specify

Blind: (D) Don't know
(R) Refused

All Entries go to S12d

S12d How might the transition workshop be improved to make it more useful to veterans?

[MARK ALL THAT APPLY]

DO NOT READ LIST OF RESPONSE OPTIONS

- (1) Make workshop MANDATORY
- (2) LENGTHEN WORKSHOP by a day or two
- (3) Offer workshop SIX-MONTHS (OR MORE) PRIOR to discharge
- (4) Provide participants with SYLLABUS prior to attending TAP
- (5) LIMIT ATTENDANCE at workshop (e.g., no more than fifty attendees)
- (6) UPDATE/IMPROVE the TAP MANUAL periodically
- (7) Improve the INTERVIEW-SKILL module or job-interview SIMULATIONS
- (8) Improve quality of workshop INSTRUCTORS and/or workshop presentations
- (9) Include presentations by EMPLOYERS and HUMAN-RESOURCE professionals
- (10) Include presentations by FORMER TAP ATTENDEES
- (11) Develop a TAP WEBSITE and/or TAP videos/CDs for use after discharge
- (12) Increase COMMAND SUPPORT for TAP workshop
- (13) Involve/include SPOUSES in workshop
- (14) NO SUGGESTIONS to improve
- (15) Other Specify

Blind: (D) Don't know
(R) Refused

All Entries go to CK-S13S17

S12f Why did (you/NAME) choose NOT to attend one of these transition workshops?

[MARK ALL THAT APPLY]

- IMPROVEMENT training
- (9) Occupational SAFETY training
- (10) BASIC SKILLS training (e.g., writing, reading, arithmetic, or language training)
- (11) Other Specify

Blind: (D) Don't know
(R) Refused

All Entries go to TR_S14

TR_S14 "The following questions request information on any assistance (you/NAME) may have sought in finding a job or obtaining job-related training from specialists at a STATE WORKFORCE OR EMPLOYMENT SERVICE agency. In various states, these employment service agencies are also sometimes known as "job service", "unemployment offices", or "one-stop service centers".@

S14a [Since leaving active duty in the armed forces,] [At any time in the past four years,] [(have you)/(has NAME)] made face-to-face or telephone contact with a state workforce or employment-service specialist for assistance in finding a job or obtaining job-related training?

- (1) Yes (Skip to S14a)
- (2) No (Skip to CK-S15)
- (3) Other Specify (Skip to S15)

Blind: (D) Don't know (Skip to CK-S15)
(R) Refused (Skip to CK-S15)

S14aa Was the personal assistance provided by the employment specialist helpful in identifying employment opportunities, applying for jobs, getting a job, or obtaining the job-related training [(you were)/(she/he was)] seeking?

- (1) Yes (Skip to S15)
- (2) No (Skip to S15)
- (3) Other Specify (Skip to S15)

Blind: (D) Don't know (Skip to S15)
(R) Refused (Skip to S15)

S15a [Since leaving active duty in the armed forces,] [At any time in the past four years,] [(have you)/(has NAME)] VISITED a state workforce or employment service office or logged onto one of THEIR Internet websites to review reference materials on job openings, training opportunities, or higher-education options?

[MARK ALL THAT APPLY]

DO NOT READ LIST OF RESPONSE OPTIONS

- | | | |
|------------|--|-----------------|
| (1) | Already have JOB lined up | (End Questions) |
| (2) | Was <i>not</i> looking for JOB or WORK;
did <i>not</i> want to work | (End Questions) |
| (3) | Have FAMILY OBLIGATIONS | (End Questions) |
| (4) | DISABLED or UNABLE to work | (End Questions) |
| (5) | Did not think specialist could help
(NO FAITH in system) | (End Questions) |
| (6) | Contacted VA or other government
office for help | (End Questions) |
| (7) | PRIDE or STIGMA associated with
going to “unemployment office” | (End Questions) |
| (8) | COULD <i>NOT</i> FIND employment service
office | (End Questions) |
| (9) | Specialists do <i>not</i> have information
on GOOD JOBS | (End Questions) |
| (10) | Was UNAWARE OF SERVICES provided
employment offices and their specialists | (End Questions) |
| (11) | Too OLD to re-train, go back to
school, or switch occupations | (End Questions) |
| (12) | Prefer or had access to INTERNET
or job WEBSITES | (End Questions) |
| (13) | Other Specify | (End Questions) |
| Blind: (D) | Don’t know | (End Questions) |
| (R) | Refused | (End Questions) |
-

CODE	DESCRIPTION	INDUSTRY CODE
43	Social assistance	8370 - 8470
44	Arts, entertainment, and recreation	8560 - 8590
45	Accommodation	8660, 8670
46	Food services and drinking places	8680, 8690
47	Repair and maintenance	8770 - 8890
48	Personal and laundry services	8970 - 9090
49	Membership associations and organizations	9160 - 9190
50	Private households	9290
51	Public administration	9370 - 9590
52	Armed forces	9890

Major Industry Recodes (01-14)

These codes correspond to Items PRMJIND1 and PRMJIND2 located in positions 482-485 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-MJIND and are located in positions 207-208.

CODE	DESCRIPTION	INDUSTRY CODE
1	Agriculture, forestry, fishing, and hunting	0170-0290
2	Mining	0370-0490
3	Construction	0770
4	Manufacturing	1070-3990
5	Wholesale and retail trade	4070-5790
6	Transportation and utilities	6070-6390, 0570-0690
7	Information	6470-6780
8	Financial activities	6870-7190
9	Professional and business services	7270-7790
10	Educational and health services	7860-8470
11	Leisure and hospitality	8560-8690
12	Other services	8770-9290
13	Public administration	9370-9590
14	Armed Forces	9890

**2010
CENSUS
CODE DESCRIPTION**

**2010
SOC
CODE**

8850	Cementing and gluing machine operators and tenders	51-9191
8860	Cleaning, washing, and metal pickling equipment operators and tenders	51-9192
8910	Etchers and engravers	51-9194
8920	Molders, shapers, and casters, except metal and plastic	51-9195
8930	Paper goods machine setters, operators, and tenders	51-9196
8940	Tire builders	51-9197
8950	Helpers--production workers	51-9198
8965	Production workers, including semiconductor processors and cooling and freezing equipment operators	51-91XX

Transportation and Material Moving Occupations

9000	Supervisors, transportation and material moving workers	53-1000
9030	Aircraft pilots and flight engineers	53-2010
9040	Air traffic controllers and airfield operations specialists	53-2020
9110	Ambulance drivers and attendants, except emergency medical technicians	53-3011
9120	Bus drivers	53-3020
9130	Driver/sales workers and truck drivers	53-3030
9140	Taxi drivers and chauffeurs	53-3041
9150	Motor vehicle operators, all other	53-3099
9200	Locomotive engineers and operators	53-4010
9240	Railroad brake, signal, switch operators, conductors and yardmasters	53-40XX
9260	Subway, streetcar, and other rail transportation workers	53-30XX
9300	Sailors and marine oilers, and ship engineers	53-50XX
9310	Ship and boat captains and operators	53-5020
9350	Parking lot attendants	53-6021
9360	Service station attendants	53-6031
9410	Transportation inspectors	53-6051
9415	Transportation attendants, except flight attendants	53-6061
9420	Other transportation workers, including bridge and lock tenders	53-60XX
9510	Crane and tower operators	53-7021
9520	Dredge, excavating, and loading machine operators	53-7030
9560	Hoist and winch operators, and conveyor operators and tenders	53-70XX
9600	Industrial truck and tractor operators	53-7051
9610	Cleaners of vehicles and equipment	53-7061
9620	Laborers and freight, stock, and material movers, hand	53-7062
9630	Machine feeders and offbearers	53-7063
9640	Packers and packagers, hand	53-7064
9650	Pumping station operators	53-7070
9720	Refuse and recyclable material collectors	53-7081
9750	Material moving workers, including mine shuttle operators and tank car, truck, and ship loaders	53-71XX

Armed Forces

*9840 Armed Forces

Detailed Occupation Recodes (01-23)

These codes correspond to Items PRDTOCC1 and PRDTOCC2 in positions 476-479 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-DTOCC and are located in positions 161-162.

CODE	CODE DESCRIPTION	OCCUPATION CODE
1	Management occupations	0010-0430
2	Business and financial operations occupations	0500-0950
3	Computer and mathematical science occupations	1000-1240
4	Architecture and engineering occupations	1300-1560
5	Life, physical, and social science occupations	1600-1965
6	Community and social service occupation	2000-2060
7	Legal occupations	2100-2160
8	Education, training, and library occupations	2200-2550
9	Arts, design, entertainment, sports, and media occupations	2600-2960
10	Healthcare practitioner and technical occupations	3000-3540
11	Healthcare support occupations	3600-3655
12	Protective service occupations	3700-3955
13	Food preparation and serving related occupations	4000-4160
14	Building and grounds cleaning and maintenance occupations	4200-4250
15	Personal care and service occupations	4300-4650
16	Sales and related occupations	4700-4965
17	Office and administrative support occupations	5000-5940
18	Farming, fishing, and forestry occupations	6000-6130
19	Construction and extraction occupations	6200-6940
20	Installation, maintenance, and repair occupations	7000-7630
21	Production occupations	7700-8965
22	Transportation and material moving occupations	9000-9750
23	Armed Forces	9840

Major Occupation Group Recodes
(01-11)

These codes correspond to Items PRMJ OCC1 and PRMJ OCC2 located in positions 482-485 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-MJ OCC and are located in positions 159-160.

CODE	CODE DESCRIPTION	OCCUPATION CODE
1	Management, business, and financial occupations	0010-0950
2	Professional and related occupations	1000-3540
3	Service occupations	3600-4650
4	Sales and related occupations	4700-4965
5	Office and administrative support occupations	5000-5940
6	Farming, fishing, and forestry occupations	6000-6130
7	Construction and extraction occupations	6200-6940
8	Installation, maintenance, and repair occupations	7000-7630
9	Production occupations	7700-8965
10	Transportation and material moving occupations	9000-9750
11	Armed Forces	9840

ATTACHMENT 11

Specific Metropolitan Identifiers

(Geographic Attachment for CPS Public Use File Documentation Beginning August, 2015)

- List 1. FIPS Metropolitan Area (CBSA) Codes
- List 2. FIPS Consolidated Statistical Area (CSA) Codes
- List 3. Individual Principal Cities
- List 4: FIPS County Codes

Unless otherwise noted, all definitions for geographic areas on these lists reflect the February 28, 2013 OMB definitions.

LIST 1: FIPS Metropolitan Area (CBSA) Codes

Metropolitan Areas are defined using February 28, 2013 OMB definitions.

<u>FIPS Code</u>	<u>Metropolitan (CBSA) TITLE</u>
10180	Abilene, TX
10420	Akron, OH
10580	Albany-Schenectady-Troy, NY
10740	Albuquerque, NM
10900	Allentown-Bethlehem-Easton, PA-NJ
11100	Amarillo, TX
11460	Ann Arbor, MI
11540	Appleton, WI
11700	Asheville, NC
12020	Athens-Clarke County, GA
12060	Atlanta-Sandy Springs-Roswell, GA
12100	Atlantic City-Hammonton, NJ
12220	Auburn-Opelika, AL
12260	Augusta-Richmond County, GA-SC
12420	Austin-Round Rock, TX
12540	Bakersfield, CA
12580	Baltimore-Columbia-Towson, MD
12620	Bangor, ME
12700	Barnstable, MA
12940	Baton Rouge, LA
12980	Battle Creek, MI
13140	Beaumont-Port Arthur, TX
13460	Bend-Redmond, OR
13740	Billings, MT
13780	Binghamton, NY
13820	Birmingham-Hoover, AL
13980	Blacksburg—Christiansburg-Radford, VA
14010	Bloomington, IL
14020	Bloomington, IN
14260	Boise City, ID
14460	Boston-Cambridge-Newton, MA-NH
14500	Boulder, CO
14540	Bowling Green, KY
14860	Bridgeport-Stamford-Norwalk, CT

FIPS Code	Metropolitan (CBSA) TITLE
15180	Brownsville-Harlingen, TX
15380	Buffalo-Cheektowaga-Niagara Falls, NY
15500	Burlington, NC
15540	Burlington-South Burlington, VT
15680	California-Lexington Park, MD
15940	Canton-Massillon, OH
15980	Cape Coral-Fort Myers, FL
16060	Carbondale-Marion, IL
16300	Cedar Rapids, IA
16540	Chambersburg-Waynesboro, PA
16580	Champaign-Urbana, IL
16620	Charleston, WV
16700	Charleston-North Charleston, SC
16740	Charlotte-Concord-Gastonia, NC-SC
16820	Charlottesville, VA
16860	Chattanooga, TN-GA
16980	Chicago-Naperville-Elgin, IL-IN-WI
17020	Chico, CA
17140	Cincinnati, OH-KY-IN
17300	Clarksville, TN-KY
17420	Cleveland, TN
17460	Cleveland-Elyria, OH
17660	Coeur d'Alene, ID
17780	College Station-Bryan, TX
17820	Colorado Springs, CO
17900	Columbia, SC
17980	Columbus, GA-AL
18140	Columbus, OH
18580	Corpus Christi, TX
19100	Dallas-Fort Worth-Arlington, TX
19300	Daphne-Fairhope-Foley, AL
19340	Davenport-Moline-Rock Island, IA-IL
19380	Dayton, OH
19660	Deltona-Daytona Beach-Ormond Beach, FL
19740	Denver-Aurora-Lakewood, CO
19780	Des Moines-West Des Moines, IA
19820	Detroit-Warren-Dearborn, MI
20100	Dover, DE
20500	Durham-Chapel Hill, NC
20700	East Stroudsburg, PA

FIPS Code	Metropolitan (CBSA) TITLE
21140	Elkhart-Goshen, IN
21340	El Paso, TX
21500	Erie, PA
21660	Eugene, OR
21780	Evansville, IN-KY
22020	Fargo, ND-MN
22140	Farmington, NM
22180	Fayetteville, NC
22220	Fayetteville-Springdale-Rogers, AR-MO
22420	Flint, MI
22500	Florence, SC
22520	Florence-Muscle Shoals, AL
22660	Fort Collins, CO
22900	Fort Smith, AR-OK
23060	Fort Wayne, IN
23420	Fresno, CA
23540	Gainesville, FL
23580	Gainesville, GA
24020	Glen Falls, NY
24140	Goldsboro, NC
24340	Grand Rapids-Wyoming, MI
24540	Greeley, CO
24580	Green Bay, WI
24660	Greensboro-High Point, NC
24780	Greenville, NC
24860	Greenville-Anderson-Mauldin, SC
25180	Hagerstown-Martinsburg, MD-WV
25260	Hanford-Corcoran, CA
25420	Harrisburg-Carlisle, PA
25540	Hartford-West Hartford-East Hartford, CT
25860	Hickory-Morganton-Lenoir, NC
25940	Hilton Head Island-Bluffton-Beaufort, SC
26420	Houston-Baytown-Sugar Land, TX
26580	Huntington-Ashland, WV-KY-OH
26620	Huntsville, AL
26820	Idaho Falls, ID
26900	Indianapolis, IN
26980	Iowa City, IA
27100	Jackson, MI
27140	Jackson, MS

FIPS Code	Metropolitan (CBSA) TITLE
27260	Jacksonville, FL
27340	Jacksonville, NC
27500	Janesville-Beloit, WI
27740	Johnson City, TN
27780	Johnstown, PA
27980	Kahului-Wailuku-Lahaina, HI
28020	Kalamazoo-Portage, MI
28140	Kansas City, MO-KS
28420	Kennewick-Richland, WA
28660	Killeen-Temple-Fort Hood, TX
28700	Kingsport-Bristol, TN-VA
28940	Knoxville, TN
29180	Lafayette, LA
29200	Lafayette-West Lafayette, IN
29340	Lake Charles, LA
29460	Lakeland-Winter Haven, FL
29540	Lancaster, PA
29620	Lansing-East Lansing, MI
29700	Laredo, TX
29740	Las Cruces, NM
29820	Las Vegas-Paradise, NV
30340	Lewiston-Auburn, ME
30460	Lexington-Fayette, KY
30780	Little Rock-North Little Rock, AR
30980	Longview, TX
31080	Los Angeles-Long Beach-Anaheim, CA
31140	Louisville, KY-IN
31180	Lubbock, TX
31420	Macon, GA
31540	Madison, WI
31700	Manchester-Nashua, NH
32580	McAllen-Edinburg-Mission, TX
32780	Medford, OR
32820	Memphis, TN-MS-AR
33100	Miami-Fort Lauderdale-West Palm Beach, FL
33340	Milwaukee-Waukesha-West Allis, WI
33460	Minneapolis-St Paul-Bloomington, MN-WI
33660	Mobile, AL
33700	Modesto, CA
33740	Monroe, LA

FIPS Code	Metropolitan (CBSA) TITLE
33780	Monroe, MI
33860	Montgomery, AL
34060	Morgantown, WV
34580	Mount Vernon-Anacortes, WA
34740	Muskegon-Norton Shores, MI
34820	Myrtle Beach-Conway-North Myrtle Beach, SC-NC
34940	Naples-Immokalee-Marco Island, FL
34980	Nashville-Davidson-Murfreesboro, TN
35300	New Haven-Milford, CT
35380	New Orleans-Metairie, LA
35620	New York-Newark- Jersey City, NY-NJ-PA (White Plains central city recoded to balance of metropolitan)
35660	Niles-Benton Harbor, MI
35840	North Port-Sarasota-Bradenton, FL
35980	Norwich-New London, CT
36100	Ocala, FL
36220	Odessa, TX
36260	Ogden-Clearfield, UT
36420	Oklahoma City, OK
36540	Omaha-Council Bluffs, NE-IA
36740	Orlando, FL
36780	Oshkosh-Neenah, WI
37100	Oxnard-Thousand Oaks-Ventura, CA
37340	Palm Bay-Melbourne-Titusville, FL
37460	Panama City, FL
37860	Pensacola-Ferry Pass-Brent, FL
37900	Peoria, IL
37980	Philadelphia-Camden-Wilmington, PA-NJ-DE
38060	Phoenix-Mesa-Scottsdale, AZ
38220	Pine Bluff, AR
38300	Pittsburgh, PA
38860	Portland-South Portland, ME
38900	Portland-Vancouver-Hillsboro, OR-WA
38940	Port St. Lucie-Fort Pierce, FL
39140	Prescott, AZ
39300	Providence-Warwick, RI-MA
39340	Provo-Orem, UT
39540	Racine, WI
39580	Raleigh, NC
39740	Reading, PA

FIPS Code	Metropolitan (CBSA) TITLE
39820	Redding, CA
40060	Richmond, VA
40140	Riverside-San Bernardino-Ontario, CA
40220	Roanoke, VA
40380	Rochester, NY
40420	Rockford, IL
40900	Sacramento--Arden-Arcade--Roseville, CA
40980	Saginaw, MI
41100	St. George, UT
41180	St. Louis, MO-IL
41420	Salem, OR
41500	Salinas, CA
41540	Salisbury, MD
41620	Salt Lake City, UT
41700	San Antonio, TX
41740	San Diego-Carlsbad-San Marcos, CA
41860	San Francisco-Oakland-Fremont, CA
41940	San Jose-Sunnyvale-Santa Clara, CA
42020	San Luis Obispo-Paso Robles, CA
42100	Santa Cruz-Watsonville, CA
42140	Santa Fe, NM
42200	Santa Maria-Santa Barbara, CA
42220	Santa Rosa-Petaluma, CA
42340	Savannah, GA
42540	Scranton--Wilkes-Barre, PA
42660	Seattle-Tacoma-Bellevue, WA
43300	Sherman-Dennison, TX
43340	Shreveport-Bossier City, LA
43620	Sioux Falls, SD
43780	South Bend-Mishawaka, IN-MI
43900	Spartanburg, SC
44060	Spokane-Spokane Valley, WA
44100	Springfield, IL
44140	Springfield, MA
44180	Springfield, MO
44700	Stockton-Lodi, CA
45060	Syracuse, NY
45220	Tallahassee, FL
45300	Tampa-St. Petersburg-Clearwater, FL
45460	Terre Haute, IN

FIPS Code	Metropolitan (CBSA) TITLE
45780	Toledo, OH
45820	Topeka, KS
45940	Trenton, NJ
46060	Tucson, AZ
46140	Tulsa, OK
46340	Tyler, TX
46520	Urban Honolulu, HI
46540	Utica-Rome, NY
46700	Vallejo-Fairfield, CA
47220	Vineland-Bridgeton, NJ
47260	Virginia Beach-Norfolk-Newport News, VA-NC
47300	Visalia-Porterville, CA
47380	Waco, TX
47580	Warner Robins, GA
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
47940	Waterloo-Cedar Falls, IA
48060	Watertown-Fort Drum, NY
48140	Wausau, WI
48620	Wichita, KS
48660	Wichita Falls, TX
48700	Williamsport, PA
49020	Winchester, VA-WV
49180	Winston-Salem, NC
49340	Worcester, MA-CT
49620	York-Hanover, PA
49660	Youngstown-Warren-Boardman, OH-PA
49740	Yuma, AZ

LIST 2: FIPS Consolidated Statistical Area (CSA) Codes

The following CSA's (Combined Statistical Areas) contain 2 or more Metropolitan Statistical Areas that are in the CPS sample and are individually identified on the public use files. Micropolitan Statistical Areas are not specifically identified in the CPS and are not used to identify CSA's nor are parts of such areas coded as belonging to CSA's. The component CBSA's identified on the CPS Public Use Files are listed for each CSA.

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
104	10580 24020	Albany-Schenectady, NY Albany-Schenectady-Troy, NY Glen Falls, NY
106	10740 42140	Albuquerque-Santa Fe-Las Vegas, NM Albuquerque, NM Santa Fe, NM
118	11540 36780	Appleton-Oshkosh-Neenah, WI Appleton, WI Oshkosh-Neenah, WI
122	12020 12060 23580	Atlanta--Athens-Clarke County—Sandy Springs, GA Athens-Clarke County, GA Atlanta-Sandy Springs-Roswell, GA Gainesville, GA
148	12700 14460 31700 39300 49340	Boston-Worcester-Providence, MA-RI-NH-CT Barnstable Town, MA Boston-Cambridge-Newton-MA-NH Manchester-Nashua, NH Providence-Warwick, RI-MA Worcester, MA-CT
162	15980 34940	Cape Coral-Fort Myers-Naples, FL Cape Coral, FL Naples-Immokalee-Marco Island, FL

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
168	16300 26980	Cedar Rapids-Iowa City, IA Cedar Rapids, IA Iowa City, IA
170	16620 26580	Charleston-Huntington-Ashland, WV-OH-KY Charleston, WV Huntington-Ashland, WV-KY-OH
174	16860 17420	Chattanooga-Cleveland-Dalton, TN-GA Chattanooga, TN-GA Cleveland, TN
184	10420 15940 17460	Cleveland-Akron-Canton, OH (part) Akron, OH Canton-Massillon, OH Cleveland-Elyria-Mentor, OH
194	12220 17980	Columbus-Auburn-Opelika, GA-AL Auburn-Opelika, AL Columbus, GA
206	19100 43300	Dallas-Fort Worth, TX-OK Dallas-Fort Worth-Arlington, TX Sherman-Dennison, TX
216	14500 19740 24540	Denver-Aurora, CO Boulder, CO Denver-Aurora-Lakewood, CO Greeley, CO
220	11460 19820 22420 33780	Detroit-Warren-Ann Arbor, MI Ann Arbor, MI Detroit-Warren-Dearborn, MI Flint, MI Monroe, MI

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
238	21340 29740	El Paso-Las Cruces, TX-NM El Paso, TX Las Cruces, NM
266	24340 26100 34740	Grand Rapids-Wyoming-Muskegon, MI Grand Rapids-Wyoming, MI Holland-Grand Haven, MI* Muskegon-Norton Shores, MI
268	15500 24660 49180	Greensboro--Winston-Salem--High Point, NC Burlington, NC Greensboro-High Point, NC Winston-Salem, NC
273	24860 43900	Greenville-Spartanburg-Anderson, SC Greenville-Anderson-Mauldin, SC Spartanburg, SC
276	25420 49620	Harrisburg-York-Lebanon, PA Harrisburg-Carlisle, PA York-Hanover, PA
278	25540 35980	Hartford-West Hartford, CT Hartford-West Hartford-East Hartford, CT Norwich-New London, CT
304	27740 28700	Johnson City-Kingsport-Bristol, TN-VA (part) Johnson City, TN Kingsport-Bristol, TN-VA
310	12980 28020	Kalamazoo-Battle Creek-Portage, MI Battle Creek, MI Kalamazoo-Portage, MI
340	30780 38220	Little Rock-North Little Rock, AR Little Rock-North Little Rock-Conway, AR Pine Bluff, AR

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
348	31100 37100 40140	Los Angeles-Long Beach-Riverside, CA Los Angeles-Long Beach-Santa Ana, CA Oxnard-Thousand Oaks-Ventura, CA Riverside-San Bernardino-Ontario, CA
356	31420 47580	Macon-Warner Robins-Fort Valley, GA Macon, GA Warner Robins, GA
357	27500 31540	Madison-Janesville-Beloit, WI Janesville-Beloit, WI Madison, WI
370	33100 38940	Miami-Fort Lauderdale-Port St. Lucie, FL Miami-Fort Lauderdale-West Palm Beach, FL Port St. Lucie-Fort Pierce, FL
376	33340 39540	Milwaukee-Racine-Waukesha, WI Milwaukee-Waukesha-West Allis, WI Racine, WI
380	19300 33660	Mobile-Daphne-Fairhope, AL Daphne-Fairhope, AL Mobile, AL
408	10900 14860 20700 35300 35620 45940	New York-Newark-Bridgeport, NY-NJ-CT-PA Allentown-Bethlehem-Easton, PA-NJ Bridgeport-Stamford-Norwalk, CT East Stroudsburg, PA New Haven-Milford, CT New York-Newark-Jersey City, NY-NJ-PA Trenton, NJ
422	19660 36740	Orlando-Deltona-Daytona Beach, FL Deltona-Daytona Beach-Ormond Beach, FL Orlando-Kissimmee-Sanford, FL

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
428		Philadelphia-Reading-Camden, PA-NJ-DE-MD
	12100	Atlantic City-Hammonton, NJ
	20100	Dover, DE
	37980	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD
	39740	Reading, PA
	47220	Vineland-Bridgeton, NJ
438		Portland-Lewiston-South Portland, ME
	30340	Lewiston-Auburn, ME
	38860	Portland-South Portland, ME
440		Portland-Vancouver-Salem, OR-WA
	38900	Portland-Vancouver-Hillsboro, OR-WA
	41420	Salem, OR
450		Raleigh-Durham-Cary, NC
	20500	Durham-Chapel Hill, NC
	39580	Raleigh, NC
482		Salt Lake City-Provo-Orem, UT
	36260	Ogden-Clearfield, UT
	39340	Provo-Orem, UT
	41620	Salt Lake City, UT
488		San Jose-San Francisco-Oakland, CA
	41860	San Francisco-Oakland-Hayward, CA
	41940	San Jose-Sunnyvale-Santa Clara, CA
	42100	Santa Cruz-Watsonville, CA
	42220	Santa Rosa, CA
	44700	Stockton-Lodi, CA
	46700	Vallejo-Fairfield, CA
500		Seattle-Tacoma-Olympia, WA
	34580	Mount Vernon-Anacortes, WA
	42660	Seattle-Tacoma-Bellevue, WA

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
515		South Bend-Elkhart-Mishawaka, IN-MI
	21140	Elkhart-Goshen, IN
	35660	Niles-Benton Harbor, MI
	43780	South Bend-Mishawaka, IN-MI
518		Spokane-Spokane Valley-Coeur d'Alene, WA-ID
	17660	Coeur d'Alene, ID
	44060	Spokane-Spokane Valley, WA
546		Visalia-Porterville-Hanford, CA
	25260	Hanford-Corcoran, CA
	47300	Visalia-Porterville, CA
548		Washington-Baltimore-Arlington, DC-MD-VA-WV-PA
	12580	Baltimore-Columbia-Towson, MD
	15680	California-Lexington Park, MD
	16540	Chambersburg-Waynesboro, PA
	25180	Hagerstown-Martinsburg, MD-WV
	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
	49020	Winchester, VA-WV

List 3: Individual Principal Cities

Please Note: You must use the CBSA code in combination with the city code to uniquely identify principal cities. If a county name is provided, you must incorporate the county code into any algorithm used to tabulate a specific city's characteristics. The same applies to state codes for multi-state CBSA's.

CBSA Code	Title City	GTINDVPC
38060	Phoenix-Mesa-Scottsdale, AZ	
	Phoenix	1
	Mesa	2
	Scottsdale	3
	Tempe	4
	Glendale	5
30780	Little Rock-North Little Rock-Conway, AR	
	Little Rock	1
31080	Los Angeles-Long Beach-Anaheim, CA	
	Los Angeles County	
	Los Angeles	1
	Long Beach	2
	Glendale	3
	Pomona	4
	Torrance	5
	Pasadena	6
	Burbank	7
	Orange County	
	Santa Ana	1
	Anaheim	2
	Irvine	3
	Orange	4
	Fullerton	5
	Costa Mesa	6

CBSA Code	Title City	GTINDVPC
37100	Oxnard-Thousand Oaks-Ventura, CA	
	Oxnard	1
	Thousand Oaks	2
40140	Riverside-San Bernardino-Ontario, CA	
	Riverside	1
	San Bernardino	2
	Ontario	3
	Temecula	4
	Victorville	5
40900	Sacramento–Roseville-Arden-Arcade, CA	
	Sacramento	1
	Roseville	2
41740	San Diego-Carlsbad, CA	
	San Diego	1
	Carlsbad	2
41860	San Francisco-Oakland-Hayward, CA	
	San Francisco	1
	Alameda County	
	Oakland	1
	Fremont	2
	Hayward	3
	Berkeley	4
41940	San Jose-Sunnyvale-Santa Clara, CA	
	San Jose	1
	Sunnyvale	2
	Santa Clara	3
46700	Vallejo-Fairfield, CA	
	Vallejo	1
	Fairfield	2

CBSA Code	Title City	GTINDVPC
19740	Denver-Aurora-Lakewood, CO	
	Denver	1
	Lakewood	2
14860	Bridgeport-Stamford-Norwalk, CT	
	Bridgeport	1
	Stamford	2
25540	Hartford-West Hartford-East Hartford, CT	
	Hartford	1
33100	Miami-Fort Lauderdale-West Palm Beach, FL	
	Broward County	
	Fort Lauderdale	1
	Miami-Dade County	
	Miami	1
	1	
36740	Orlando-Kissimmee-Sanford, FL	
	Orlando	1
37340	Palm Bay-Melbourne-Titusville, FL	
	Palm Bay	1
45300	Tampa-St. Petersburg-Clearwater, FL	
	St. Petersburg	1
	Tampa	2
12060	Atlanta-Sandy Springs-Roswell, GA	
	Atlanta	1
16980	Chicago-Naperville-Elgin, IL-IN-WI	
	Chicago	1
	Naperville	2
	Joliet	3
	Elgin	4

CBSA Code	Title City	GTINDVPC
26900	Indianapolis-Carmel-Anderson. IN Indianapolis	1
28140	Kansas City, MO-KS Kansas portion Kansas City Overland Park Missouri portion Kansas City	 1 2 1
35380	New Orleans-Metairie, LA New Orleans Metairie	 1 2
12580	Baltimore-Columbia-Towson. MD Baltimore	 1
14460	Boston-Cambridge-Newton, MA-NH Massachusetts portion Boston Cambridge	 1 2
19820	Detroit-Warren-Dearborn, MI Wayne County Detroit Macomb County Warren	 1 1
33460	Minneapolis-St. Paul-Bloomington, MN-WI Minneapolis St. Paul	 1 2
29820	Las Vegas-Henderson--Paradise, NV Las Vegas Paradise Henderson	 1 2 3

CBSA Code	Title City	GTINDVPC
35620	New York-Newark- Jersey City, NY-NJ-PA	
	New Jersey portion	
	Newark	1
	Jersey City	2
	New York portion	
	New York	1
15380	Buffalo-Cheektowaga-Niagara Falls, NY	
	Buffalo	1
16740	Charlotte -Concord-Gastonia, NC-SC	
	Charlotte	1
38900	Portland-Vancouver-Hillsboro, OR-WA	
	Portland	1
34980	Nashville-Davidson—Murfreesboro—Franklin, TN	
	Nashville-Davidson	1
19100	Dallas-Fort Worth-Arlington, TX	
	Dallas	1
	Fort Worth	2
	Carrollton	3
	Plano	4
	Irving	5
	Arlington	6
26420	Houston-The Woodlands-Sugar Land, TX	
	Houston	1
32580	McAllen-Edinburg-Mission, TX	
	McAllen	1
47260	Virginia Beach-Norfolk-Newport News, VA-NC	
	Virginia portion	
	Virginia Beach	1
	Norfolk	2
	Newport News	3

CBSA Code	Title City	GTINDVPC
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV Virginia portion only Arlington	2
42660	Seattle-Tacoma-Bellevue, WA Seattle Tacoma Bellevue Everett	1 2 3 4
33340	Milwaukee-Waukesha-West Allis, WI Milwaukee	1

List 4: FIPS County Codes

Please note that these county codes must be used in conjunction with state codes to create unique county identifiers as county codes start with 001 in each state. Counties are only included on this list if the entire county is identified.

FIPS County Code	County Name	State
Alabama		
003	Baldwin	
081	Lee	
097	Mobile	
Arizona		
013	Maricopa	
019	Pima	
021	Pinal	
025	Yavapai	
027	Yuma	
California		
001	Alameda	
007	Butte	
019	Fresno	
029	Kern	
031	Kings	
037	Los Angeles	
053	Monterey	
059	Orange	
067	Sacramento	
073	San Diego	
075	San Francisco	
079	San Luis Obispo	
081	San Mateo	

FIPS County Code	County Name	State
083	Santa Barbara	
087	Santa Cruz	
089	Shasta	
095	Solano	
097	Sonoma	
099	Stanislaus	
107	Tulare	
111	Ventura	

Colorado

013	Boulder
031	Denver
059	Jefferson
069	Larimer
123	Weld

Connecticut

001	Fairfield
005	Litchfield*
009	New Haven
011	New London
015	Windham

Delaware

001	Kent
003	New Castle
005	Sussex

District of Columbia

001	District of Columbia
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FIPS County Code	County Name	State
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Florida

005	Bay
009	Brevard
011	Broward
019	Clay
021	Collier
033	Escambia
053	Hernando
057	Hillsborough
069	Lake
071	Lee
083	Marion
085	Martin
086	Miami-Dade
095	Orange
099	Palm Beach
101	Pasco
103	Pinellas
105	Polk
109	St. Johns
111	St. Lucie
113	Santa Rosa

Georgia

015	Bartow
045	Carroll
057	Cherokee
063	Clayton
077	Coweta
097	Douglas
113	Fayette
117	Forsythe
135	Gwinnett
139	Hall
151	Henry
223	Paulding

FIPS County Code	County Name	State
Hawaii		
003	Honolulu	
Illinois		
097	Lake	
111	McHenry	
119	Madison	
163	St. Clair	
179	Tazewell	
Indiana		
019	Clark	
039	Elkhart	
063	Hendricks	
081	Johnson	
089	Lake	
105	Monroe	
141	St. Joseph	
157	Tippecanoe	
Iowa		
103	Johnson	
113	Linn	
163	Scott	
Kansas		
091	Johnson	
173	Sedgwick	
Kentucky		
015	Boone	
067	Fayette	
111	Jefferson	
117	Kenton	

FIPS County Code	County Name	State
Louisiana		
005	Ascension	
033	East Baton Rouge	
051	Jefferson	
063	Livingston	
071	Orleans	
073	Ouachita	
103	St. Tammany	
Maine		
001	Androscoggin	
005	Cumberland	
011	Kennebec*	
019	Penobscot	
Maryland		
003	Anne Arundel	
013	Carroll	
015	Cecil	
017	Charles	
025	Harford	
031	Montgomery	
033	Prince Georges	
037	St. Mary's	
510	Baltimore City	

FIPS County Code	County Name	State
Massachusetts		
001	Barnstable	
005	Bristol	
013	Hampden	
015	Hampshire	
017	Middlesex	
023	Plymouth	
025	Suffolk	
027	Worcester	
Michigan		
005	Allegan*	
021	Berrien	
025	Calhoun	
049	Genesee	
075	Jackson	
081	Kent	
093	Livingston	
099	Macomb	
115	Monroe	
121	Muskegon	
125	Oakland	
145	Saginaw	
161	Washtenaw	
163	Wayne	
Minnesota		
003	Anoka	
123	Ramsey	
139	Scott	
163	Washington	
171	Wright	

FIPS County Code	County Name	State
Missouri		
071	Franklin	
099	Jefferson	
189	St. Louis	
Montana		
111	Yellowstone	
Nebraska		
055	Douglas	
Nevada		
003	Clark	
New Hampshire		
011	Hillsborough	
013	Merrimack*	
015	Rockingham	
017	Strafford	
New Jersey		
003	Bergen	
005	Burlington	
007	Camden	
011	Cumberland	
013	Essex	
017	Hudson	
019	Hunterdon	
021	Mercer	
023	Middlesex	
027	Morris	
031	Passaic	

FIPS County Code	County Name	State
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035	Somerset	
037	Sussex	
039	Union	

New Mexico

001	Bernalillo	
013	Dona Ana	
045	San Juan	
049	Santa Fe	

New York

005	Bronx	
045	Jefferson	
047	Kings	
055	Monroe	
059	Nassau	
061	New York	
067	Onondaga	
069	Ontario	
071	Orange	
081	Queens	
085	Richmond	
087	Rockland	
091	Saratoga	
103	Suffolk	
119	Westchester	

North Carolina

001	Alamance	
021	Buncombe	
057	Davidson	
067	Forsyth	
119	Mecklenburg	
133	Onslow	
147	Pitt	

FIPS County Code	County Name	State
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155	Robeson*	
159	Rowan	
179	Union	
191	Wayne	

Ohio

025	Clermont	
057	Greene	
085	Lake	
089	Licking	
095	Lucas	
103	Medina	
109	Miami	
113	Montgomery	
133	Portage	
153	Summit	

Oregon

017	Deschutes	
029	Jackson	
039	Lane	

Pennsylvania

003	Allegheny	
007	Beaver	
011	Berks	
017	Bucks	
019	Butler	
021	Cambria	
029	Chester	
043	Dauphin	
045	Delaware	
049	Erie	
055	Franklin	
071	Lancaster	

FIPS County Code	County Name	State
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081	Lycoming	
085	Mercer	
089	Monroe	
091	Montgomery	
101	Philadelphia	
107	Schuylkill*	
125	Washington	
129	Westmoreland	
133	York	

South Carolina

041	Florence	
051	Horry	
083	Spartanburg	
091	York	

Tennessee

009	Blount	
093	Knox	
125	Montgomery	
165	Sumner	
189	Wilson	

Texas

041	Brazos	
061	Cameron	
135	Ector	
139	Ellis	
181	Grayson	
183	Gregg	
215	Hidalgo	
251	Johnson	
303	Lubbock	
309	McLennan	
423	Smith	

FIPS County Code	County Name	State
441	Taylor	
479	Webb	
485	Wichita	
		Utah
053	Washington	
		Virginia
013	Arlington	
041	Chesterfield	
087	Henrico	
107	Loudoun	
153	Prince William	
177	Spotsylvania	
179	Stafford	
550	Chesapeake City	
700	Newport News City	
710	Norfolk City	
760	Richmond City	
810	Virginia Beach City	
		Washington
057	Skagit	
		West Virginia
039	Kanawha	
		Wisconsin
059	Kenosha	
073	Marathon	
101	Racine	
105	Rock	
139	Winnebago	

* Counties marked with an asterisk (*) are also single county Micropolitan Statistical Areas.

They are not otherwise identified on the files. A list of such areas on the files is as follows:

CBSA Code	Title	County Name	County Code
12300	Augusta-Waterville, ME	Kennebec	005
18180	Concord, NH	Merrimack	011
26090	Holland, MI	Allegan	005
31300	Lumberton, NC	Robeson	155
39060	Pottsville, PA	Schuylkill	107
45860	Torrington, CT	Litchfield	005

ATTACHMENT 12

Topcoding of Usual Hourly Earnings

This variable will be topcoded based on an individual's usual hours worked variable, if the individual's edited usual weekly earnings variable is \$999. The topcode is computed such that the product of usual hours times usual hourly wage does not exceed an annualized wage of \$150,000 (\$2,885.00 per week). Below is a list of the appropriate topcode.

Hours	Topcode	Hours	Topcode	Hours	Topcode
1	None	34	\$84.85	67	\$43.06
2	None	35	\$82.43	68	\$42.43
3	None	36	\$80.14	69	\$41.81
4	None	37	\$77.97	70	\$41.21
5	None	38	\$75.92	71	\$40.63
6	None	39	\$73.97	72	\$40.07
7	None	40	\$72.13	73	\$39.52
8	None	41	\$70.37	74	\$38.99
9	None	42	\$68.69	75	\$38.47
10	None	43	\$67.09	76	\$37.96
11	None	44	\$65.57	77	\$37.47
12	None	45	\$64.11	78	\$36.99
13	None	46	\$62.72	79	\$36.52
14	None	47	\$61.38	80	\$36.06
15	None	48	\$60.10	81	\$35.62
16	None	49	\$58.88	82	\$35.18
17	None	50	\$57.70	83	\$34.76
18	None	51	\$56.57	84	\$34.35
19	None	52	\$55.48	85	\$33.94
20	None	53	\$54.43	86	\$33.55
21	None	54	\$53.43	87	\$33.16
22	None	55	\$52.45	88	\$32.78
23	None	56	\$51.52	89	\$32.42
24	None	57	\$50.61	90	\$32.06
25	None	58	\$49.74	91	\$31.70
26	None	59	\$48.90	92	\$31.36
27	None	60	\$48.08	93	\$31.02
28	None	61	\$47.30	94	\$30.69
29	\$99.48	62	\$46.53	95	\$30.37
30	\$96.17	63	\$45.79	96	\$30.05
31	\$93.06	64	\$45.08	97	\$29.74
32	\$90.16	65	\$44.38	98	\$29.44
33	\$87.42	66	\$43.71	99	\$29.14

ATTACHMENT 13

SELECTED TALLIES OF UNWEIGHTED COUNTS

Item	Value	Description	Tallies
PRAFWHEN	1	September 2001 or later	1241
	2	August 1990 to August 2001	1011
	3	May 1975 to July 1990	1184
	4	Vietnam era (Aug 1964 to Apr 1975)	2671
	5	February 1955 to July 1964	662
	6	Korean War (July 1950 to January 1955)	492
	7	January 1947 to June 1950	32
	8	World War II (December 1941 to December 1946)	127

PES1	1	Yes	1079
	2	No	1312

PES1A	1	Yes	58
	2	No	604

PES1B	-9	No Response	10
	-3	Refused	45
	-2	Don't Know	6
	1	Yes	245
	2	No	1488

PES1C	-9	No Response	11
	-3	Refused	44
	-2	Don't Know	7
	1	Yes	359
	2	No	1128

PES1D	1	Yes	64
	2	No	539

PES4	-9	No Response	14
	-3	Refused	111
	-2	Don't Know	41
	1	Yes	1413
	2	No	4548

PTS5	1	0 percent	54
	2	1 - 29 percent	373
	3	30 - 49 percent	189
	4	50 - 69 percent	181
	5	70+ percent	480

Item	Value	Description	Tallies
PES7	-9	No Response	1
	-3	Refused	11
	-2	Don't Know	9
	1	Yes	389
	2	No	1003
PES8	-9	No Response	1
	-3	Refused	6
	-2	Don't Know	5
	1	Yes	368
	2	No	470
PES10A	-9	No Response	45
	-3	Refused	133
	-2	Don't Know	37
	1	Air Force	1067
	2	Army	2787
	3	Coast Guard	90
	4	Marine	607
	5	Navy	1222
	6	Other	139
PES10B	-9	No Response	76
	-3	Refused	104
	-2	Don't Know	53
	1	Yes	456
	2	No	3988
PES10C	-9	No Response	0
	-3	Refused	0
	-2	Don't Know	3
	1	Yes	237
	2	No	216
PES11	-9	No Response	53
	-3	Refused	141
	-2	Don't Know	140
	1	Less than 6 months	269
	2	6 months to 2 years	557
	3	2 to 3 years	1832
	4	3 to 4 years	1549
	5	5 to 9 years	735
	6	10 to 14 years	229
	7	15 to 19 years	67
	8	20+ years	555

Item	Value	Description	Tallies
PES11A	-9	No Response	57
	-3	Refused	138
	-2	Don't Know	86
	1	Yes	1994
	2	No	3852
PES12	-9	No Response	11
	-3	Refused	7
	-2	Don't Know	47
	1	Yes	686
	2	No	978
PES12AA	-3	Refused	1
	-2	Don't Know	7
	1	Yes	439
	2	No	210
	3	Other (specify)	29
PES12C1	-9	No Response	1
	-3	Refused	0
	-2	Don't Know	34
	1	Yes	157
	2	No	492
PES12C2	1	Yes	123
	2	No	526
PES12C3	1	Yes	187
	2	No	462
PES12C4	1	Yes	288
	2	No	361
PES12C5	1	Yes	56
	2	No	593
PES12C6	1	Yes	94
	2	No	555
PES12C7	1	Yes	91
	2	No	558
PES12C8	1	Yes	66
	2	No	583

Item	Value	Description	Tallies
PES12C9	1	Yes	73
	2	No	576

PES16AA	-9	No Response	0
	-3	Refused	1
	-2	Don't Know	6
	1	Yes	890
	2	No	99
	3	Other (specify)	5

ATTACHMENT 14

COUNTRIES AND AREAS OF THE WORLD

Current Population Survey

Starting May 2012

Code	Name	Code	Name
057	United States	158	Armenia
060	American Samoa	159	Azerbaijan
066	Guam	160	Belarus
069	Northern Marianas	161	Georgia
073	Puerto Rico	162	Moldova
078	U. S. Virgin Islands	163	Russia
100	Albania	164	Ukraine
102	Austria	165	USSR
103	Belgium	166	Europe, not specified
104	Bulgaria	168	Montenegro
105	Czechoslovakia	200	Afghanistan
106	Denmark	202	Bangladesh
108	Finland	203	Bhutan
109	France	205	Myanmar (Burma)
110	Germany	206	Cambodia
116	Greece	207	China
117	Hungary	209	Hong Kong
118	Iceland	210	India
119	Ireland	211	Indonesia
120	Italy	212	Iran
126	Netherlands	213	Iraq
127	Norway	214	Israel
128	Poland	215	Japan
129	Portugal	216	Jordan
130	Azores	217	Korea
132	Romania	218	Kazakhstan
134	Spain	220	South Korea
136	Sweden	222	Kuwait
137	Switzerland	223	Laos
138	United Kingdom	224	Lebanon
139	England	226	Malaysia
140	Scotland	228	Mongolia
142	Northern Ireland	229	Nepal
147	Yugoslavia	231	Pakistan
148	Czech Republic	233	Philippines
149	Slovakia	235	Saudi Arabia
150	Bosnia & Herzegovina	236	Singapore
151	Croatia	238	Sri Lanka
152	Macedonia	239	Syria
154	Serbia	240	Taiwan
155	Estonia	242	Thailand
156	Latvia	243	Turkey
157	Lithuania	245	United Arab Emirates

Code	Name	Code	Name
246	Uzbekistan	373	Venezuela
247	Vietnam	374	South America, not specified
248	Yemen	399	Americas, not specified
249	Asia, not specified	400	Algeria
300	Bermuda	407	Cameroon
301	Canada	408	Cape Verde
303	Mexico	412	Congo
310	Belize	414	Egypt
311	Costa Rica	416	Ethiopia
312	El Salvador	417	Eritrea
313	Guatemala	421	Ghana
314	Honduras	423	Guinea
315	Nicaragua	425	Ivory Coast
316	Panama	427	Kenya
321	Antigua and Barbuda	429	Liberia
323	Bahamas	430	Libya
324	Barbados	436	Morocco
327	Cuba	440	Nigeria
328	Dominica	444	Senegal
329	Dominican Republic	447	Sierra Leone
330	Grenada	448	Somalia
332	Haiti	449	South Africa
333	Jamaica	451	Sudan
338	St. Kitts--Nevis	453	Tanzania
339	St. Lucia	454	Togo
340	St. Vincent and the Grenadines	457	Uganda
341	Trinidad and Tobago	459	Zaire
343	West Indies, not specified	460	Zambia
360	Argentina	461	Zimbabwe
361	Bolivia	462	Africa, not specified
362	Brazil	501	Australia
363	Chile	508	Fiji
364	Columbia	511	Marshall Islands
365	Ecuador	512	Micronesia
368	Guyana	515	New Zealand
369	Paraguay	523	Tonga
370	Peru	527	Samoa
372	Uruguay	555	Elsewhere

ATTACHMENT 15

ALLOCATION FLAGS

Current Population Survey

For every edited item, there is a corresponding allocation flag with the prefix "PX". The last six characters of the names are the same. For example, PXMLR is the allocation flag for PEMLR. All allocation flags have the following list of possible values.

00	VALUE - NO CHANGE
01	BLANK - NO CHANGE
02	DON'T KNOW - NO CHANGE
03	REFUSED - NO CHANGE
10	VALUE TO VALUE
11	BLANK TO VALUE
12	DON'T KNOW TO VALUE
13	REFUSED TO VALUE
20	VALUE TO LONGITUDINAL VALUE
21	BLANK TO LONGITUDINAL VALUE
22	DON'T KNOW TO LONGITUDINAL VALUE
23	REFUSED TO LONGITUDINAL VALUE
30	VALUE TO ALLOCATED VALUE LONG.
31	BLANK TO ALLOCATED VALUE LONG.
32	DON'T KNOW TO ALLOCATED VALUE LONG.
33	REFUSED TO ALLOCATED VALUE LONG.
40	VALUE TO ALLOCATED VALUE
41	BLANK TO ALLOCATED VALUE
42	DON'T KNOW TO ALLOCATED VALUE
43	REFUSED TO ALLOCATED VALUE
50	VALUE TO BLANK
52	DON'T KNOW TO BLANK
53	REFUSED TO BLANK

ATTACHMENT 16

Source of the Data and Accuracy of the Estimates for the August 2018 Current Population Survey (CPS) Microdata File on Veterans

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Source of the Data and Accuracy of the Estimates for the August 2018 Current Population Survey Microdata File on Veterans

SOURCE OF THE DATA

The data in this microdata file are from the August 2018 Current Population Survey (CPS). The U.S. Census Bureau conducts the CPS every month, although this file has only August data. The August survey uses two sets of questions, the basic CPS and a set of supplemental questions. The CPS, sponsored jointly by the Census Bureau and the U.S. Bureau of Labor Statistics, is the country's primary source of labor force statistics for the civilian noninstitutionalized population. The Department of Veterans Affairs and the Department of Labor jointly sponsor the supplemental questions for August.

Basic CPS. The monthly CPS collects primarily labor force data about the civilian noninstitutionalized population living in the United States. The institutionalized population, which is excluded from the population universe, is composed primarily of the population in correctional institutions and nursing homes (98 percent of the 4.0 million institutionalized people in Census 2010). Starting August 2017, college and university dormitories were also excluded from the population universe because the majority of the residents had usual residences elsewhere. Interviewers ask questions concerning labor force participation about each member 15 years old and over in sample households. Typically, the week containing the nineteenth of the month is the interview week. The week containing the twelfth is the reference week (i.e., the week about which the labor force questions are asked).

The CPS uses a multistage probability sample based on the results of the decennial census, with coverage in all 50 states and the District of Columbia. The sample is continually updated to account for new residential construction. When files from the most recent decennial census become available, the Census Bureau gradually introduces a new sample design for the CPS.

Every ten years, the CPS first stage sample is redesigned¹ reflecting changes based on the most recent decennial census. In the first stage of the sampling process, primary sampling units (PSUs)² were selected for sample. In the 2010 sample design, the United States was divided into 1,987 PSUs. These PSUs were then grouped into 852 strata. Within each stratum, a single PSU was chosen for the sample, with its probability of selection proportional to its population as of the most recent decennial census. In the case of strata consisting of only one PSU, the PSU was chosen with certainty.

¹ For detailed information on the 2010 sample redesign, please see Bureau of Labor Statistics (2014).

² The PSUs correspond to substate areas (i.e., counties or groups of counties) that are geographically contiguous.

Approximately 71,000 housing units were selected for sample from the sampling frame in August. Based on eligibility criteria, ten percent of these housing units were sent directly to computer-assisted telephone interviewing (CATI). The remaining units were assigned to interviewers for computer-assisted personal interviewing (CAPI).³ Of all housing units in sample, about 60,000 were determined to be eligible for interview. Interviewers obtained interviews at about 51,000 of these units. Noninterviews occur when the occupants are not found at home after repeated calls or are unavailable for some other reason.

August 2018 Supplement. In August 2018, in addition to the basic CPS questions, interviewers asked supplementary questions of veterans on year of discharge, disability, and job assistance.

Estimation Procedure. This survey's estimation procedure adjusts weighted sample results to agree with independently derived population estimates of the civilian noninstitutionalized population of the United States and each state (including the District of Columbia). These population estimates, used as controls for the CPS, are prepared monthly to agree with the most current set of population estimates that are released as part of the Census Bureau's population estimates and projections program.

The population controls for the nation are distributed by demographic characteristics in two ways:

- Age, sex, and race (White alone, Black alone, and all other groups combined).
- Age, sex, and Hispanic origin.

The population controls for the states are distributed by race (Black alone and all other race groups combined), age (0-15, 16-44, and 45 and over), and sex.

The independent estimates by age, sex, race, and Hispanic origin, and for states by selected age groups and broad race categories, are developed using the basic demographic accounting formula whereby the population from the 2010 Census data is updated using data on the components of population change (births, deaths, and net international migration) with net internal migration as an additional component in the state population estimates.

The net international migration component of the population estimates includes:

- Net international migration of the foreign born;
- Net migration between the United States and Puerto Rico;
- Net migration of natives to and from the United States; and

³ For further information on CATI and CAPI and the eligibility criteria, please see U.S. Census Bureau (2006).

- Net movement of the Armed Forces population to and from the United States.

Because the latest available information on these components lags the survey date, it is necessary to make short-term projections of these components to develop the estimate for the survey date.

ACCURACY OF THE ESTIMATES

A sample survey estimate has two types of error: sampling and nonsampling. The accuracy of an estimate depends on both types of error. The nature of the sampling error is known given the survey design; the full extent of the nonsampling error is unknown.

Sampling Error. Since the CPS estimates come from a sample, they may differ from figures from an enumeration of the entire population using the same questionnaires, instructions, and enumerators. For a given estimator, the difference between an estimate based on a sample and the estimate that would result if the sample were to include the entire population is known as sampling error. Standard errors, as calculated by methods described in “Standard Errors and Their Use,” are primarily measures of the magnitude of sampling error. However, they may include some nonsampling error.

Nonsampling Error. For a given estimator, the difference between the estimate that would result if the sample were to include the entire population and the true population value being estimated is known as nonsampling error. There are several sources of nonsampling error that may occur during the development or execution of the survey. It can occur because of circumstances created by the interviewer, the respondent, the survey instrument, or the way the data are collected and processed. For example, errors could occur because:

- The interviewer records the wrong answer, the respondent provides incorrect information, the respondent estimates the requested information, or an unclear survey question is misunderstood by the respondent (measurement error).
- Some individuals who should have been included in the survey frame were missed (coverage error).
- Responses are not collected from all those in the sample or the respondent is unwilling to provide information (nonresponse error).
- Values are estimated imprecisely for missing data (imputation error).
- Forms may be lost, data may be incorrectly keyed, coded, or recoded, etc. (processing error).

To minimize these errors, the Census Bureau applies quality control procedures during all stages of the production process including the design of the survey, the wording of questions, the review of the work of interviewers and coders, and the statistical review of reports.

Two types of nonsampling error that can be examined to a limited extent are nonresponse and undercoverage.

Nonresponse. The effect of nonresponse cannot be measured directly, but one indication of its potential effect is the nonresponse rate. For the August 2018 basic CPS, the household-level nonresponse rate was 15.5 percent. The person-level nonresponse rate for the Veterans supplement was an additional 13.8 percent. Since the basic CPS nonresponse rate is a household-level rate and the Veterans supplement nonresponse rate is a person-level rate, we cannot combine these rates to derive an overall nonresponse rate. Nonresponding households may have fewer persons than interviewed ones, so combining these rates may lead to an overestimate of the true overall nonresponse rate for persons for the Veterans supplement.

Sufficient Partial Interview. A sufficient partial interview is an incomplete interview in which the household or person answered enough of the questionnaire for the supplement sponsor to consider the interview complete. The remaining supplement questions may have been edited or imputed to fill in missing values. Insufficient partial interviews are considered to be nonrespondents. Refer to the supplement overview attachment in the technical documentation for the specific questions deemed critical by the sponsor as necessary to be answered in order to be considered a sufficient partial interview.

As part of the nonsampling error analysis, the item response rates, item refusal rates, and edits are reviewed. For the Veterans supplement, the item refusal rates range from 0.0 percent to 1.3 percent. The item allocation rates range from 0.2 percent to 0.7 percent. The item nonresponse rates range from 0.0 percent to 4.1 percent.

Coverage. The concept of coverage in the survey sampling process is the extent to which the total population that could be selected for sample “covers” the survey’s target population. Missed housing units and missed people within sample households create undercoverage in the CPS. Overall CPS undercoverage for August 2018 is estimated to be about 11 percent. CPS coverage varies with age, sex, and race. Generally, coverage is higher for females than for males and higher for non-Blacks than for Blacks. This differential coverage is a general problem for most household-based surveys.

The CPS weighting procedure partially corrects for bias from undercoverage, but biases may still be present when people who are missed by the survey differ from those interviewed in ways other than age, race, sex, Hispanic origin, and state of residence. How this weighting procedure affects other variables in the survey is not precisely known. All of these considerations affect comparisons across different surveys or data sources.

A common measure of survey coverage is the coverage ratio, calculated as the estimated population before poststratification divided by the independent population control. Table 1 shows August 2018 CPS coverage ratios by age and sex for certain race and Hispanic groups. The CPS coverage ratios can exhibit some variability from month to month.

**Table 1. Current Population Survey Coverage Ratios{tc "CPS Coverage Ratios " \f D }:
August 2018**

Age group	<u>Total</u>			<u>White only</u>		<u>Black only</u>		<u>Residual race^A</u>		<u>Hispanic^B</u>	
	All people	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-15	0.87	0.86	0.87	0.90	0.91	0.71	0.70	0.83	0.81	0.80	0.82
16-19	0.86	0.87	0.85	0.90	0.88	0.76	0.70	0.80	0.82	0.82	0.76
20-24	0.76	0.76	0.75	0.79	0.78	0.66	0.66	0.72	0.69	0.73	0.73
25-34	0.81	0.78	0.84	0.81	0.87	0.63	0.73	0.75	0.76	0.68	0.82
35-44	0.89	0.87	0.92	0.90	0.96	0.73	0.75	0.81	0.86	0.77	0.88
45-54	0.90	0.89	0.91	0.92	0.94	0.72	0.78	0.84	0.88	0.78	0.86
55-64	0.93	0.92	0.94	0.95	0.96	0.82	0.88	0.82	0.84	0.82	0.83
65+	0.97	0.97	0.98	0.98	0.99	0.95	0.97	0.85	0.80	0.87	0.87
15+	0.89	0.88	0.90	0.91	0.93	0.75	0.79	0.80	0.81	0.77	0.83
0+	0.88	0.87	0.89	0.90	0.93	0.74	0.78	0.81	0.81	0.78	0.83

Source: U.S. Census Bureau, Current Population Survey, August 2018.

^A The Residual race group includes cases indicating a single race other than White or Black, and cases indicating two or more races.

^B Hispanics may be any race.

Note: For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.

Comparability of Data{ TC "Comparability of Data" \f C \l "2" }. Data obtained from the CPS and other sources are not entirely comparable. This results from differences in interviewer training and experience and in differing survey processes. This is an example of nonsampling variability not reflected in the standard errors. Therefore, caution should be used when comparing results from different sources.

Data users should be careful when comparing the data from this microdata file, which reflects 2010 Census-based controls, with microdata files from January 2003 through December 2011, which reflect 2000 Census-based controls. Ideally, the same population controls should be used when comparing any estimates. In reality, the use of the same population controls is not practical when comparing trend data over a period of 10 to 20 years. Thus, when it is necessary to combine or compare data based on different controls or different designs, data users should be aware that changes in weighting controls or weighting procedures can create small differences between estimates. See the discussion following for information on comparing estimates derived from different controls or different sample designs.

Microdata files from previous years reflect the latest available census-based controls. Although the most recent change in population controls had relatively little impact on summary measures such as averages, medians, and percentage distributions, it did have a significant impact on levels. For example, use of 2010 Census-based controls results in

about a 0.2 percent increase from the 2000 census-based controls in the civilian noninstitutionalized population and in the number of families and households. Thus, estimates of levels for data collected in 2012 and later years will differ from those for earlier years by more than what could be attributed to actual changes in the population. These differences could be disproportionately greater for certain population subgroups than for the total population.

Users should also exercise caution because of changes caused by the phase-in of the Census 2010 files (see “Basic CPS”).⁴ During this time period, CPS data were collected from sample designs based on different censuses. Two features of the new CPS design have the potential of affecting published estimates: (1) the temporary disruption of the rotation pattern from August 2014 through June 2015 for a comparatively small portion of the sample and (2) the change in sample areas. Most of the known effect on estimates during and after the sample redesign will be the result of changing from 2000 to 2010 geographic definitions. Research has shown that the national-level estimates of the metropolitan and nonmetropolitan populations should not change appreciably because of the new sample design. However, users should still exercise caution when comparing metropolitan and nonmetropolitan estimates across years with a design change, especially at the state level.

Caution should also be used when comparing Hispanic estimates over time. No independent population control totals for people of Hispanic origin were used before 1985.

A Nonsampling Error Warning. Since the full extent of the nonsampling error is unknown, one should be particularly careful when interpreting results based on small differences between estimates. The Census Bureau recommends that data users incorporate information about nonsampling errors into their analyses, as nonsampling error could impact the conclusions drawn from the results. Caution should also be used when interpreting results based on a relatively small number of cases. Summary measures (such as medians and percentage distributions) probably do not reveal useful information when computed on a subpopulation smaller than 75,000.

For additional information on nonsampling error, including the possible impact on CPS data, when known, refer to U.S. Census Bureau (2006) and Brooks & Bailer (1978).

Standard Errors and Their Use. The sample estimate and its standard error enable one to construct a confidence interval. A confidence interval is a range about a given estimate that has a specified probability of containing the average result of all possible samples. For example, if all possible samples were surveyed under essentially the same general conditions and using the same sample design, and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the intervals from 1.645 standard errors below the estimate to 1.645 standard errors above the estimate would include the average result of all possible samples.

⁴ The phase-in process using the 2010 Census files began April 2014.

A particular confidence interval may or may not contain the average estimate derived from all possible samples, but one can say with specified confidence that the interval includes the average estimate calculated from all possible samples.

Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. The most common type of hypothesis is that the population parameters are different. An example of this would be comparing the percentage of men who were part-time workers to the percentage of women who were part-time workers.

Tests may be performed at various levels of significance. A significance level is the probability of concluding that the characteristics are different when, in fact, they are the same. For example, to conclude that two characteristics are different at the 0.10 level of significance, the absolute value of the estimated difference between characteristics must be greater than or equal to 1.645 times the standard error of the difference.

The Census Bureau uses 90-percent confidence intervals and 0.10 levels of significance to determine statistical validity. Consult standard statistical textbooks for alternative criteria.

Estimating Standard Errors. The Census Bureau uses replication methods to estimate the standard errors of CPS estimates. These methods primarily measure the magnitude of sampling error. However, they do measure some effects of nonsampling error as well. They do not measure systematic biases in the data associated with nonsampling error. Bias is the average over all possible samples of the differences between the sample estimates and the true value.

There are two ways to calculate standard errors for the CPS microdata file on Veterans. They are:

- Direct estimates created from replicate weighting methods;
- Generalized variance estimates created from generalized variance function parameters a and b .

While replicate weighting methods provide the most accurate variance estimates, this approach requires more computing resources and more expertise on the part of the user. The Generalized Variance Function (GVF) parameters provide a method of balancing accuracy with resource usage as well as a smoothing effect on standard error estimates across time. For more information on calculating direct estimates, see U.S. Census Bureau (2009). For more information on GVF estimates, refer to the “Generalized Variance Parameters” section.

Generalized Variance Parameters. While it is possible to compute and present an estimate of the standard error based on the survey data for each estimate in a report, there

are a number of reasons why this is not done. A presentation of the individual standard errors would be of limited use, since one could not possibly predict all of the combinations of results that may be of interest to data users. Additionally, data users have access to CPS microdata files, and it is impossible to compute in advance the standard error for every estimate one might obtain from those data sets. Moreover, variance estimates are based on sample data and have variances of their own. Therefore, some methods of stabilizing these estimates of variance, for example, by generalizing or averaging over time, may be used to improve their reliability.

Experience has shown that certain groups of estimates have similar relationships between their variances and expected values. Modeling or generalizing may provide more stable variance estimates by taking advantage of these similarities. The GVF is a simple model that expresses the variance as a function of the expected value of the survey estimate. The parameters of the GVF are estimated using direct replicate variances. These GVF parameters provide a relatively easy method to obtain approximate standard errors for numerous characteristics.

In this source and accuracy statement, Tables 3 through 5 provide illustrations for calculating standard errors. Table 6 provides the GVF parameters for labor force estimates, and Table 7 provides GVF parameters for characteristics from the Veterans supplement.

The basic CPS questionnaire records the race and ethnicity of each respondent. With respect to race, a respondent can be White, Black, Asian, American Indian and Alaskan Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI), or combinations of two or more of the preceding. A respondent's ethnicity can be Hispanic or non-Hispanic, regardless of race.

The GVF parameters to use in computing standard errors are dependent upon the race/ethnicity group of interest. The following table summarizes the relationship between the race/ethnicity group of interest and the GVF parameters to use in standard error calculations.

Table 2. Estimation Groups of Interest and Generalized Variance Parameters

Race/ethnicity group of interest	Generalized variance parameters to use in standard error calculations
Total population	Total or White
White alone, White alone or in combination (AOIC), or White non-Hispanic population	Total or White
Black alone, Black AOIC, or Black non-Hispanic population	Black
Asian alone, Asian AOIC, or Asian non-Hispanic population	Asian, American Indian and Alaska Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI)
AIAN alone, AIAN AOIC, or AIAN non-Hispanic population	Asian, AIAN, NHOPI
NHOPI alone, NHOPI AOIC, or NHOPI non-Hispanic population	Asian, AIAN, NHOPI
Populations from other race groups	Asian, AIAN, NHOPI
Hispanic ^A population	Hispanic ^A
Two or more races ^B – employment/unemployment and educational attainment characteristics	Black
Two or more races ^B – all other characteristics	Asian, AIAN, NHOPI

Source: U.S. Census Bureau, Current Population Survey, internal data files.

^A Hispanics may be any race.

^B Two or more races refers to the group of cases self-classified as having two or more races.

When calculating standard errors for an estimate of interest from cross-tabulations involving different characteristics, use the set of GVF parameters for the characteristic that will give the largest standard error. If the estimate of interest is strictly from basic CPS data, the GVF parameters will come from the CPS GVF table (Table 6). If the estimate is using Veterans supplement data, the GVF parameters will come from the Veterans supplement GVF table (Table 7).

Standard Errors of Estimated Numbers. The approximate standard error, s_x , of an estimated number from this microdata file can be obtained by using the formula:

$$s_x = \sqrt{ax^2 + bx} \quad (1)$$

Here x is the size of the estimate, and a and b are the parameters in Table 6 or 7 associated with the particular type of characteristic.

Illustration 1

Suppose there were 2,936,000 unemployed nonveterans, aged 18 to 34, in the civilian labor force. Use the appropriate parameters from Table 6 and Formula (1) to get

Table 3. Illustration of Standard Errors of Estimated Numbers

Number of unemployed nonveterans in the civilian labor force (x)	2,936,000
a-parameter (a)	-0.000017
b-parameter (b)	3,244
Standard error	97,000
90-percent confidence interval	2,776,000 to 3,096,000

Source: U.S. Census Bureau, Current Population Survey, Veterans Supplement, August 2018.

The standard error is calculated as

$$s_x = \sqrt{-0.000017 \times 2,936,000^2 + 3,244 \times 2,936,000},$$

which, rounded to the nearest thousand, is 97,000. The 90-percent confidence interval is calculated as $2,936,000 \pm 1.645 \times 97,000$.

A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

Standard Errors of Estimated Percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the percentage and its base. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. When the numerator and denominator of the percentage are in different categories, use the parameter from Table 6 or 7 as indicated by the numerator.

The approximate standard error, $s_{y,p}$, of an estimated percentage can be obtained by using the formula:

$$s_{y,p} = \sqrt{\frac{b}{y} p(100 - p)} \quad (2)$$

Here y is the total number of people, families, households, or unrelated individuals in the base or denominator of the percentage, p is the percentage $100 \times x/y$ ($0 \leq p \leq 100$), and b is the parameter in Table 6 or 7 associated with the characteristic in the numerator of the percentage.

Illustration 2

Suppose there were 1,575,000 Gulf War veterans aged 18 to 34 in the civilian labor force, and 5.5 percent were unemployed. Use the appropriate parameter from Table 7 and Formula (2) to get

Table 4. Illustration of Standard Errors of Estimated Percentages

Percentage of Gulf War veterans, aged 18-34, unemployed (p)	5.5
Base (y)	1,575,000
b-parameter (b)	3,244
Standard error	1.03
90-percent confidence interval	3.8 to 7.2

Source: U.S. Census Bureau, Current Population Survey, Veterans Supplement, August 2018.

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{3,244}{1,575,000} \times 5.5 \times (100.0 - 5.5)} = 1.03$$

The 90-percent confidence interval for the estimated percentage of unemployed Gulf War veterans aged 18 to 34 in the civilian labor force is from 3.8 to 7.2 percent (i.e., $5.5 \pm 1.645 \times 1.03$).

Standard Errors of Estimated Differences. The standard error of the difference between two sample estimates is approximately equal to

$$s_{x_1-x_2} = \sqrt{s_{x_1}^2 + s_{x_2}^2} \quad (3)$$

where s_{x_1} and s_{x_2} are the standard errors of the estimates, x_1 and x_2 . The estimates can be numbers, percentages, ratios, etc. This will result in accurate estimates of the standard error of the same characteristic in two different areas or for the difference between separate and uncorrelated characteristics in the same area. However, if there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

Illustration 3

Suppose that of the 1,575,000 Gulf War veterans in the civilian labor force between 18 and 34 years of age, 5.5 percent were unemployed, and of the 54,031,000 nonveterans in the civilian labor force between 18 and 34 years of age, 5.4 percent were unemployed. Use the appropriate parameters from Tables 6 and 7 and Formulas (2) and (3) to get

Table 5. Illustration of Standard Errors of Estimated Differences

	Gulf War Veterans (x_1)	Nonveterans (x_2)	Difference
Percentage unemployed aged 18 to 34 (p)	5.5	5.4	0.1
Base (y)	1,575,000	54,031,000	-
b-parameter (b)	3,244	3,244	-
Standard error	1.03	0.18	1.05
90-percent confidence interval	3.8 to 7.2	5.1 to 5.7	-1.6 to 1.8

Source: U.S. Census Bureau, Current Population Survey, Veterans Supplement, August 2018.

The standard error of the difference is calculated as

$$s_{x_1-x_2} = \sqrt{1.03^2 + 0.18^2} = 1.05$$

The 90-percent confidence interval around the difference is calculated as $0.1 \pm 1.645 \times 1.05$. Since this interval includes zero, we cannot conclude with 90 percent confidence that the percentage of unemployed Gulf War veterans in the civilian labor force between 18 and 34 years of age is different than the percentage of unemployed nonveterans in the civilian labor force between 18 and 34 years of age.

Standard Errors of Quarterly or Yearly Averages. For information on calculating standard errors for labor force data from the CPS which involve quarterly or yearly averages, please see Bureau of Labor Statistics (2006).

Technical Assistance. If you require assistance or additional information, please contact the Demographic Statistical Methods Division via e-mail at dsmd.source.and.accuracy@census.gov.

Table 6. Parameters for Computation of Standard Errors for Labor Force Characteristics: August 2018

Characteristic	<i>a</i>	<i>b</i>
Total or White		
<i>Civilian labor force, employed</i>	-0.000013	2,481
<i>Unemployed</i>	-0.000017	3,244
<i>Not in labor force</i>	-0.000013	2,432
<i>Civilian labor force, employed, not in labor force, and unemployed</i>		
Men	-0.000031	2,947
Women	-0.000028	2,788
Both sexes, 16 to 19 years	-0.000261	3,244
Black		
<i>Civilian labor force, employed, not in labor force, and unemployed</i>		
Total	-0.000117	3,601
Men	-0.000249	3,465
Women	-0.000191	3,191
Both sexes, 16 to 19 years	-0.001425	3,601
Asian, American Indian and Alaska Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI)		
<i>Civilian labor force, employed, not in labor force, and unemployed</i>		
Total	-0.000245	3,311
Men	-0.000537	3,397
Women	-0.000399	2,874
Both sexes, 16 to 19 years	-0.004078	3,311
Hispanic, may be of any race		
<i>Civilian labor force, employed, not in labor force, and unemployed</i>		
Total	-0.000087	3,316
Men	-0.000172	3,276
Women	-0.000158	3,001
Both sexes, 16 to 19 years	-0.000909	3,316

Source: U.S. Census Bureau, Internal Current Population Survey data files for the 2010 Design.

Notes: These parameters are to be applied to basic CPS monthly labor force estimates. The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates. For nonmetropolitan characteristics, multiply the a- and b-parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the a- and b-parameters are zero. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Hispanic, and Asian, AIAN, NHOPI parameters. For the groups self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all employment characteristics.

Table 7. Parameters for Computation of Standard Errors for Veterans
Characteristics: August 2018

Characteristic	a	b
Total Employed and Nonagriculture Employed in Labor Force, Occupations, and Disability Status of Employed		
Total or Men		
All Veterans	-0.000130	2,481
War Veterans	-0.000167	2,481
Gulf War Era Veterans	-0.000342	2,481
Other Service Veterans	-0.000574	2,481
Women		
All Veterans	-0.001328	2,481
War Veterans	-0.001702	2,481
Gulf War Era Veterans	-0.002069	2,481
Other Service Veterans	-0.006040	2,481
Unemployed, Duration of Unemployment		
Total or Men		
All Veterans	-0.000169	3,244
War Veterans	-0.000219	3,244
Gulf War Era Veterans	-0.000447	3,244
Other Service Veterans	-0.000751	3,244
Women		
All Veterans	-0.001736	3,244
War Veterans	-0.002226	3,244
Gulf War Era Veterans	-0.002705	3,244
Other Service Veterans	-0.007898	3,244

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Veterans Supplement, August 2018.

^A AIAN is American Indian and Alaska Native, and NHOPI is Native Hawaiian and Other Pacific Islander.

^B Hispanics may be any race.

Notes: These parameters are to be applied to the Veterans Supplement data. The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates. For nonmetropolitan characteristics, multiply the a- and b-parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the a- and b-parameters are zero. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, AIAN, NHOPI, and Hispanic parameters. For the group self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all characteristics except employment, unemployment, and educational attainment, in which case use Black parameters. For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.

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All online references accessed March 14, 2019.

ATTACHMENT 17

USER NOTES

This section will contain information relevant to the *Current Population Survey, August 2018: Veterans Supplement* file that becomes available after the file is released.