

&gt;

WD 05-2424 (Rev.-15) was first posted on www.wdol.gov on 06/25/2013

\*\*\*\*\*

REGISTER OF WAGE DETERMINATIONS UNDER		U.S. DEPARTMENT OF LABOR
THE SERVICE CONTRACT ACT		EMPLOYMENT STANDARDS ADMINISTRATION
By direction of the Secretary of Labor		WAGE AND HOUR DIVISION
		WASHINGTON D.C. 20210
		Wage Determination No.: 2005-2424
Diane C. Koplewski		Revision No.: 15
Director		Date Of Revision: 06/19/2013
Division of		
Wage Determinations		

State: Ohio

Area: Ohio Counties of Adams, Athens, Gallia, Highland, Hocking, Jackson,  
Lawrence, Meigs, Pike, Ross, Scioto, Vinton

---

\*\*Fringe Benefits Required Follow the Occupational Listing\*\*

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		10.91
01012 - Accounting Clerk II		12.56
01013 - Accounting Clerk III		14.03
01020 - Administrative Assistant		17.70
01040 - Court Reporter		18.49
01051 - Data Entry Operator I		11.47
01052 - Data Entry Operator II		12.52
01060 - Dispatcher, Motor Vehicle		17.05
01070 - Document Preparation Clerk		12.16
01090 - Duplicating Machine Operator		12.16
01111 - General Clerk I		10.42
01112 - General Clerk II		11.37
01113 - General Clerk III		12.76
01120 - Housing Referral Assistant		15.79
01141 - Messenger Courier		11.26
01191 - Order Clerk I		10.45
01192 - Order Clerk II		11.80
01261 - Personnel Assistant (Employment) I		12.96
01262 - Personnel Assistant (Employment) II		14.51
01263 - Personnel Assistant (Employment) III		16.17
01270 - Production Control Clerk		18.77
01280 - Receptionist		10.27
01290 - Rental Clerk		9.84
01300 - Scheduler, Maintenance		12.66
01311 - Secretary I		12.66
01312 - Secretary II		14.16
01313 - Secretary III		15.79
01320 - Service Order Dispatcher		15.16
01410 - Supply Technician		17.70
01420 - Survey Worker		11.21
01531 - Travel Clerk I		12.86
01532 - Travel Clerk II		13.72
01533 - Travel Clerk III		14.55
01611 - Word Processor I		11.21
01612 - Word Processor II		12.58
01613 - Word Processor III		14.07
05000 - Automotive Service Occupations		
05005 - Automobile Body Repairer, Fiberglass		17.26

05010 - Automotive Electrician	16.60
05040 - Automotive Glass Installer	15.87
05070 - Automotive Worker	15.87
05110 - Mobile Equipment Servicer	14.42
05130 - Motor Equipment Metal Mechanic	17.26
05160 - Motor Equipment Metal Worker	15.87
05190 - Motor Vehicle Mechanic	16.77
05220 - Motor Vehicle Mechanic Helper	14.33
05250 - Motor Vehicle Upholstery Worker	15.13
05280 - Motor Vehicle Wrecker	15.87
05310 - Painter, Automotive	16.60
05340 - Radiator Repair Specialist	15.87
05370 - Tire Repairer	13.87
05400 - Transmission Repair Specialist	17.26
07000 - Food Preparation And Service Occupations	
07010 - Baker	16.06
07041 - Cook I	14.66
07042 - Cook II	16.06
07070 - Dishwasher	11.31
07130 - Food Service Worker	11.31
07210 - Meat Cutter	16.06
07260 - Waiter/Waitress	12.28
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	18.18
09040 - Furniture Handler	12.00
09080 - Furniture Refinisher	18.18
09090 - Furniture Refinisher Helper	14.06
09110 - Furniture Repairer, Minor	16.30
09130 - Upholsterer	18.18
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	11.17
11060 - Elevator Operator	11.17
11090 - Gardener	14.66
11122 - Housekeeping Aide	11.22
11150 - Janitor	11.22
11210 - Laborer, Grounds Maintenance	12.28
11240 - Maid or Houseman	10.04
11260 - Pruner	11.22
11270 - Tractor Operator	13.88
11330 - Trail Maintenance Worker	12.28
11360 - Window Cleaner	12.40
12000 - Health Occupations	
12010 - Ambulance Driver	13.53
12011 - Breath Alcohol Technician	15.71
12012 - Certified Occupational Therapist Assistant	21.21
12015 - Certified Physical Therapist Assistant	20.47
12020 - Dental Assistant	13.21
12025 - Dental Hygienist	27.52
12030 - EKG Technician	21.54
12035 - Electroneurodiagnostic Technologist	21.54
12040 - Emergency Medical Technician	13.53
12071 - Licensed Practical Nurse I	14.04
12072 - Licensed Practical Nurse II	15.71
12073 - Licensed Practical Nurse III	17.52
12100 - Medical Assistant	11.71
12130 - Medical Laboratory Technician	16.13
12160 - Medical Record Clerk	12.69
12190 - Medical Record Technician	14.19
12195 - Medical Transcriptionist	12.82
12210 - Nuclear Medicine Technologist	28.77
12221 - Nursing Assistant I	9.38
12222 - Nursing Assistant II	10.55

12223 - Nursing Assistant III	11.51
12224 - Nursing Assistant IV	12.92
12235 - Optical Dispenser	15.47
12236 - Optical Technician	14.04
12250 - Pharmacy Technician	13.63
12280 - Phlebotomist	12.92
12305 - Radiologic Technologist	22.87
12311 - Registered Nurse I	21.89
12312 - Registered Nurse II	26.78
12313 - Registered Nurse II, Specialist	26.78
12314 - Registered Nurse III	32.40
12315 - Registered Nurse III, Anesthetist	32.40
12316 - Registered Nurse IV	38.83
12317 - Scheduler (Drug and Alcohol Testing)	19.47
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	17.15
13012 - Exhibits Specialist II	21.25
13013 - Exhibits Specialist III	26.00
13041 - Illustrator I	17.15
13042 - Illustrator II	21.25
13043 - Illustrator III	26.00
13047 - Librarian	23.53
13050 - Library Aide/Clerk	11.37
13054 - Library Information Technology Systems Administrator	21.25
13058 - Library Technician	14.80
13061 - Media Specialist I	15.33
13062 - Media Specialist II	17.15
13063 - Media Specialist III	19.13
13071 - Photographer I	13.81
13072 - Photographer II	15.45
13073 - Photographer III	19.14
13074 - Photographer IV	22.69
13075 - Photographer V	26.46
13110 - Video Teleconference Technician	16.45
14000 - Information Technology Occupations	
14041 - Computer Operator I	14.61
14042 - Computer Operator II	18.72
14043 - Computer Operator III	21.15
14044 - Computer Operator IV	22.66
14045 - Computer Operator V	25.09
14071 - Computer Programmer I	21.74
14072 - Computer Programmer II	24.22
14073 - Computer Programmer III	(see 1)
14074 - Computer Programmer IV	(see 1)
14101 - Computer Systems Analyst I	25.57
14102 - Computer Systems Analyst II	(see 1)
14103 - Computer Systems Analyst III	(see 1)
14150 - Peripheral Equipment Operator	14.61
14160 - Personal Computer Support Technician	22.66
15000 - Instructional Occupations	
15010 - Aircrew Training Devices Instructor (Non-Rated)	25.57
15020 - Aircrew Training Devices Instructor (Rated)	30.94
15030 - Air Crew Training Devices Instructor (Pilot)	36.53
15050 - Computer Based Training Specialist / Instructor	25.57
15060 - Educational Technologist	27.48
15070 - Flight Instructor (Pilot)	36.53
15080 - Graphic Artist	19.34
15090 - Technical Instructor	19.32
15095 - Technical Instructor/Course Developer	23.64
15110 - Test Proctor	15.60
15120 - Tutor	15.60

16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations	
16010 - Assembler	9.13
16030 - Counter Attendant	9.13
16040 - Dry Cleaner	11.56
16070 - Finisher, Flatwork, Machine	9.13
16090 - Presser, Hand	9.13
16110 - Presser, Machine, Drycleaning	9.13
16130 - Presser, Machine, Shirts	9.13
16160 - Presser, Machine, Wearing Apparel, Laundry	9.13
16190 - Sewing Machine Operator	12.37
16220 - Tailor	13.18
16250 - Washer, Machine	9.91
19000 - Machine Tool Operation And Repair Occupations	
19010 - Machine-Tool Operator (Tool Room)	17.98
19040 - Tool And Die Maker	21.26
21000 - Materials Handling And Packing Occupations	
21020 - Forklift Operator	13.69
21030 - Material Coordinator	18.77
21040 - Material Expediter	18.77
21050 - Material Handling Laborer	12.13
21071 - Order Filler	12.45
21080 - Production Line Worker (Food Processing)	13.69
21110 - Shipping Packer	13.86
21130 - Shipping/Receiving Clerk	13.86
21140 - Store Worker I	12.08
21150 - Stock Clerk	16.41
21210 - Tools And Parts Attendant	13.69
21410 - Warehouse Specialist	13.69
23000 - Mechanics And Maintenance And Repair Occupations	
23010 - Aerospace Structural Welder	20.63
23021 - Aircraft Mechanic I	19.80
23022 - Aircraft Mechanic II	20.63
23023 - Aircraft Mechanic III	21.49
23040 - Aircraft Mechanic Helper	15.72
23050 - Aircraft, Painter	18.91
23060 - Aircraft Servicer	17.36
23080 - Aircraft Worker	18.20
23110 - Appliance Mechanic	18.69
23120 - Bicycle Repairer	13.87
23125 - Cable Splicer	26.73
23130 - Carpenter, Maintenance	19.58
23140 - Carpet Layer	18.58
23160 - Electrician, Maintenance	23.78
23181 - Electronics Technician Maintenance I	21.12
23182 - Electronics Technician Maintenance II	23.33
23183 - Electronics Technician Maintenance III	24.78
23260 - Fabric Worker	16.61
23290 - Fire Alarm System Mechanic	19.17
23310 - Fire Extinguisher Repairer	15.48
23311 - Fuel Distribution System Mechanic	19.64
23312 - Fuel Distribution System Operator	15.77
23370 - General Maintenance Worker	14.33
23380 - Ground Support Equipment Mechanic	19.80
23381 - Ground Support Equipment Servicer	17.36
23382 - Ground Support Equipment Worker	18.20
23391 - Gunsmith I	15.48
23392 - Gunsmith II	17.78
23393 - Gunsmith III	19.80
23410 - Heating, Ventilation And Air-Conditioning Mechanic	18.45
23411 - Heating, Ventilation And Air Contditioning Mechanic (Research Facility)	19.18

23430 - Heavy Equipment Mechanic	17.77
23440 - Heavy Equipment Operator	21.57
23460 - Instrument Mechanic	22.10
23465 - Laboratory/Shelter Mechanic	18.92
23470 - Laborer	12.23
23510 - Locksmith	18.18
23530 - Machinery Maintenance Mechanic	20.36
23550 - Machinist, Maintenance	19.47
23580 - Maintenance Trades Helper	14.77
23591 - Metrology Technician I	22.10
23592 - Metrology Technician II	22.94
23593 - Metrology Technician III	23.78
23640 - Millwright	22.14
23710 - Office Appliance Repairer	18.54
23760 - Painter, Maintenance	18.56
23790 - Pipefitter, Maintenance	21.00
23810 - Plumber, Maintenance	20.25
23820 - Pneudraulic Systems Mechanic	19.80
23850 - Rigger	19.80
23870 - Scale Mechanic	17.78
23890 - Sheet-Metal Worker, Maintenance	19.73
23910 - Small Engine Mechanic	17.38
23931 - Telecommunications Mechanic I	25.39
23932 - Telecommunications Mechanic II	26.36
23950 - Telephone Lineman	23.30
23960 - Welder, Combination, Maintenance	17.64
23965 - Well Driller	19.58
23970 - Woodcraft Worker	19.80
23980 - Woodworker	15.48
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	9.32
24580 - Child Care Center Clerk	11.66
24610 - Chore Aide	10.29
24620 - Family Readiness And Support Services Coordinator	11.03
24630 - Homemaker	12.96
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	24.95
25040 - Sewage Plant Operator	18.18
25070 - Stationary Engineer	24.95
25190 - Ventilation Equipment Tender	16.70
25210 - Water Treatment Plant Operator	18.18
27000 - Protective Service Occupations	
27004 - Alarm Monitor	14.22
27007 - Baggage Inspector	10.64
27008 - Corrections Officer	18.93
27010 - Court Security Officer	18.63
27030 - Detection Dog Handler	11.92
27040 - Detention Officer	18.93
27070 - Firefighter	17.41
27101 - Guard I	10.64
27102 - Guard II	11.92
27131 - Police Officer I	18.22
27132 - Police Officer II	20.24
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	14.75
28042 - Carnival Equipment Repairer	15.58
28043 - Carnival Equipment Worker	12.01
28210 - Gate Attendant/Gate Tender	13.36
28310 - Lifeguard	11.90
28350 - Park Attendant (Aide)	14.94
28510 - Recreation Aide/Health Facility Attendant	10.91

28515 - Recreation Specialist	17.03
28630 - Sports Official	11.91
28690 - Swimming Pool Operator	17.67
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	17.11
29020 - Hatch Tender	17.11
29030 - Line Handler	17.11
29041 - Stevedore I	16.36
29042 - Stevedore II	18.00
30000 - Technical Occupations	
30010 - Air Traffic Control Specialist, Center (HFO) (see 2)	35.77
30011 - Air Traffic Control Specialist, Station (HFO) (see 2)	24.66
30012 - Air Traffic Control Specialist, Terminal (HFO) (see 2)	27.16
30021 - Archeological Technician I	16.51
30022 - Archeological Technician II	18.47
30023 - Archeological Technician III	22.89
30030 - Cartographic Technician	22.89
30040 - Civil Engineering Technician	20.48
30061 - Drafter/CAD Operator I	16.51
30062 - Drafter/CAD Operator II	18.47
30063 - Drafter/CAD Operator III	20.60
30064 - Drafter/CAD Operator IV	25.34
30081 - Engineering Technician I	15.58
30082 - Engineering Technician II	18.24
30083 - Engineering Technician III	20.23
30084 - Engineering Technician IV	25.29
30085 - Engineering Technician V	30.93
30086 - Engineering Technician VI	37.42
30090 - Environmental Technician	19.29
30210 - Laboratory Technician	19.26
30240 - Mathematical Technician	22.71
30361 - Paralegal/Legal Assistant I	17.74
30362 - Paralegal/Legal Assistant II	21.96
30363 - Paralegal/Legal Assistant III	26.89
30364 - Paralegal/Legal Assistant IV	32.54
30390 - Photo-Optics Technician	22.89
30461 - Technical Writer I	22.89
30462 - Technical Writer II	28.00
30463 - Technical Writer III	33.03
30491 - Unexploded Ordnance (UXO) Technician I	22.74
30492 - Unexploded Ordnance (UXO) Technician II	27.51
30493 - Unexploded Ordnance (UXO) Technician III	32.97
30494 - Unexploded (UXO) Safety Escort	22.74
30495 - Unexploded (UXO) Sweep Personnel	22.74
30620 - Weather Observer, Combined Upper Air Or (see 2)	20.60
Surface Programs	
30621 - Weather Observer, Senior (see 2)	22.89
31000 - Transportation/Mobile Equipment Operation Occupations	
31020 - Bus Aide	9.50
31030 - Bus Driver	13.37
31043 - Driver Courier	11.80
31260 - Parking and Lot Attendant	8.90
31290 - Shuttle Bus Driver	12.76
31310 - Taxi Driver	9.17
31361 - Truckdriver, Light	12.76
31362 - Truckdriver, Medium	15.11
31363 - Truckdriver, Heavy	16.27
31364 - Truckdriver, Tractor-Trailer	16.27
99000 - Miscellaneous Occupations	
99030 - Cashier	7.99
99050 - Desk Clerk	10.14
99095 - Embalmer	22.41

99251 - Laboratory Animal Caretaker I	13.20
99252 - Laboratory Animal Caretaker II	13.86
99310 - Mortician	27.93
99410 - Pest Controller	15.46
99510 - Photofinishing Worker	10.96
99710 - Recycling Laborer	13.94
99711 - Recycling Specialist	16.92
99730 - Refuse Collector	12.73
99810 - Sales Clerk	10.31
99820 - School Crossing Guard	11.31
99830 - Survey Party Chief	17.79
99831 - Surveying Aide	11.78
99832 - Surveying Technician	16.17
99840 - Vending Machine Attendant	13.88
99841 - Vending Machine Repairer	16.06
99842 - Vending Machine Repairer Helper	13.88

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$3.81 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 10 years, 4 after 15 years, and 5 after 25 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of eleven paid holidays per year: New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than \$27.63 (or on a salary or fee basis at a rate not less than \$455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541.400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds \$27.63 per hour conformances may be necessary for certain nonexempt employees. For example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage

determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:

(1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;

(2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;

(3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or

(4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives.

Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

#### \*\* UNIFORM ALLOWANCE \*\*

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to



this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at <http://www.dol.gov/esa/whd/> or through the Wage Determinations On-Line (WDOL) Web site at <http://wdol.gov/>.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

#### Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C) (vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized represent