

\*\* FULL SCALE EXHIBITS \*\*

\*\* Area Code and Title: 141R Richmond, Virginia Type Survey: FS \*\*

\*\* Region: EASTERN Lead Agency: DOD \*\*

\*\* Order Date: 04 Nov 2008 \*\*

\*\* Public Law Date: 06 Jan 2009 \*\*

\*\* Effective Date: 18 Jan 2009 \*\*

\*\* Survey Number: 091 \*\*

\*\* Time and Date the attached Listings/Reports Generated - Time: 15:09:37 Date: 08 Jan 2009 \*\*

\* \* \* \* \*

\* This is a Sample Survey \*

\* \* \* \* \*

Program data\_run.4ge BEGIN Thu Jan 08, 2009 at 15:09:03

Data run for Wage Area: 141 R Richmond, Virginia  
Survey: 091 Type: FS Report: EXHB run by fendtkh

COUNTS before selection processing:

Number of ESL records on file:	136
Number of EIF records on file:	136
Number of WDCF records on file:	145
Number of WDCCF records on file:	22

NO selections were made. All data is to be processed.

Program data\_run.4ge END Thu Jan 08, 2009 at 15:09:03

PGM: FJOBRCAP-F V3.2  
TIME- 15:09

FEDERAL WAGE SYSTEM -- SURVEY JOB RECAP LISTING  
REGULAR SCHEDULE  
FULL SCALE SURVEY

PAGE NO.- 1  
DATE- 08Jan2009

WAGE AREA: 141 Richmond, Virginia

SURVEY NUMBER: 91

SURVEY ORDERED: NOV 08

PERCENTAGE OF WEIGHTED SAMPLES SUBJECT TO AN INCENTIVE RATE = 0.797 WEIGHTED SAMPLES = 24

PERCENTAGE OF WEIGHTED SAMPLES SUBJECT TO AN HOURLY RATE = 99.203 WEIGHTED SAMPLES = 2988

PERCENTAGE OF INCENTIVE WEIGHTED SAMPLES PROCESSED BY THE STEEL ROUTINE = 0.000 WEIGHTED SAMPLES = 0

AREA DOES NOT MEET THE CRITERION FOR USE OF INCENTIVE DATA AND THE DATA WILL NOT BE USED

PGM: FJOBRCAP-F V3.2  
TIME- 15:09

FEDERAL WAGE SYSTEM -- SURVEY JOB STATISTICS  
REGULAR SCHEDULE

DATE- 08Jan2009

WAGE AREA: 141 Richmond, Virginia

SURVEY NUMBER: 91

SURVEY ORDERED:

NOV 08

JOB NUMBER AND TITLE	GRADE	SN	LN	F	FW	MEAN	VARIANCE	S.D.	PREC	N-EST.
001 Janitor (Light)	1	3	5	10	19	13.821	0.0503	0.2243	0.73	0.39
002 Janitor (Heavy)	2	6	13	37	68	19.190	17.6763	4.2043	5.21	11.12
003 Material Handler	2	3	8	22	68	12.883	34.9434	5.9113	10.91	7.81
004 Maintenance Laborer	3	1	1	3	3	11.048	0.0000	0.0000	0.00	0.00
005 Packer	4	2	5	15	21	13.958	2.9132	1.7068	5.23	4.14
007 Warehouse Worker	5	13	40	159	431	15.278	7.0186	2.6493	1.64	21.84
008 Forklift Operator	5	17	37	394	671	15.710	11.4373	3.3819	1.63	24.68
009 Material Handling Equipment Operator	5	4	10	35	53	14.573	2.1049	1.4508	2.68	6.13
010 Truckdriver (Medium)	6	1	2	60	120	15.398	0.0000	0.0000	0.00	0.00
011 Truckdriver (Heavy)	7	5	11	514	728	23.437	19.9019	4.4612	1.38	9.25
013 Machine Tool Operator I	9	3	11	31	131	18.232	5.3153	2.3055	2.17	7.69
014 Carpenter	9	3	3	7	7	28.018	29.0685	5.3915	14.26	2.86
015 Electrician	10	13	22	177	218	27.556	16.0799	4.0100	1.93	13.34
016 Automotive Mechanic	10	9	13	139	175	25.010	20.5855	4.5371	2.69	10.43
017 Sheet Metal Mechanic	10	5	9	20	37	20.421	37.4597	6.1204	9.66	8.47
018 Pipefitter	10	4	4	52	52	30.078	18.5917	4.3118	3.90	3.57
019 Welder	10	10	21	57	100	19.027	39.7991	6.3087	6.50	18.76
020 Machinist	10	7	16	41	78	22.388	11.8463	3.4418	3.41	11.24
022 Toolmaker	13	5	6	7	8	27.520	31.0084	5.5685	14.02	5.50

FEDERAL WAGE SYSTEM \* REPORT OF ESTABLISHMENTS RANKED BY SAMPLE YIELD

WAGE AREA: 141 Richmond, Virginia

SURVEY NUMBER: 091

FULL SCALE ORDER DATE: Nov 08

ESTABLISHMENT CODE & NAME	TOTAL EMPLOYMENT	WEIGHTED SAMPLES	CUMULATIVE SAMPLES	PERCENT	INCREASE MONTH	CONTRACT OBTAINED
114	102	425	425	14.22	UNK	NO
129	1,883	378	803	26.88	AUG	NO
072	460	362	1,165	38.99	JUL	NO
130	343	175	1,340	44.85	UNK	NO
018	500	150	1,490	49.87	FEB	NO
003	66	135	1,625	54.39	MAY	NO
102	1,100	125	1,750	58.57	MAY	NO
007	250	120	1,870	62.58	DEC	NO
014	143	105	1,975	66.10	AUG	NO
080	101	95	2,070	69.28	UNK	NO
027	2,300	92	2,162	72.36	NOV	R
048	769	78	2,240	74.97	JAN	NO
054	430	64	2,304	77.11	JUN	NO
069	973	60	2,364	79.12	UNK	NO
079	321	56	2,420	80.99	UNK	NO
042	126	55	2,475	82.83	AUG	NO
053	105	55	2,530	84.67	JAN	NO
040	490	53	2,583	86.45	UNK	R
005	95	48	2,631	88.05	UNK	NO
047	328	45	2,676	89.56	MAY	YES
037	99	44	2,720	91.03	FEB	R
009	4,733	34	2,754	92.17	APR	NO
002	54	28	2,782	93.11	FEB	R
063	102	27	2,809	94.01	UNK	NO
121	530	24	2,833	94.81	UNK	R
055	224	21	2,854	95.52	DEC	NO
094	96	18	2,872	96.12	JUL	NO
070	175	17	2,889	96.69	APR	NO
077	86	15	2,904	97.19	JUL	NO
049	465	12	2,916	97.59	MAR	NO
052	220	12	2,928	97.99	UNK	NO
008	106	11	2,939	98.36	APR	NO
046	315	11	2,950	98.73	MAY	YES
067	247	11	2,961	99.10	UNK	NO
011	76	10	2,971	99.43	UNK	NO
032	292	8	2,979	99.70	AUG	YES
136	80	7	2,986	99.93	JUL	NO
065	168	2	2,988	100.00	UNK	NO

ESTABLISHMENTS PROVIDING DATA: 38

SAMPLES FROM COMMON ESTABLISHMENTS: 1,427

COMMON ESTABLISHMENT: 21

PERCENT OF SAMPLES: 47.76

FEDERAL WAGE SYSTEM \* REPORT OF ESTABLISHMENTS RANKED BY SAMPLE YIELD

WAGE AREA: 141 Richmond, Virginia

SURVEY NUMBER: 091

FULL SCALE ORDER DATE: Nov 08

ESTABLISHMENT CODE & NAME	TOTAL EMPLOYMENT	WEIGHTED SAMPLES	CUMULATIVE SAMPLES PERCENT	INCREASE MONTH	CONTRACT OBTAINED
PERCENT COMMON:	55.26				

PGM: FTRENDLN.FTN V3.2  
TIME- 15:09

FEDERAL WAGE SYSTEM -- TREND LINE SUMMATIONS  
REGULAR SCHEDULE

PART I  
DATE- 08Jan2009

FULL SCALE SURVEY ( ALL ADEQUATE DATA POINTS )

WAGE AREA: 141 Richmond, Virginia

SURVEY NUMBER: 91

SURVEY ORDERED: NOV 08

JOB NUMBER AND TITLE	X	Y	XY	2		FX	FY	FGY	FX	
				X	F					
001 Janitor (Light)	1	13.821	13.821	1	19	19	262.599	262.599	19	
002 Janitor (Heavy)	2	19.190	38.380	4	68	136	1304.920	2609.840	272	
003 Material Handler	2	12.883	25.766	4	68	136	876.044	1752.088	272	
005 Packer	4	13.958	55.832	16	21	84	293.118	1172.472	336	
007 Warehouse Worker	5	15.278	76.390	25	431	2155	6584.818	32924.090	10775	
008 Forklift Operator	5	15.710	78.550	25	671	3355	10541.410	52707.050	16775	
009 Material Handling Equipment Operator	5	14.573	72.865	25	53	265	772.369	3861.845	1325	
010 Truckdriver (Medium)	6	15.398	92.388	36	120	720	1847.760	11086.560	4320	
011 Truckdriver (Heavy)	7	23.437	164.059	49	728	5096	17062.136	119434.952	35672	
013 Machine Tool Operator I	9	18.232	164.088	81	131	1179	2388.392	21495.528	10611	
015 Electrician	10	27.556	275.560	100	218	2180	6007.208	60072.080	21800	
016 Automotive Mechanic	10	25.010	250.100	100	175	1750	4376.750	43767.500	17500	
017 Sheet Metal Mechanic	10	20.421	204.210	100	37	370	755.577	7555.770	3700	
018 Pipefitter	10	30.078	300.780	100	52	520	1564.056	15640.560	5200	
019 Welder	10	19.027	190.270	100	100	1000	1902.700	19027.000	10000	
020 Machinist	10	22.388	223.880	100	78	780	1746.264	17462.640	7800	
	N = 16		SUMS = 106 306.960	2226.939	866	2970	19745	58286.121	410832.574	146377

PGM: FTRENDLN.FTN V3.2  
TIME- 15:09

FEDERAL WAGE SYSTEM -- TREND LINE STATISTICS  
REGULAR SCHEDULE

PART I  
DATE- 08Jan2009

FULL SCALE SURVEY ( ALL ADEQUATE DATA POINTS )

WAGE AREA: 141 Richmond, Virginia

SURVEY NUMBER: 91

SURVEY ORDERED: NOV 08

	UNIT	FREQUENCY	ELBOW	GRADE AVERAGE	MIDPOINT
	1 12.54	1 10.90	1 16.22	<13.82>	1 11.72
	2 13.72	2 12.45	2 16.04	<16.04>	2 13.09
	3 14.91	3 13.99	3 15.86	< 0.00>	3 14.45
	4 16.09	4 15.53	4 15.68	<13.96>	4 15.81
	5 17.27	5 17.08	5 15.50	<15.50>	5 17.17
	6 18.45	6 18.62	6 17.35	<15.40>	6 18.54
	7 19.63	7 20.17	7 19.21	<23.44>	7 19.90
	8 20.81	8 21.71	8 21.06	< 0.00>	8 21.26
	9 21.99	9 23.26	9 22.92	<18.23>	9 22.62
	10 23.17	10 24.80	10 24.78	<24.78>	10 23.99
	11 24.35	11 26.35	11 26.63	< 0.00>	11 25.35
	12 25.53	12 27.89	12 28.49	< 0.00>	12 26.71
	13 26.71	13 29.44	13 30.34	< 0.00>	13 28.07
	14 27.89	14 30.98	14 32.20	< 0.00>	14 29.44
	15 29.07	15 32.53	15 34.06	< 0.00>	15 30.80
TOTALS	312.13	325.70	336.34		318.92
A=	11.3632923664	A= 9.3562449990			A= 10.3597686827
B=	1.1806351145	B= 1.5445972830			B= 1.3626161988
POPULATION S.D.	3.3909	3.6080			3.4464
SAMPLE S.D.	3.6250	3.8571			3.6844



TIME- 15:09

REGULAR SCHEDULE

DATE- 08Jan2009

FULL SCALE SURVEY ( ALL ADEQUATE DATA POINTS )

WAGE AREA: 141 Richmond, Virginia

SURVEY NUMBER: 91

SURVEY ORDERED: NOV 08

LINE SELECTION WORKSHEET

DATA FIT BY JOB WEIGHTED AVERAGES:

	# JOBS	# SAMPLES	PERCENT
UNIT	7	553	18.62
FREQUENCY	9	2417	81.38
MID-POINT	0	0	0.00
TOTALS	16	2970	100.00

DATA FIT BY GRADE WEIGHTED AVERAGES:

	# LEVELS	# JOBS	# SAMPLES	PERCENT	GRADES
UNIT	4	5	406	13.67	1 2 6 9
FREQUENCY	4	11	2564	86.33	4 5 7 10
MID-POINT	0	0	0	0.00	
TOTALS	8	16	2970	100.00	

THE TREND LINES CROSS BETWEEN GRADES 5 AND 6.

LINE OF RECORD: \_\_\_\_\_

RECOMMENDED LINE: \_\_\_\_\_

FULL SCALE SURVEY

WAGE AREA: 141 Richmond, Virginia

SURVEY NUMBER: 91

SURVEY ORDERED: NOV 08

NUMBER	WG	PRESENT	COMPUTATIONS				COMPUTATIONS				RECOM- MENDED	ADJUSTMENT
			EMPLOYEES	RATES	UNIT	INCLUDING SPORTS FREQ	ELBOW	MIDPOINT	UNIT	EXCLUDING SPORTS *		
1	26	1 10.39	1 12.54	1 10.90	1 16.22	1 11.72	1 10.96	1 9.62	1 11.94	1 10.29	1	.
2	123	2 11.87	2 13.72	2 12.45	2 16.04	2 13.09	2 12.36	2 11.21	2 12.88	2 11.78	2	.
3	35	3 13.35	3 14.91	3 13.99	3 15.86	3 14.45	3 13.76	3 12.80	3 13.83	3 13.28	3	.
4	26	4 14.83	4 16.09	4 15.53	4 15.68	4 15.81	4 15.15	4 14.39	4 14.77	4 14.77	4	.
5	137	5 16.31	5 17.27	5 17.08	5 15.50	5 17.17	5 16.55	5 15.98	5 15.71	5 16.27	5	.
6	76	6 17.79	6 18.45	6 18.62	6 17.35	6 18.54	6 17.95	6 17.57	6 17.41	6 17.76	6	.
7	45	7 19.27	7 19.63	7 20.17	7 19.21	7 19.90	7 19.35	7 19.16	7 19.11	7 19.25	7	.
8	79	8 20.75	8 20.81	8 21.71	8 21.06	8 21.26	8 20.75	8 20.75	8 20.80	8 20.75	8	.
9	48	9 22.23	9 21.99	9 23.26	9 22.92	9 22.62	9 22.14	9 22.34	9 22.50	9 22.24	9	.
10	180	10 23.71	10 23.17	10 24.80	10 24.78	10 23.99	10 23.54	10 23.93	10 24.20	10 23.74	10	.
11	73	11 25.19	11 24.35	11 26.35	11 26.63	11 25.35	11 24.94	11 25.52	11 25.90	11 25.23	11	.
12	39	12 26.67	12 25.53	12 27.89	12 28.49	12 26.71	12 26.34	12 27.11	12 27.60	12 26.72	12	.
13	12	13 28.14	13 26.71	13 29.44	13 30.34	13 28.07	13 27.74	13 28.70	13 29.30	13 28.22	13	.
14	0	14 29.62	14 27.89	14 30.98	14 32.20	14 29.44	14 29.13	14 30.29	14 30.99	14 29.71	14	.
15	0	15 31.10	15 29.07	15 32.53	15 34.06	15 30.80	15 30.53	15 31.88	15 32.69	15 31.21	15	.
899		311.22										

- \* 001 Janitor (Light)
- \* 002 Janitor (Heavy)
- \* 005 Packer
- \* 007 Warehouse Worker
- \* 009 Material Handling Equipment Operator
- \* 010 Truckdriver (Medium)
- \* 011 Truckdriver (Heavy)
- \* 013 Machine Tool Operator I
- \* 015 Electrician
- \* 017 Sheet Metal Mechanic
- \* 018 Pipefitter
- \* 019 Welder

FULL SCALE SURVEY

WAGE AREA: 141 Richmond, Virginia

SURVEY NUMBER: 91

SURVEY ORDERED: NOV 08

REQUIRED SURVEY JOBS

GRADE	JOB NUMBER AND TITLE	SAMPLES		WEIGHTED AVERAGE
		UNWTD	WTD	
1	001 Janitor (Light)	10	19	13.821** (+10.21%)
2	002 Janitor (Heavy)	37	68	19.190** (+39.86%)
2	003 Material Handler	22	68	12.883
3	004 Maintenance Laborer	3	3	11.048*
4	005 Packer	15	21	13.958** (-13.24%)
5	007 Warehouse Worker	159	431	15.278** (-11.52%)
5	008 Forklift Operator	394	671	15.710
5	009 Material Handling Equipment Operator	35	53	14.573** (-15.60%)
6	010 Truckdriver (Medium)	60	120	15.398** (-16.53%)
7	011 Truckdriver (Heavy)	514	728	23.437** (+19.39%)
9	013 Machine Tool Operator I	31	131	18.232** (-17.07%)
9	014 Carpenter	7	7	28.018*
10	015 Electrician	177	218	27.556** (+18.92%)
10	016 Automotive Mechanic	139	175	25.010
10	017 Sheet Metal Mechanic	20	37	20.421** (-11.85%)
10	018 Pipefitter	52	52	30.078** (+29.81%)
10	019 Welder	57	100	19.027** (-17.87%)
10	020 Machinist	41	78	22.388
13	022 Toolmaker	7	8	27.520*
TOTALS		1780	2988	

FULL SCALE SURVEY

WAGE AREA: 141 Richmond, Virginia

SURVEY NUMBER: 91

SURVEY ORDERED: NOV 08

OPTIONAL SURVEY JOBS

GRADE	JOB NUMBER AND TITLE	SAMPLES		WEIGHTED AVERAGE
		UNWTD	WTD	
NO OPTIONAL JOBS WERE USED IN THE CALCULATIONS				

PROVISIONAL JOBS

GRADE	JOB NUMBER AND TITLE	SAMPLES		WEIGHTED AVERAGE
		UNWTD	WTD	
NO PROVISIONAL JOBS WERE USED IN THE CALCULATIONS				

ADDED SURVEY JOBS

GRADE	JOB NUMBER AND TITLE	SAMPLES		WEIGHTED AVERAGE
		UNWTD	WTD	
NO ADDED JOBS WERE USED IN THE CALCULATIONS				

GRAND TOTALS

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1780 2988

\* LESS THAN 10 UNWEIGHTED SAMPLES  
\*\* SPORT RATE

NOTE: INCENTIVE RATE DATA WERE NOT USED.