

**APPENDIX N  
EXTERNAL INTERFACE  
TAPE SPECIFICATIONS**



**EXTERNAL INTERFACE TAPE SPECIFICATIONS**

**TABLE OF CONTENTS**

SOURCE DATA SPECIFICATIONS FOR U.S. TREASURY DEPARTMENT INTERFACE TAPES.....	N - TD - 1
EFT TAPE.....	N - EFT - 1
NON EFT TAPE.....	N - NONEFT - 1
SOURCE DATA SPECIFICATIONS FOR SOCIAL SECURITY ADMINISTRATION INTERFACE TAPES.....	N - SSA - 1
SOURCE DATA SPECIFICATIONS FOR USDA NATIONAL FINANCE CENTER INTERFACE TAPES.....	N - USDA - 1
SOURCE DATA SPECIFICATIONS FOR NEBA INTERFACE TAPES.....	N - NEBA - 1
SOURCE DATA SPECIFICATIONS FOR NATIONAL DIRECTORY OF NEW HIRES/CHILD SUPPORT ENFORCEMENT/HHS BIWEEKLY NEW HIRES FILE.....	N - NEWHIRE - 1
SOURCE DATA SPECIFICATIONS FOR NATIONAL DIRECTORY OF NEW HIRES/CHILD SUPPORT ENFORCEMENT/HHS QUARTERLY WAGES FILE.....	N - QWAGE - 1
SOURCE DATA SPECIFICATIONS FOR CALIFORNIA STATE OF NEW HIRES/CHILD QTD INTERFACE QTD INTERFACE FILE.....	N - CAQTD - 1
SOURCE DATA SPECIFICATION FOR FEDERAL RESERVE BANK-PITTSBURG NDM DATASET  BOND TAPE.....	N - BOND - 1'



**SOURCE DATA SPECIFICATIONS FOR  
U.S. TREASURY DEPARTMENT  
INTERFACE TAPES**



## Tape Specifications

Tape	Tape Density	Rec Size	Blk Size	Rec Type	JCL-ENTERED- LABEL	* = Major sort Record-sequence
EFT	1600	160	1600	FB	NASA.SALARY	Employee SSN within *EFT routing-number  One header and one trailer record
Non-EFT	1600	74-204	1860	VB	REGULAR.SALY.NAS A	SSN within *line codes  Two trailer data records

**Note:** The record sizes for Variable Blocked (VB) records include the 4 bytes used by the operation system that gives the record length.



**SOURCE DATA SPECIFICATIONS FOR  
U.S. TREASURY DEPARTMENT  
INTERFACE TAPES  
(EFT TAPE)**



**NET PAY/ALLOTMENT RECORD  
(Direct Deposit)**

Field Number	Length	Column	Source Data Field	Remarks
1	9	1-9	SSN	
2	1	10	Record code	Always "A"; system generated
3	8	11-18	Amount Net = NET EARNINGS: B/W Allot = VOLUNTARY ALLOT: REQ'ST AMT(1-2) Loan = MER-TSP-LOAN-DED-AMT(1) + TSP: LOAN 1 ADJUSTMENT Or = MER-TSP-LOAN-DED-AMT(2) + TSP: LOAN 2 ADJUSTMENT	Unsigned
4	1	19	Line code	"S" = Net pay "A" = Allotment; system generated
5	8	20-27	INSTALLATION: PAYROLL OFFICE NUM	
6	25	28-52	NAME: FIRST MI. LAST (22 characters followed by 3 spaces) For TSP loan name = <i>NATL FINANCE CENTER</i>	
7	1	53	ACCOUNT TYPE: EFT Net = PAY-ADDR-ACCT-TYPE Allot = PAY-VOL-ALLOT-A-TYPE PAY-VOL-ALLOT-B-TYPE Loan = S	"C" = Checking "S" = Savings
8	9	54-62	FINANCIAL INST ROUTING NBR Net = PAY-ADDR-INST-NBR Allot = PAY-VOL-ALLOT-INST (1-2) Loan = MER-TSP-LOAN-INST(1-2)	Includes check digit
9	17	63-79	ACCOUNT NUMBER Net = NET-PAY-ADDR-ACCT-NBR Allot = PAY-VOL-ALLOT-ACCT-NBR (1-2) Loan = MER-TSP-LOAN-ACCT-NBR (1-2)	
10	4	80-83	Center Number	
11	77	84-160	Blank	

**EFT Header Record  
(Direct Deposit)**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	4	1-4	Record ID	Always "DHDR"; system generated
2	16	5-20	Blank	
3	10	21-30	File ID	Always "NASASALARY"; system generated
4	5	31-35	Creation date Gregorian date (YYDDD)	From the NATURAL system (*DATJ)
5	5	36-40	Blank	
6	20	41-60	Agency name	First 20 characters of INSTALL-NAME
7	12	61-72	Agency telephone number INSTALL-TSP-CONTACT-PHONE	
8	6	73-78	DD/EFT Agency ID	Always "FEDSAL"; system generated
9	82	79-89	Schedule Number	1-2: P- 3-4: CTL-Date Year (YY) 5: - 6-7: CTL-Period 8: A 9-11: Blank
10	10	90-99	Blank	For consolidated, else blank; system generated
11	8		ALC	99000001 for consolidated, else blank; system generated
12	1	108	Blank	
13	11	109-119	Schedule Number	1-2: P- 3-4: CTL-Date Year (YY) 5: - 6-7: CTL-Period 8: A 9-11: Blank For consolidated, else blank; system generated
14	41	120	Blank	

**EFT Trailer Record  
(Direct Deposit)**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	4	1-4	Record ID	Always "DEOR"; system generated
2	6	5-10	Blank	System calculated
3	10	11-20	Record Count	
4	9	21-29	Blank	System calculated
5	11	30-40	Total Amount	
6	62	41-102	Blank	
7	8	103-110	ALC	99000001 for consolidated, else blank; system generated
8	1	111	Blank	
9	11	112-122	Schedule Number	1-2: P- 3-4: CTL-Date Year (YY) 5: - 6-7: CTL-Period 8: A 9-11: Blank For consolidated, else blank; system generated
10	38	123-160	Blank	



**SOURCE DATA SPECIFICATIONS FOR  
U.S. TREASURY DEPARTMENT  
INTERFACE TAPES  
(NON-EFT TAPE)**



### Non-EFT Header Record

Field Number	Length	Column	Source Data Field	Remarks
1	8	1-8		99000001 system generated
2	1	9	Blank	
3	1	10		Always 'E'; system generated
4	11	11-21	Schedule Number	1-2: 'P-' 3-4: CTL-Date Year (YY) 5: '-' 6-7: CTL-Period 8: 'B' 9-11: Blank; system generated
5	6	22-27	Blank	
6	8	28-35	INSTALLATION: PAYROLL OFFICE NUM	
7	20	36-55	INSTALLATION: NAME	
8	12	56-67	INSTALLATION: TSP CONTACT PHONE       XXX-XXX-XXXX	
9	3	68-70	Blank	

**Non-EFT Pay Tape**  
**(Office Check Line Code = "1", Award Line Code = "2")**

Field Number	Length	Column	Source Data Field	Remarks
1	9	1-9	SSN	
2	1	10	Record code	Always "A"; system generated
3	1	11	Object code	Always zero; system generated
4	1	12	Mail sort code	Always zero; system generated
5	1	13	Type of payment code	Always blank; system generated
6	8	14-21	Payment amount NET EARNINGS: B/W (AWARD: AMOUNT - FEDERAL TAX: AWARD B/W - CITY: AWARD B/W - STATE: AWARD B/W - HIT: AWARD B/W - FICA: AWARD B/W)	Office check (award, system calculated)
7	1	22	Line code	"1" = Office chk "2" = Award System generated
8	1	23	Blank	
9	4	24-27	Agency use	Always blank
10	4	28-31	Designated Agent Code Install-DA-Code	
11	2	32-33	Blank	
12	8	34-41	INSTALLATION: PAYROLL OFFICE NUM	
13	16	42-57	INSTALLATION: APPROPRIATION CODE	
14	25	58-82	NAME: FIRST MI. LAST	Payee name
15	6	83-88	Blank	

**Non-EFT Pay Tape  
(Net Pay Record: Line Code = "3")**

Field Number	Length	Column	Source Data Field	Remarks
1	9	1-9	SSN	
2	1	10	Record code	Always "A"; system generated
3	1	11	Object code	Always zero; system generated
4	1	12	Mail sort code	Always zero; system generated
5	1	13	Type of payment code	Always blank; system generated
6	8	14-21	NET EARNINGS: B/W	
7	1	22	Line code	Always = "3"; system generated
8	1	23	ZIP code control	Always = "1"; system generated
9	4	24-27	Agency code	Always blank; system generated
10	4	28-31	Designated agent code	Always blank; system generated
11	2	32-33	Blank	
12	8	34-41	INSTALLATION:PAYROLL OFFICE NUM	
13	16	42-57	INSTALLATION:APPROPRIATION CODE	
14	25	58-82	NAME:FIRST MI. LAST	
15	9	83-91	ADDRESS:CHECK MAILING (ZIP)	Nine numbers or five numbers followed by four spaces
16	35	92-126	ADDRESS:CHECK MAILING	Address line 1 or 2
17	18	127-144	ADDRESS:CHECK MAILING	Address, City, St.
18	8	145-152	BLANK	

**Non-EFT Pay Tape**  
**(Net Pay Record: Line Code = "4")**

Field Number	Length	Column	Source Data Field	Remarks
1	9	1-9	SSN	
2	1	10	Record code	Always "A"; system generated
3	1	11	Object code	Always zero; system generated
4	1	12	Mail sort code	Always zero; system generated
5	1	13	Type of payment code	Always blank; system generated
6	8	14-21	NET EARNINGS: B/W	
7	1	22	Line code	Always "4"; system generated
8	1	23	ZIP code control	Always "1"; system generated
9	4	24-27	Agency code	Always blank; system generated
10	4	28-31	Designated agent code	Always blank; system generated
11	2	32-33	Blank	
12	8	34-41	INSTALLATION: PAYROLL OFFICE NUM	
13	16	42-57	INSTALLATION: APPROPRIATION CODE	
14	25	58-82	NAME: FIRST MI. LAST	
15	9	83-91	ADDRESS: CHECK MAILING (ZIP)	Nine numbers or five numbers followed by four spaces
16	35	92-126	ADDRESS: CHECK MAILING	Address line 1
17	35	127-161	ADDRESS: CHECK MAILING	Address line 2
18	18	162-179	ADDRESS: CHECK MAILING	Address City, St.
19	13	180-192	Blank	

**Non-EFT Pay Tape**  
**(Installation Payments: Line Code = "8")**

Field Number	Length	Column	Source Data Field	Remarks
1	9	1-9	Blank or CFC-Chapter or Union-Local-Num	
2	1	10	Record code	Always "A"; system generated
3	1	11	Object code	System generated; Can be = 0 NEBA / Union = "3" Charities = "2"
4	1	12	Mail sort code	Always zero; system generated
5	1	13	Type of payment code	Always blank
6	8	14-21	Payment amount NEBA: TOTAL B/W UNION DUES: B/W + UNION DUES: ADJUSTMENT CFC: B/W + CFC: ADJUSTMENT	Totals calculated from employee's deduction (UNION& CFC by agency)
7	1	22	Line code	Always "8"; system generated
8	1	23	ZIP code control	Always "1"; system generated
9	10	24-33	Agency name/Location (If the center = "1234" then this field would equal "NASA-1234 ")	System generated ("NASA-" is placed before the center code from workfile with a trailing space.)
10	8	34-41	INSTALLATION: PAYROLL OFFICE NUM	
11	16	42-57	INSTALLATION: APPROPRIATION CODE	
12	25	58-82	Address line 1 (columns 1-25) CFC-ADDR1 UNION-ADDR1 VOUCHER-NEBA-ADDR-1	<u>From table</u> TCFC TUNION TINSTALL
13	9	83-91	ZIP code CFC-ZIP UNION-ZIP VOUCHER-NEBA-NAME	Nine numbers or five numbers followed by four spaces

**Non-EFT Pay Tape**  
**(Installation Payments: Line Code = "8")**

Field Number	Lengt h	Column	Source Data Field	Remarks
14	35	92-126	Payee name CFC-NAME UNION-NAME VOUCHER-NEBA-ZIP	<u>From table</u> TCFC TUNION TINSTALL
15	35	127-161	Address line 2 CFC-ADDR2 UNION-ADDR2 VOUCHER-NEBA-ADDR-2	See tables noted above
16	18	162-179	Address line 3 CFC-CITY CFC-STATE UNION-CITY UNION-STATE VOUCHER-NEBA-CITY VOUCHER-NEBA-ST	City and state in line 3 with a space between
17	10	180-189	Address line 1 (columns 26-35) CFC-ADDR1 UNION-ADDR1 VOUCHER-NEBA-ADDR-1	<u>From table</u> TCFC TUNION TINSTALL
18	11	190-200	Blanks	

**Non-EFT Pay Tape  
(Discretionary Allotments: Line Code = "9")**

Field Number	Length	Column	Source Data Field	Remarks
1	9	1-9	SSN	
2	1	10	Record code	Always "A"; system generated
3	1	11	Object code	Always zero; system generated
4	1	12	Mail sort code	Always zero; system generated
5	1	13	Type of Payment Code	Always blank; system generated
6	8	14-21	Payment Amount BANKRUPTCY: B/W CHILD SUPPORT: B/W INDEBTEDNESS DUE U.S.: B/W EMPL GRNSH CRNT DED AMT	
7	1	22	Line code	Always "9"; system generated
8	1	23	ZIP code control	Always "1"; system generated
9	4	24-27	Agency use BANKRUPTCY = "2 " CHILD SUPPORT = "1 " INDEBTEDNESS = "3 " COMMERCIAL GARNISHMENT = "4 "	System generated to identify discretionary payment type
10	4	28-31	Designated Agent Code	Always blank
11	2	32-33	Blank	
12	8	34-41	INSTALLATION: PAYROLL OFFICE NUM	
13	16	42-57	INSTALLATION: APPROPRIATION CODE	
14	25	58-82	NAME: FIRST MI. LAST	Employee name

**Non-EFT Pay Tape  
(Discretionary Allotments: Line Code = "9")**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
15	9	83-91	ZIP code BANKRUPTCY AGENCY ADDR CHILD SUPPORT: ACY ADDR INDEBTEDNESS DUE U.S.: ACY ADDR EMPL GRNSH CRDTR ZIP CODE	Nine numbers or five numbers followed by four spaces
16	35	92-126	Payee name BANKRUPTCY: AGENCY NAME CHILD SUPPORT: ACY NAME INDEBTEDNESS DUE U.S.: ACY NAME EMPL GRNSH CRDTR NAME	
17	35	127-161	Address line 1 BANKRUPTCY: AGENCY ADDR CHILD SUPPORT: ACY ADDR INDEBTEDNESS DUE U.S.: ACY ADDR EMPL GRNSH CRDTR ADDR	
18	18	162-179	Address line 2 BANKRUPTCY: AGENCY ADDR CHILD SUPPORT: ACY ADDR INDEBTEDNESS DUE U.S.: ACY ADDR EMPL GRNSH CRDTR CITY + EMPL-GRNSH-CRDTR-STATE	City, State
19	8	180-187	Blank	
20	12	188-199	Information to payee BANKRUPTCY: REMARKS CHILD SUPPORT: REMARKS INDEBTEDNESS DUE U.S.: REMARKS EMPL GRNSH CRDTR REMARK	
21	1	200	Blank	

### Non-EFT Trailer Records

Field Number	Length	Column	Source Data Field	Remarks
1	3	1-3	Blanks	
2	6	4-9	Item count	System calculated
3	1	10	Record Code	Always "C"; system generated
4	15	11-25	Total Amount	System calculated
5	10	26-35	Agency I.D. INSTALLATION: PAYROLL- OFFICE NUM	Preceded by two spaces
6	35	36-70	Blanks	
6	14	36-49	Blanks	
7	8	50-57		99000001; System generated
8	1	58	Blank	
9	11	59-69	Schedule Number	1-2: P- 3-4: CTL-Date Year (YY) 5: - 6-7: CTL-Period 8: B 9-11: Blank; System generated
10	1	70	Blank	

### Non-EFT Trailer Records

Field Number	Lengt h	Column	Source Data Field	Remarks
1	3	1-3	Blanks	
2	6	4-9	Item count	System calculated
3	1	10	Record Code	Always "F"; system generated
4	15	11-25	Total Amount	System calculated
5	10	26-35	Agency I.D. INSTALLATION: PAYROLL- OFFICE NUM	Preceded by two spaces
6	35	36-70	Blanks	

**Note:** The two trailer records for the NON-EFT tape are the same EXCEPT that the record code of the next to last record on the tape is equal to "C" and the record code of the last record on the tape is equal to "F".

**SOURCE DATA SPECIFICATIONS FOR  
SOCIAL SECURITY ADMINISTRATION  
INTERFACE TAPES**



### Social Security Administration Tape Specifications

Tape	Density	Rec Size	Blk Size	Rec Type	JCL-ENTERED-LABEL
SSA	6250	275	2750	FB	PRODNPPS.TAPE.YEAREND

### SSA Tape Record Sequence by Record Identifier

Record Identifier	Remarks
A	Employer Identification
B	Tape Specifications
E	Employer Establishment Record (for "Medicare Qualified (HIT Employees who do not have OASDI wages or withholding))
W	Employee Wage Records
I	Subtotal for every 41 records or less for the last subtotal
S	Supplemental Record
I	Subtotal for every 41 records or less for the last subtotal
T	Subtotal for all W Records back to the last "E" Record
E	Employee Establishment Record (for all employees' records not included under the first "E" Record)
W	Employee Wage Records
S	Supplemental Record
I	Subtotal for every 41 records or last for the last subtotal
T	Subtotal for all W Records back to the last "E" Record
F	Final record on the SSA-Tape; a total count of all "W" Records on the tape

**Social Security Administration (Pay-year-end) Tape  
(Record Identifier = "A")**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	1	1	Record identifier	Always "A"; system generated
2	4	2-5	Year (Tax-year)	From workfile 8; Generated by BJS
3	9	6-14	INSTALLATION:FED TAX W2 ID	First nine numbers from the source field; dashes "-" are stripped out; left justified, zero fill right
4	1	15	Blank	
5	8	16-23	Blank	
6	50	24-73	INSTALLATION: NAME	From workfile 8, as loaded from BJS file. BJS file is loaded when runstreams are recreated or created.
7	40	74-113	INSTALLATION: SSA ADDRESS	Spaces are compressed out of 2-line address.
8	25	114-138	INSTALLATION: ADDRESS	City
9	2	139-140	INSTALLATION: ADDRESS	State
10	8	141-148	Blank	
11	5	149-153	Blank	
12	5	154-158	INSTALLATION:ADDRESS	ZIP code
13	117	159-275	Blank	

**Social Security Administration (Pay-year-end) Tape  
(Record Identifier = "B")**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	1	1	Record identifier	Always "B"; system generated
2	4	2-5	Year (Tax-year)	From workfile 8; generated by BJS
3	9	6-14	INSTALLATION: FED TAX W2 ID	First nine numbers from the source field; dashes "-" are stripped out; left justified, zero fill right
4	8	15-22	Computer	Always "IBM"; system generated
5	2	23-24	Internal labeling	Always "SL"; system generated
6	1	25	Blank	Always blank
7	2	26-27	Density	Always "62" for system generated
8	3	28-30	Recording code	Always "EBC"; system generated
9	1	31	Blank	Always blank
10	1	32	Blank	
11	1	33	Copy preference	Always blank
12	1	34	Blank	
13	112	35-146	Blank	
14	44	147-190	INSTALLATION: NAME	From workfile 8, as loaded from BJS file. BJS file is loaded when run streams are recreated or created.
15	35	191-225	INSTALLATION: SSA ADDRESS	Spaces are compressed out of 2-line address
16	20	226-245	INSTALLATION: ADDRESS	City
17	2	246-247	INSTALLATION: ADDRESS	State
18	5	248-252	Blanks	
19	5	253-257	INSTALLATION: ADDRESS	ZIP code
20	18	258-275	Blank	

**Social Security Administration (Pay-year-end) Tape  
(Record Identifier = "E")**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	1	1	Record identifier	Always "E"; system generated
2	4	2-5	Year (Tax-year)	From workfile 8; generated by BJS
3	9	6-14	INSTALLATION: FED TAX W2 ID	First nine numbers from the source field; dashes "-" are stripped out; left justified, zero fill right
4	9	15-23	Blank	
5	50	24-73	INSTALLATION: NAME	From workfile 8, as loaded from BJS file. BJS file is loaded when run streams are recreated or created.
6	40	74-113	INSTALLATION: SSA ADDRESS	Spaces are compressed out of two line address
7	25	114-138	INSTALLATION: ADDRESS	City
8	10	139-148	INSTALLATION: ADDRESS	State
9	5	149-153	Blank	
10	5	154-158	INSTALLATION: ADDRESS	ZIP code
11	1	159	NAME CODE	Always "S"
12	1	160	Type of Employment	"Q" for employees with a HIT deduction (and no OASDI); "R" for everybody else
13	2	161-162	Blocking factor	Always "10"
14	113	163-275	Blank	

**Social Security Administration (Pay-year-end) Tape  
(Record Identifier = "W")**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	1	1	Record identifier	Always "W"; system generated
2	9	2-10	SSN	
3	27	11-37	NAME: LAST, FIRST, MI, SUFF	Four name fields are compressed together with a space between name parts. The parts of a compound surname (including prefixes) will be separated by hyphens (-). If the prefix of a surname is only one character, an apostrophe (') will be used.
4	40	38-77	ADDRESS: MAILING AWARD RECIPIENT STREET ADDRESS	Home street address
5	25	78-102	ADDRESS: MAILING AWARD RECIPIENT CITY ADDRESS	City (and Country if foreign country)
6	10	103-112	ADDRESS: MAILING AWARD RECIPIENT STATE ADDRESS	State (blank if foreign country)
7	5	113-117	Blank	
8	5	118-122	ADDRESS: MAILING AWARD RECIPIENT ZIP ADDRESS	ZIP code
9	1	123	Statutory Employee code	Always blank; system generated
10	7	124-130	Annual FICA Wages FICA: EARNINGS YTD	
11	1	131	Blank	
12	7	132-138	Annual FICA tips	Always zeros; system generated
13	1	139	Blank	
14	9	140-148	Annual wages	System calculated (GROSS-EARNINGS: YTD) - (TSP: DEDUCTIONS TOTAL YTD)

**Social Security Administration (Pay-year-end) Tape  
(Record Identifier = "W")**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
15	1	149	Blank	
16	6	150-155	FICA tax withheld FICA: YTD HIT: YTD	
17	9	156-164	FEDERAL TAX: YTD	
18	1	165	Blank	Always blank
19	7	166-172	Zeros	Always zeros
20	1	173	Blank	Always blank
21	9	174-182	Zeros	Always zeros
22	9	183-191	HIT: EARNINGS YTD	
23	7	192-198	HIT: YTD	
24	8	199-206	Blank	Always blank
25	9	207-215	Zeros	Always zeros
26	1	216	Blank	Always blank
27	9	217-225	Zeros	Always zeros
28	1	226	Blank	Always blank
29	7	227-233	Zeros	Always zeros
30	7	234-240	Control Number	System calculated (consecutive no.)
31	14	241-254	Zeros	Always zeros
32	7	255-261	EIC: YTD	
33	1	262	Blank	Always blank
34	1	263	"P" if Pension Plan	
35	1	264	Blank	Always blank
36	1	265	"D" if Deferred Compensation	
37	1	266	Blank	Always blank
38	9	267-275	TSP: DEDUCTION TOTAL YTD	

Following each "E" Record will be one "W" Record for each unique SSN.

Following each "W" Record will be from zero to 12 "S" Records (State, City, and County may each have a current and three former tax entities).

"S" Records generated for the same tax entity will be combined into one "S" Record.

**Social Security Administration (Pay-year-end) Tape  
(Record Identifier = "I")**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	1	1	Record identifier	Always ' I ' ; system generated
2	10	2-11	Annual FICA wages	System calculated
3	1	12	Blank	
4	10	13-22	Annual FICA tips	Always zeros; system calculated
5	1	23	Blank	
6	10	24-33	Annual wages	System calculated
7	1	34	Blank	
8	10	35-44	FICA employee tax WH	System calculated
9	1	45	Blank	
10	10	46-55	Federal income tax WH	System calculated
11	7	56-62	Control number	System calculated (a consecutive number strung from the first "W" Record, through all the "W" and "I" Records)
12	10	63-72	Zeros	Always zeros
13	10	73-82	Zeros	Always zeros
14	11	83-93	System calculated	Advanced Income Credit
15	10	94-103	Zeros	Always zeros
16	10	104-113	Zeros	Always zeros
17	1	114	Blank	Always blank
18	10	115-124	System calculated	Total TSP
19	1	125	Blank	Always blank
20	10	126-135	Zeros	Always zeros
21	1	136	Blank	Always blank
22	10	137-146	Zeros	Always zeros
23	1	147	Blank	Always blank
24	10	148-157	Zeros	Always zeros
25	1	158	Blank	Always blank
26	11	159-169	System Calculated	Total HIT wages

**Social Security Administration (Pay-year-end) Tape  
(Record Identifier = "I")**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
27	1	170	Blank	Always blank
28	10	171-180	System Calculated	Total HIT deduction
29	95	181-275	Blank	Always blank

The "I" Records are subtotal records that are generated every 41 employee records or less for the last group of "W" employee records under each Employer Establishment Record "E".

Following each "E" Record will be one "W" Record for each unique SSN. Following each "W" record will be from zero to 12 "S" records (State, City, and County may each have a current and erated for the same tax entity will be combined into one "S" Record.

**Social Security Administration (Pay-year-end) Tape  
(Record Identifier = "S")**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	1	1	Record identifier	Always "S"
2	9	2-10	SSN	
3	27	11-37	NAME: FIRST, MIDDLE, LAST, SUFF AWARD RECIPIENT FIRST NAME AWARD RCPNT MIDDLE INITIAL AWARD RECIPIENT FIRST NAME AWARD RCPNT GENEALOGICAL- SUFFIX	
4	40	38-77	ADDRESS: MAILING AWARD RECIPIENT STREET ADDRESS	Home street address
5	25	78-102	ADDRESS: MAILING AWARD RECIPIENT CITY ADDRESS	City
6	10	103-112	ADDRESS: MAILING AWARD RECIPIENT STATE ADDRESS	State
7	5	113-117	Blank	
8	5	118-122	ADDRESS: MAILING AWARD RECIPIENT ZIP ADDRESS	ZIP code
9	1	123	Blank	
10	2	124-125	FIPS numeric code	System generated
11	2	126-127	Blank	CC=CUR-century
12	6	128-133	Reporting period	"12CCYY", YY=CUR-yr
13	20	134-153	18 zeros/2 spaces	System generated
14	6	154-159	EOD: DATE	MMCCYY only
15	6	160-165	TERMINATION DATE	MMCCYY only
16	5	166-170	STATE TAX: CODE STATE TAX: FORMER CODE YTD	
17	12	171-182	TAX-EMPR-ID	
18	6	183-188	Blank	
19	2	189-190	FIPS numeric code	Same as No. 10
20	9	191-199	Calculated	State taxable earn

**Social Security Administration (Pay-year-end) Tape  
(Record Identifier = "S")**

Field Number	Length	Column	Source Data Field	Remarks
21	8	200-207	Calculated	State tax W/H
22	10	208-217	Blank	
23	1	218	Tax Type Code	"C" = city, "D" = county
24	5	219-223	LOCAL TAX ENTITY: CODE CITY TAX: FORMER CODE YTD COUNTY TAX: FORMER CODE YTD	
25	9	224-232	Calculated	Local taxable
26	7	233-239	Calculated	Local tax W/H
27	36	240-275	Blank	

There will be one "S" record for each tax entity. If the tax entity is a STATE, then columns 208 - 275 will be blank or zeros as indicated by the fields. If the tax entity is a city or county, then columns 124 - 125 and columns 166 - 217 will be blank or zeros as indicated by the fields.

The calculation for taxable income, field #20 above for state and field #25 above for city or county, will be calculated by adding the current and PCS earnings together, and then subtracting the TSP deduction associated with a particular STATE or LOCAL tax entity. An example of the formula is as follows.

$$\text{(STATE TAX: ERNGS YTD + PCS: EARNINGS SUBJ STATE TAX YTD) - STATE TAX: TSP CY DED YTD}$$

An exception to this is for Pennsylvania (state code "PA") and Cleveland (city code "003"), which will not have the TSP deduction subtracted from taxable earnings.

An example of the formula for the withholding calculation is as follows.

$$\text{STATE TAX: YTD + PCS: STATE TAX WITHHELD YTD}$$

**Social Security Administration (Pay-year-end) Tape  
(Record Identifiers = "T")**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	1	1	Record Identification	Always "T"; system generated
2	7	2-8	Total employee records	System calculated
3	13	9-21	Annual FICA/HIT wages	System calculated
4	1	22	Blank	
5	12	23-34	Annual FICA tips	Always zero; system generated
6	13	35-47	Annual wages/compensation	System calculated
7	1	48	Blank	
8	12	49-60	FICA/HIT tax WH	System calculated
9	1	61	Blank	
10	12	62-73	Federal tax WH	System calculated
11	12	74-85	Zeros	Always zeros
12	12	86-97	Zeros	Always zeros
13	12	98-109	Advanced Earned Income	System calculated
14	12	110-121	Zeros	Always zeros
15	12	122-133	Zeros	Always zeros
16	1	134	Blank	Always blank
17	13	135-147	Total TSP	System calculated
18	1	148	Blank	Always blank
19	12	149-160	Zeros	Always zeros
20	1	161	Blank	Always blank
21	13	162-174	Zeros	Always zeros
22	1	175	Blank	Always blank
23	13	176-188	Zeros	Always zeros
24	1	189	Blank	Always blank
25	13	190-202	Annual HIT wages	System calculated
26	1	203	Blank	Always blank
27	12	204-215	Annual HIT W/H	System calculated
28	60	216-275	Blank	Always blank

**Social Security Administration (Pay-year-end) Tape  
(Record Identifier = "F")**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remark</b>
1	1	1	Record Identifier	Always "F"; system generated
2	7	2-8	Total employee records	System calculated
3	1	9	Blank	Always blank
4	16	10-25	Total SS Wages	System calculated
5	1	26	Blank	Always blank
6	16	27-42	Zeros	Always zeros
7	1	43	Blank	Always blank
8	16	44-59	Total Wages/Earnings	System calculated
9	1	60	Blank	Always blank
10	16	61-76	Total SS W/H	System calculated
11	1	77	Blank	Always blank
12	16	78-93	Total Fed Tax W/H	System calculated
13	1	94	Blank	Always blank
14	16	95-110	Total EIC	System calculated
15	165	111-275	Blank	Always blank

**SOURCE DATA SPECIFICATIONS FOR  
USDA NATIONAL FINANCE CENTER  
INTERFACE TAPES**



**Thrift Savings Plan (TSP) Tape**

<b>Tape</b>	<b>Tape Density</b>	<b>Rec Size</b>	<b>Blk Size</b>	<b>Rec Type</b>	<b>JCL-ENTERED-LABEL</b>	<b>Record-sequence</b>
TSP	1600	80 - 254	2548	VB	PRODNPPS.TAPE.TSP	Record number within SSN. One header and one trailer record.

<b>Record Type</b>	<b>Record Use</b>
Header	To identify the submitting installation
1	To contain employee identification information
11	Current payment record; all positive values
21	Refunds of payments made in error; all negative values
41	Resubmission of previously rejected payments; all positive values
Trailer	To total employee records in this submission

**TSP Employee Data Record  
(Record Number 01)**

Field Number	Length	Column	Source Data Field	Remarks
1	9	1-9	SSN	
2	6	10-15	DATE OF BIRTH	Birthdate from NPS2-PER-MASTER (YYYYMMDD using only bytes 3-8)
3	6	16-21	CTL-TSP-EFFDATE TSP effective date	EFFDATE from NPS2-PAYCTL- TABLE
4	2	22-23	TSP: RECORD NUMBER	Always "01"; system generated
5	17	24-40	NAME: LAST	First 17 of the 22 character source field
6	12	41-52	NAME: FIRST	
7	12	53-64	NAME: MIDDLE	
8	9	65-73	SSN: PREVIOUS	
9	6	74-79	MER-TSP-DOBERR	
10	25	80-104	ADDRESS: MAILING address line 1	First 25 of the 35 character source field
11	25	105-129	ADDRESS: MAILING address line 2	First 25 of the 35 character source field
12	25	130-154	Blanks address line 3	
13	20	155-174	ADDRESS: MAILING city	
14	3	175-177	ADDRESS: MAILING state	
15	9	178-186	ADDRESS: MAILING ZIP code	
16	1	187	TSP: EMPLOYEE STATUS CODE	
17	6	188-193	TSP: EMPLOYEE STATUS DATE	
18	16	194-209	INSTALL-TSP-LOCATION	From table TINSTALL
19	6	210-215	TSP: SCD	
20	1	216	TSP: VESTING PERIOD	
21	1	217	RETIREMENT PLAN	
22	1	218	TSP: SEPARATION CODE	
23	6	219-224	TSP: SEPARATION DATE	

**TSP Employee Data Record  
(Record Number 01)**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
24	26	225-250	Blanks	

**TSP Employee Payment Record  
(Record Number 11)**

Field Number	Length	Column	Source Data Field	Remarks
1	9	1-9	SSN	
2	6	10-15	DATE OF BIRTH	Birthday from NPS2-PER-MASTER (YYYYMMDD using only bytes 3-8)
3	6	16-21	CTL-TSP-EFFDATE	EFFDATE from TSP effective date NPS2-PAYCTL-TABLE (YYYYMMDD using only bytes 3-8)
4	2	22-23	TSP: RECORD NUMBER	Always "11"; system generated
5	6	24-29	TSP: CY DED DISTR B/W MER-TSP-EMPDIST-DED(1) + MER-TPS-EMP-LATE-PMT(1)	Government fund
6	6	30-35	TSP: CY DED DISTR B/W MER-TSP-EMPDIST-DED(2) + MER-TPS-EMP-LATE-PMT(2)	Fixed income
7	6	36-41	TSP: CY DED DISTR B/W MER-TSP-EMPDIST-DED(3) + MER-TPS-EMP-LATE-PMT(3)	Common stock
8	6	42-47	TSP: CY DED B/W	
9	6	48-53	Zeros	Always zeros
10	6	54-59	Zeros	Always zeros
11	6	60-65	Zeros	Always zeros
12	6	66-71	Zeros	Always zeros
13	6	72-77	TSP: GOVT-BASIC AMT DISTR B/W MER-TSP-GBADIST(1) + MER-TSP-GB-LATE-PMT(1)	Government fund
14	6	78-83	TSP: GOVT BASIC AMT DISTR B/W MER-TSP-GBADIST(2) + MER-TSP-GB-LATE-PMT(2)	Fixed income
15	6	84-89	TSP: GOVT BASIC AMT DISTR B/W MER-TSP-GBADIST(3) + MER-TSP-GB-LATE-PMT(3)	Common stock
16	6	90-95	TSP: GOVT BASIC CONTR B/W MER-TSP-GBAMT	

**TSP Employee Payment Record  
(Record Number 11)**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
17	6	96-101	TSP: GOVT MATCHING DISTR B/W MER-TSP-GMADIST(1) + MER-TSP-EMP-GM-LATE- PMT(1)	Government fund
18	6	102-107	TSP: GOVT MATCHING DISTR B/W MER-TSP-GMADIST(2) + MER-TSP-EMP-GM-LATE- PMT(2)	Fixed income
19	6	108-113	TSP: GOVT MATCHING DISTR B/W MER-TSP-GMADIST(3) + MER-TSP-EMP-GM-LATE- PMT(3)	Common stock
20	6	114-119	TSP: GOVT MATCH CONTR TOT B/W MER-TSP-GMAMT	
21	2	120-121	TSP department MER-TSP-DEPT	
22	2	122-123	TSP agency MER-TSP-AGENCY	
23	27	124-150	Blanks	

**Employee TSP Adjustment Record  
(Record Number 21)**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	9	1-9	SSN	
2	6	10-15	DATE OF BIRTH	From NPS2-PER-MASTER (YYYYMMDD using only bytes 3-8)
3*	6	16-21	NPPS-TSP-ADJ-DATE effective date	From NPS2-PAY-TSP-ADJ (YYYYMMDD using only bytes 3-8)
4	2	22-23	TSP: RECORD NUMBER	Always "21"; system generated
5*	6	24-29	NPPS-TSP-EADJ-G (1-26)	Employee contribution; Government fund adjustment
6*	6	30-35	NPPS-TSP-EADJ-F (1-26)	Employee contribution; Fixed income adjustment
7*	6	36-41	NPPS-TSP-EADJ-C (1-26)	Employee contribution; Common stock adjustment
8	6	42-47	Total emp. cont. adj.	System calculated (sum of fields 5, 6, 7 above)
9*	6	48-53	Prior year	(Not implemented)
10*	6	54-59	Prior year	(Not implemented)
11*	6	60-65	Prior year	(Not implemented)
12	6	66-71	Prior year	(Not implemented)
13*	6	72-77	NPPS-TSP-GBAD-G (1-26)	Government basic contribution; Government fund adjustment
14*	6	78-83	NPPS-TSP-GBAD-F (1-26)	Government basic contribution; Fixed income adjustment
15*	6	84-89	NPPS-TSP-GBAD-F (1-26)	Government basic contribution; Common stock adjustment
16	6	90-95	Total gov. basic adj	System calculated (sum of fields 13, 14, 15 above)
17*	6	96-101	NPPS-TSP-GMAD-G (1-26)	Government match contribution; Government fund adjustment
18*	6	102-107	NPPS-TSP-GMAD-F (1-26)	Government match contribution; Fixed income adjustment

**Employee TSP Adjustment Record  
(Record Number 21)**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
19*	6	108-113	NPPS-TSP-GMAD-C (1-26)	Government matching contribution; Common stock adjustment
20	6	114-119	Total gov. match adj	System calculated (sum of fields 17, 18, 19 above)
21	2	120-121	TSP department MER-TSP-DEPT	
22	2	122-123	TSP agency MER-TSP-AGENCY	
23	27	124-150	Blank	

\* From NPS2-PAY-TSP-ADJ.

**Employee TSP Adjustment Record (Record Number 41)**

(TSP: Record Number = 41 are for resubmissions only. These TSP records do not affect net pay.)

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	9	1-9	SSN	
2	6	10-15	DATE OF BIRTH	From NPS2-PER-MASTER YYMMDD
3*	6	16-21	MER-TSP-EFFDATE	From NPS2-MER-FILE YYMMDD
4	2	22-23	TSP: RECORD NUMBER	Always "41"; system generated
5*	6	24-29	NPPS-TSP-EADJ-G (27-52)	Employee contribution; Government fund update
6*	6	30-35	NPPS-TSP-EADJ-F (27-52)	Employee contribution; Fixed income update
7*	6	36-41	NPPS-TSP-EADJ-C (27-52)	Employee contribution; Common stock update
8	6	42-47	Total emp. Cont. update	System calculated (sum of fields 5, 6, 7 above)
9*	6	48-53	Prior year	(Not implemented)
10*	6	54-59	Prior year	(Not implemented)
11*	6	60-65	Prior year	(Not implemented)
12	6	66-71	Prior year	(Not implemented)
13*	6	72-77	NPPS-TSP-GBAD-G (27-52)	Government basic contribution; Government fund L.P.
14*	6	78-83	NPPS-TSP-GBAD-F (27-52)	Government basic contribution; Fixed income L.P.
15*	6	84-89	NPPS-TSP-GBAD-C (27-52)	Government basic contribution; Common stock L.P.
16	6	90-95	Total gov. basic adj	System calculated (sum of fields 13, 14, 15 above)
17*	6	96-101	NPPS-TSP-GMAD-G (27-52)	Government matching contribution; Government fund L.P.
18*	6	102-107	NPPS-TSP-GMAD-F (27-52)	Government matching contribution; Fixed income L.P.
19*	6	108-113	NPPS-TSP-GMAD-C (27-52)	Government matching contribution; Common stock L.P.

**Employee TSP Adjustment Record (Record Number 41)**

(TSP: Record Number = 41 are for resubmissions only. These TSP records do not affect net pay.)

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
20	6	114-119	Total government matching L.P.	System calculated sum of fields 17, 18, 19 (above)
21*	2	120-121	TSP department MER-TSP-DEPT	
22*	2	122-123	TSP agency MER-TSP-AGENCY	
23	27	124-150	Blank	

\* From NPS2-MER-FILE.

**TSP Header Data Record**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	4	1-4	Record ID	Always "DHDR"; system generated
2	6	5-10	TSP-CERT-RPT-NO	First two bytes equal the "year" in CTL-DATE. The last four bytes equal to CTL-TSP-TAPE-SEQ in NPS2-PAYCTL-TABLE
3	6	11-16	CTL-TSP-EFFDATE	From NPS2-PAYCTL-TABLE effective date (YYYYMMDD using only bytes 3-8)
4	8	17-24	INSTALLATION: PAYROLL OFFICE NUM	
5	30	25-54	INSTALLATION: TSP CONTACT NAME	
6	12	55-64	INSTALLATION: TSP PHONE	
7	16	65-80	Blank	

**TSP Trailer Data Record**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	4	1-4	Record ID	Always "TRLR"; system generated
2	14	5-18	Total employee deduction	System calculated
3	14	19-32	Zeros Not Implemented	Prior year
4	14	33-46	Total gov basic amt.	System calculated
5	14	47-60	Total gov matching amt.	System calculated
6	14	61-74	Total emp adjustment amt.	System calculated (records "21" and "41")
7	14	75-88	Zeros Not Implemented	Prior year
8	14	89-102	Total Gov't basic adj.	System calculated (records "21" and "41")
9	14	103-116	Total Gov't match adj	System calculated (records "21" and "41")
10	8	117-124	Total "01" records	System calculated
11	8	125-132	Total "11" records	System calculated
12	8	133-140	Total adjustment records (records "21" and "41")	System calculated
13	11	141-151	A numeric field	System generated; zero filled
14	49	152-200	Blank	



**SOURCE DATA SPECIFICATIONS FOR  
NEBA INTERFACE TAPES**



### NEBA Tape Specifications

<b>Tape</b>	<b>Tape Density</b>	<b>Rec Size</b>	<b>Blk Size</b>	<b>Rec Type</b>	<b>JCL- ENTERED-LABEL</b>
NEBA	6250	111	11100	FB	PRDNPPS.TPAE.NEBA

### NEBA Tape Data Record

Field Number	Lengt h	Column	Source Data Field	Remarks
1	22	1-22	Last Name	
2	12	23-34	First Name	
3	1	35	Middle Initial	
4	3	36-38	Genealogical Suffix	
5	9	39-47	SSN	
6	2	48-49	Age	
7	7	50-56	Basic Coverage	N7
8	7	57-63	Spouse Coverage	N7
9	7	64-70	Optional Coverage	N7
10	6	71-76	Basic Deduction	N4.2
11	6	77-82	Spouse Deduction	N4.2
12	6	83-88	Optional Deduction	N4.2
13	6	89-94	Total Deduction	N4.2
14	8	95-102	LWOP Date	YYYYMMDD format
15	8	103-110	Chapter Departure	YYYYMMDD format
16	1	111	Smoker Flag	
17	5	112-116	Travel Deduction	N3.2
18	7	117-123	Travel Coverage	N7
19	7	124-130	Spouse Travel Coverage	N7

### NEBA Tape Totals Record

Field Number	Length	Column	Source Data Field	Remarks
1	2	1-2	Code	"%%"
2	6	3-8	SSN Count	N6
3	12	9-20	Basic Coverage	N12
4	12	21-32	Spouse Coverage	N12
5	12	33-44	Optional Coverage	N12
6	14	45-58	Basic Deduction	N12.2
7	14	59-72	Spouse Deduction	N12.2
8	14	73-86	Optional Deduction	N12.2
9	14	87-100	Total Deduction	N12.2
10	11	101-110	Travel Deduction	N8.2
11	10	111-120	Travel Coverage	N10
12	10	121-130	Spouse Travel Coverage	N10

### NEBA Tape Installation Record

Field Number	Length	Column	Source Data Field	Remarks
1	2	1-2	Code	###
2	40	3-42	Installation Name	
3	8	43-50	Pay Period Date	YYYYMMDD format
4	30	51-80	Report Name	NEBA Biweekly Summary
5	31	81-111	System Name	NASA Personnel and Payroll System

**SOURCE DATA SPECIFICATIONS FOR  
NATIONAL DIRECTORY OF NEW HIRES /  
CHILD SUPPORT ENFORCEMENT /  
HHS BIWEEKLY HIRES FILE**



**W-4 New Hire Dataset  
W4 Transmitter Record (H4 Header Record)**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	2	1-2	'H-4'	Identifies header record
2	2	3-4	Blank	State FIPS code (for states only)
3	9	5-13	NPS2-INSTALL-TBL INSTALL-FED-ID-W2 for Marshall 630422638. Will be Marshall number for all centers because Marshall is the transmitter.	Federal Agency Code (for federal agencies only)
4	2	14-15	'W-4'	'W4' for W4 data
5	1	16	Blank	
6	2	17-18	'01'	Must be '01', controlled by OCSE
7	8	19-26	YYYYMMDD system date	Format = YYYYMMDD Must be current system date of file generation
8	6	27-32	0000PP	Sequential number to identify a submission as unique using pay period number preceded by zeroes with an option to input manually.
9	769	33-801	Blank	Spaces To be used for future versions

### W-4 Total Record

Field Number	Length	Column	Source Data Field	Remarks
1	2	1-2	'T-4'	Identifies total record
2	11	3-12		Total record count for transmission, including header and footer record.
3	788	14-801	Blank	Spaces. To be used for future versions

**W-4 Data Record**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	2	1-2	'W-4'	Identifies data record
2	9	3-11	NPS2-PAY-MASTER. PAY-SSN	As reported by employee
3	16	12-27	NPS2-PAY-MASTER. PAY-NAME-FIRST	At least one character. No special characters.
4	16	28-43	NPS2-PAY-MASTER. PAY-NAME-MI	If non-blank, must be at least one character No special characters.
5	30	44-73	NPS2-PAY-MASTER. PAY-NAME-LAST	At least one character. No special characters, except for hyphen.
6	40	74-113	NPS2-ADDRESS-FILE. ADDR-HOME-1	Non-blank
7	40	114-153	NPS2-ADDRESS-FILE. ADDR-HOME-2	If address line is less than 40 characters, do not concatenate into one line.
8	40	154-193	Blank	
9	25	194-218	NPS2-ADDRESS-FILE. ADDR-HOME-CITY	At least one character. No special characters, except for hyphen.
10	2	219-220	NPS2-ADDRESS-FILE. ADDR-HOME-STATE	Valid state or territory abbreviation
11	5	221-225	NPS2-ADDRESS-FILE. ADDR-HOME- Leftmost 5 positions of NPS2-HOME-ZIP	Must be numeric
12	4	226-229	NPS2-ADDRESS-FILE Rightmost 4 positions of NPS2-HOME-ZIP	If present, must be numeric
13	2	230-231	Blank	Refer to U.S. Department of Commerce FIPS code manual, National Institute of Standards and Technology, FIPS PUB 10-4 (April 1995)

**W-4 Data Record**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
14	25	232-256	Blank	If present, at least two characters
15	15	257-271	Blank	
16	8	272-279	NPS2-PAY-MASTER. PAY-BIRTH-DATE - YYYYMMDD	If present, numeric Format YYYYMMDD
17	8	280-287	NPS2-PAY-MASTER. PAY-EOD-DATE - YYYYMMDD	If present, numeric Format YYYYMMDD
18	2	288-289	NPS2-PAY-MASTER. PAY-STATE-CODE	Alphabetic state or territory abbreviation
19	9	290-298	NPS2-INSTALL-TBL INSTALL-FED-ID-W2 for Marshall	Federal Employer Identification Number
20	12	299-310	Blank	If no FEIN is available, send the state EIN. If present and less than 12 characters, left justify.
21	45	311-355	NPS2-INSTALL-TBL INSTALL-NAME FEIN	At least two characters address from W4
22	40	356-395	NPS2-INSTALL-TBL INSTALL-ADDRESS	At least two characters
23	40	396-435	Blank	
24	40	436-475	Blank	
25	25	476-500	NPS2-INSTALL-TBL NPS2-ADDR-CITY	At least two characters
26	2	501-502	NPS2-INSTALL-TBL NPS2-ADDR-ST	Valid state or territory abbreviation
27	5	503-507	NPS2-INSTALL-TBL Leftmost 5 positions of INSTALL-ADDR-ZIP	Must be numeric
28	4	508-522	NPS2-INSTALL-TBL Rightmost 4 positions of INSTALL-ADDR-ZIP	If present, must be numeric

## W-4 Data Record

Field Number	Length	Column	Source Data Field	Remarks
29	2	512-513	Blank	Refer to U.S. Department of Commerce FIPS code manual, National Institute of Standards and Technology, FIPS PUB 10-4 (April 1995)
30	25	514-538	Blank	If present, at least two characters
31	25	539-553	Blank	This address will be blank if only collecting one address. If there is a second address, it should be the address where child support orders should be sent
32	40	554-593	Blank	If address line is less than 40 characters, do not concatenate into one line
33	40	594-633	Blank	
34	40	634-673	Blank	
35	25	674-698	Blank	If present, at least two characters
36	2	699-700	Blank	If present, valid state or territory
37	5	701-705	Blank	If present, must be numeric
38	4	706-709	Blank	If present, must be numeric
39	2	710-711	Blank	Refer to U.S. Department of Commerce FIPS code manual, National Institute of Standards and Technology, FIPS PUB 10-4 (April 1995)
40	25	712-736	Blank	If present, at least two characters
41	15	737-751	Blank	
42	50	752-801	Blank	Spaces. To be used for future versions



**SOURCE DATA SPECIFICATIONS FOR  
NATIONAL DIRECTORY OF NEW HIRES /  
CHILD SUPPORT ENFORCEMENT /  
HHS QUARTERLY WAGES FILE**



### Quarterly Wage Transmitter Record

Field Number	Length	Column	Source Data Field	Remarks
1	2	1-2	'HQ'	Identifies header record
2	2	3-4	Blank	State FIPS code (for states only)
3	9	5-13	INSTALL-FED-ID-W2 from NPS2-INSTALL-TBL for Marshall 630422638. Will be Marshall number for all centers because Marshall is the transmitter	Federal Agency Code(for federal agencies only)
4	2	14-15	'QW'	'QW' for quarterly wage data
5	1	16	Blank	
6	2	17-18	'01'	Must be '01', controlled by OCSE
7	8	19-26	YYYYMMDD system date	Format = YYYYMMDD Must be current system date of file generation
8	6	27-32	000001 for first transmission 000002 for re-transmit, etc.	Sequential number to identify a submission as unique
9	569	33-601	Blanks	Spaces To be used for future versions

### Quarterly Wage Total Record

Field Number	Length	Column	Source Data Field	Remarks
1	2	1-2	'TQ'	Identifies total record
2	11	3-13	Total record count for transmission including header and trailer record	Total record count for transmission including header and trailer record
3	588	14-601	Blank	Spaces To be used for future versions

### Quarterly Wage Data Record

Field Number	Lengt h	Column	Source Data Field	Remarks
1	2	1-2	'QW'	Identifies data record
2	9	3-11	NPS2-PAY-MASTER PAY-SSN	As reported by employee
3	16	12-27	NPS2-PAY-MASTER PAY-NAME-FIRST	At least one character No special characters
4	16	28-43	NPS2-PAY-MASTER PAY-NAME-MI	If non-blank, must be at least one character. No special characters.
5	30	44-73	NPS2-PAY-MASTER PAY-NAME-LAST	At least one character. No special characters, except for hyphen
6	11	74-84	NPS2-PAY-MASTER PAY-QTD-HIT-EARN	Last two positions are decimal places. No negative values, zeroes, are allowed. Gross amount paid within the quarter.
7	5	85-89	Format = QYYYY	Format = QYYYY for calendar year. User input parameter Q = 1 for Jan - Mar Q = 2 for Apr - Jun Q = 3 for Jul - Sep Q = 4 for Oct - Dec
8	9	90-98	NPS2-INSTALL-TBL INSTALL-FED-ID-W2 Marshall's number will be used for all records	Federal Employer Identification Number.
9	12	99-110	Blank	If present and less than 12 characters, left justify
10	45	111-155	NPS2-INSTALL-TBL INSTALL-NAME	At least two characters FEIN address
11	40	156-195	NPS2-INSTALL-TBL INSTALL-ADDRESS	At least two characters
12	40	196-235	Blank	If address line is less than 40 characters, do not concatenate into one line
13	40	236-275	Blank	
14	25	276-300	NPS2-INSTALL-TBL NPS2-ADDR-CITY	At least two characters

### Quarterly Wage Data Record

Field Number	Length	Column	Source Data Field	Remarks
15	2	301-302	NPS2-INSTALL-TBL NPS2-INSTALL-ST	Valid state or territory abbreviation
16	5	303-307	NPS2-INSTALL-TBL Leftmost 5 position of INSTALL-ADDR-ZIP	
17	4	308-311	NPS2-INSTALL-TBL Rightmost 4 positions of INSTALL-ADDR-ZIP	If present, must be numeric
18	2	312-313	Blank	Refer to U.S. Department of Commerce FIPS code manual, National Institute of Standards and Technology, FIPS Pub 10-4 (April 1995)
19	25	314-338	Blank	If present, at least two characters
20	15	339-353	Blank	This address will be blank if only collecting one address. If there is a second address, it should be the address where child support orders should be sent.
21	40	354-393	Blank	At least two characters
22	40	394-433	Blank	If address line is less than 40 characters, do not concatenate into one line
23	40	434-473	Blank	
24	25	474-498	Blank	If present, at least two characters
25	2	499-500	Blank	If present, valid state or territory abbreviation
26	5	501-505	Blank	If present, must be numeric
27	4	506-509	Blank	If present, must be numeric
28	2	510-511	Blank	Refer to U.S. Department of Commerce FIPS code manual, National Institute of Standards and Technology, FIPS Pub 10-4 (April 1995)
29	25	512-536	Blank	If present, at least two characters
30	15	537-551	Blank	
31	50	552-601	Blank	Spaces To be used for future version

**SOURCE DATA SPECIFICATIONS FOR  
CALIFORNIA STATE QTD INTERFACE TAPES**



### California State QTD Tax "Tape" Specifications

<b>Tape</b>	<b>Density</b>	<b>Rec Size</b>	<b>Blk Size</b>	<b>Rec Type</b>	<b>LABEL</b>
CAL QTD	6250	517	12800	FB	see JCL

<b>Record Identifier</b>	<b>Remarks</b>
RE	Employer Records; a separate "RE" record for each California State account number a branch reported on the tape file. All "RS" records associated with the "RE" record must follow.
RS	Employee Records; the employee records are in SSN order. The employee name field has the surname first, as identified by a "name code" in the "RE" record.
RST	California State Total Record; this record contains totals from the preceding "RS" records. This is the last record on the Tape.

An "RE" record must have at least one "RS" record.

**California QTD State Tax Tape  
(Record Identifier "RE")**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	2	1-2	Record identifier	Always "RE"
2	37	3-39	Blanks	
3	57	40-96	Employer Name	Left justified, blank fill Hard coded (*)
4	22	97-118	Employer Location Address	Any additional address of employer info such as suite, floor, bldg. #, etc.
5	22	119-140	Employer Delivery Address	Street address or P.O. box # of employer Left justified, blank fill
6	22	141-162	Employer City	Employer city Left justified, blank fill
7	2	163-164	Employer State	Standard Pips Postal Abbreviation
8	5	165-169	Zip Code	Valid Zip Code. If foreign Postal Codes, continue foreign Postal Code Positions 170-173 or blanks
9	4	170-173	Zip Code extension	Four digit extension of Zip Code or blanks
10	339	174-512	Blanks	Blanks

(\*) NATIONAL AERONAUTICS SPACE ADMINISTRATION

**California State QTD Tax "Tape" Specifications  
(Record Identifier "RS")**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	2	1-2	Record identifier	Always "RS"
2	2	3-4	State Code	State Code (Constant 'D6' for California)
3	5	5-9	Blank	Blank fill
4	9	10-18	Social Security Number	Employee SSN - if not available, 'I' left justified
5	15	19-33	Employee first name	Employee's full first name, left justified, blank fill
6	15	34-48	Employee middle name or initial	Employee's middle name or initial
7	20	49-68	Employee last name	Employee's last name
8	126	69-194	Blanks	Blank fill
9	1	195	Wage Plan Code	Wage Plan Code - See page 32, Sect. E. Do not leave blank.
10	1	196	Blanks	Blank fill
11	6	197-202	Reporting period	Last month of quarter being reported and 4 position year. E.g. 1st qtr = '031999'
12	11	203-213	Blanks	Blank fill
13	34	214-247	Blanks	Blank fill
14	8	248-255	State employer account number.	Number assigned by EDD. 7 digit account number followed by a check digit
15	3	256-258	Branch Code	Blank fill
16	17	259-275	Blanks	Blank fill
17	11	276-286	Quarterly Personal Income Tax wages (State taxable wages)	Employees quarterly PIT wages (Total earnings subject to CA state tax)
18	11	287-297	Quarterly Personal Income Tax withheld	Quarterly CA state tax withheld
19	215	298-512	Blanks	Blank fill

**California State QTD Tax "Tape" Specifications  
(Record Identifier "RST")**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	3	1-3	Record identifier	Always "RST"
2	7	4-10	Total number "RS" records	Calculated
3	1	11	Blank	
4	2	12-13	State Code	Always "06"
5	1	14	Blank	
6	14	15-28	Quarterly Unemployment Insurance total wages	Total of positions 203-213 from 'RS' records
7	1	29	Blank	
8	14	30-43	Quarterly personal income tax wages by employees	Sum of total tax withheld (sum of field 17 on "RS" Rec)
9	1	44	Blank	
10	14	45-58	CA state tax withheld	Total of field 18 in record (Positions 287-297)
11	1	59	Blank	
12	7	60-66	Month 1 employment for employer	Total number of employees full and part time who received VI wages for pay period including 12th day of first month
13	1	67	Blank	Blank
14	7	68-74	Month 2 employment for employer	Numeric Field. Same as field 12 except for 12th day of month 2
15	1	75	Blank	Blank
16	14	76-82	Month 3 employment for employer	Same as field 12 except for 12th and 5th day of month 3. (Sum of field 13 on "S" Rec)
17	430	83-512	Blank	Blank

Note: The "Numeric Field"s above must be zero filled.

**SOURCE DATA SPECIFICATIONS FOR  
FEDERAL RESERVE BANK - PITTSBURGH  
NDM DATASET**



## Federal Reserve Bank Bond NDM Dataset Specifications

Tape	Tape Density	Rec Size	Blk Size	Rec Type	JCL- ENTERED-LABEL	* = Major sort Record-sequence
BOND		30-210	2104	VB	PRDNPPS	Employee SSN within *bond denomination Subtotal record by bond denomination

**Note:** The record sizes for Variable Blocked (VB) records include the 4 bytes used by the operation system that gives the record length.

**Bond Tape Data Record**

<b>Control Record Field Number</b>	<b>Length h</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	1	1	Record type	always 'A'
2	4	2-5	Issue Month and Year	current month and year
3	10	6-15	Company Identification Number	'779101'
4	10	16-25	Location Identification Number	'0024'
5	6	26-31	Pay End Date NPS2-PAYCTL-TABLE.CTL- DATE	
6	33	32-64	Company Name	'NASA'
7	33	65-97	Company street address NPS2-INSTALL-TBL.INSTALL- ADDRESS	
8	20	98-117	Company city NPS2-INSTALL-TBL.INSTALL- ADDR-CITY	
9	2	118-119	Company state NPS2-INSTALL-TBL.INSTALL- ADDR-ST	
10	5	120-124	Company zip NPS2-INSTALL-TBL.INSTALL- ADDR-ZIP	
11	4	125-128	Company plus 4 zip	blanks
12	9	129-137	Reserve account number	blanks
13	4	138-141	Reserve account branch	blanks
14	1	142	Order type	zero
15	6	143-148	filler	6 zeroes
16	6	149-154	filler	6 zeroes
17	6	155-160	Total number of \$100 savings bonds for agency	
18	6	161-166	Total number of \$200 savings bonds for agency	
19	6	167-172	Total number of \$500 savings bonds for agency	
20	6	173-178	Total number of \$1000 savings bonds for agency	
21	6	179-184	Total number of \$5000 savings bonds for agency	

**Bond Tape Data Record**

<b>Control Record</b>				
<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
22	6	185-190	Total number of \$10000 savings bonds for agency	
23	10	191-200	Total purchase price of order (implied decimal between 198-199)	
24	3	201-203	FRB District Designator	'004'
25	30	204-233	FRB designated field	blanks
26	87	234-320	filler	blanks

**Bond Tape Data Record**

<b>Bond Inscription Information Record</b>				
<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	1	1	Record Type	'B'
2	9	2-10	NPS2-ADDRESS-FILE. BOND-OWNER-SSN	
3	33	11-43	NPS2-ADDRESS-FILE. BOND-OWNER-NAME	
4	1	44	USA/Foreign indicator	0 = USA address, 1 = foreign
5	1	45	Mail To: designator	zero
6	33	46-78	NPS2-ADDRESS-FILE. BOND-OWNER-ADDR-1	
7	33	79-111	NPS2-ADDRESS-FILE. BOND-OWNER-ADDR-2	
8	33	112-144	Address Line	If field 4 = 1 insert foreign country name; else, insert blanks
9	20	145-164	NPS2-ADDRESS-FILE. BOND-OWNER-CITY	
10	2	165-166	NPS2-ADDRESS-FILE. BOND-OWNER-ST	
11	5	167-171	NPS2-ADDRESS-FILE.BOND-OWNER-ZIP	

### Bond Tape Data Record

#### Bond Inscription Information Record

Field Number	Length	Column	Source Data Field	Remarks
12	4	172-175	Plus four zip code (optional)	
13	3	176-178	NPS2-ADDRESS-FILE. BOND-COBEN-CODE	OR = coowner POD = beneficiary Blanks if neither
14	28	179-206	NPS2-ADDRESS-FILE. BOND-COBEN-NAME	
15	1	207	NPS2-PAY-MASTER. PAY-BOND-CODE	4 = \$100, 5 = \$200, 6 = \$500, 7 = \$1000, 8 = \$5000, 9 = \$10000
16	4	208-211	Number of bonds for this registration	'1'
17	10	212-221	Company Identification Number	'79101 '
18	10	222-231	Location Identification Number	'0024 '
19	9	232-240	NPS2-PAY-MASTER.PAY-SSN	Only if different from bond owner SSN (field 2)
20	4	241-244	NPS2-PAY-MASTER. PAY-BOND-DATE	
21	30	245-274	For FRB use	Blanks
22	46	275-320	filler	Blanks

### Bond Tape Data Record

#### Trailer Record

Field Number	Length	Column	Source Data Field	Remarks
1	10	1-10	End of File Indicator	9999999999
2	310	11-320	filler	blanks

**Bond Tape Denomination Control Record**

<b>Field Number</b>	<b>Length</b>	<b>Column</b>	<b>Source Data Field</b>	<b>Remarks</b>
1	6	1-6	Blanks	
2	1	7	Control record code	Always "9"; system generated
3	1	8	Bond denomination code	Bonds with like denomination are counted together.
4	11	9-19	Blanks	
5	6	20-25	Record count	System calculated (a count of bonds purchased within a bond denomination)
6	7	26	Data record mark	Back slash "\ "; system generated