



Ohio Department of Transportation
Office of Equipment Management
1620 West Broad Street
Columbus, OH 43223

2011 Equipment Standard Rates

Effective July 1, 2011 through December 31, 2011

The Office of Equipment Management calculates standard equipment rates for the Ohio Department of Transportation (ODOT). These rates are utilized internally at ODOT and are viewed and used by other state and local government agencies.

ODOT manages over 16,000 pieces of various types of equipment. Each piece of equipment carries its own independent historical and current information for accumulated costs, hour readings, and odometer readings where applicable.

For the hourly and non-metered equipment, the standard rate was derived from the Rental Rate Blue Book for Construction Equipment. This is the standard FHWA recommended reference for rental rate calculations. For items not referenced in the Rental Rate guide, ODOT contract rates were applied.

For equipment with a per mile rate, the calculation is as follows:

Miles Driven divided by FY Total Cost. This is done per each equipment type.

Miles Driven: Average of last five years total mileage driven. This average is used to account for possible mileage anomalies that may occur because of abnormal seasons (heavy or light snow season) or various yearly projects.

FY Total cost: Last fiscal year total operational cost (direct stock + direct fuel + direct labor + equipment depreciation + applied overhead cost).

For questions or more information, feel free to contact Chuck Bernthold at 614-351-2814, email: chuck.bernthold@dot.state.oh.us.

Equip Type	Equipment Type Description	Unit	Rate
101	SEDAN, STANDARD	MILE	\$0.34
111	STATION WAGON, STANDARD	MILE	\$0.11
113	STATION WAGON, CARRY/ALL	MILE	\$0.58
132	1/4 TON, 4 WHEEL DRIVE	MILE	\$0.47
133	PASS.VEHICLE 1/2T.ALL TERRAIN	MILE	\$0.29
201	VAN, MINI, PASSENGER	MILE	\$0.41
202	VAN, 3/4 TON, 8-12 PASSENGER	MILE	\$0.34
203	VAN, CARGO	MILE	\$0.49
204	VAN, 1 TON, 12-15 PASSENGER	MILE	\$0.61
205	HANDICAP VAN	MILE	\$0.86
213	UTILITY TRUCK 1 TON	MILE	\$0.80
214	UTILITY TRUCK 3/4 TON AND OVER	MILE	\$0.62
221	PICKUP, 1/2 TON	MILE	\$0.44
222	PICKUP, 3/4 TON	MILE	\$0.63
223	PICKUP, 1 TON	MILE	\$0.71
231	STAKE, 1 TON, STANDARD	MILE	\$0.75
232	STAKE, 1 TON, W/LIFTGATE	MILE	\$0.81
233	STAKE, 1 1/2 & OVER, STANDARD	MILE	\$1.53
234	STAKE, 1 1/2 & 2 TON, W/LFTGTE	MILE	\$2.08
241	WELDER, TRUCK	MILE	\$1.10
242	WRECKER	MILE	\$2.46
253	DUMP TRUCK, 10000-24999 GVW	MILE	\$1.07
254	DUMP TRUCK, 25000-35000GVW	MILE	\$2.25
256	DUMP TRUCK, TANDEM AXLE	MILE	\$3.25
258	STAKE TRUCK, MULTI-USE	MILE	\$3.85
262	TRUCK TRACTOR,OVER 50000GVW	MILE	\$2.00
270	TRAILER, UNDER 7 TON	MILE	\$1.07
271	TRAILER, 7 - 10 TON	MILE	\$1.07
272	TRAILER, OVER 10 TON	MILE	\$1.10
281	TRAILER,SEMI-VAN OVER 15 TON	MILE	\$3.86
309	TRAFFIC SIGNAL, PORTABLE	HOUR	\$17.48
310	BARRICADE-PORTABLE-MSG CNTR	HOUR	\$8.22
311	BACKHOE,TRACTOR W/LOADER	HOUR	\$23.83
316	BARRICADE ELECTRICADE1500W MTD	HOUR	\$7.23
320	BROOM, TOWED & PUSHED TYPE	HOUR	\$19.47
321	BROOM,SELF-PROPELLED	HOUR	\$51.69

Equip Type	Equipment Type Description	Unit	Rate
322	ATTENUATOR,TRUCK MOUNTED	HOUR	\$4.21
324	SCRUBBER, FLOOR SELF PROPELLED	HOUR	\$41.85
330	BUCKET, AERIAL, HYD. MTD	HOUR	\$21.27
340	CHIPPER, BRUSH	HOUR	\$25.93
354	CLEANER, FLUSHER, VACUM, MTD	HOUR	\$68.67
355	CLEANER,SEWER-HI VEL-TRL MTD	HOUR	\$53.12
370	COMPRESSOR UNDER 125CFM	HOUR	\$10.15
371	COMPRESSOR 125CFM	HOUR	\$12.50
372	COMPRESSOR OVER 125CFM	HOUR	\$34.77
391	CRANE, WHEELED, 1/2YD	HOUR	\$43.65
393	CRANE, WHEELED, MTD 3/4 YD, UP	HOUR	\$98.95
395	CRANE, HYDR. BOOM, TRUCK MOUNTD	HOUR	\$8.30
412	CUTTER STUMP	HOUR	\$38.10
420	DIGGER, DERRIC, TRK MTD.	HOUR	\$41.01
421	DIGGER,POSTHOLE,TRACTOR MOUNT	HOUR	\$3.01
422	DIGGER, POSTHOLE	HOUR	\$2.85
430	DISTRIBUTOR LOW PRESS MTD	HOUR	\$47.23
431	DISTRIBUTOR HIGH PRESS MTD	HOUR	\$39.37
432	DISTRIBUTOR, TRL. MTD.	HOUR	\$48.54
440	DITCHER/TRENCHER	HOUR	\$39.10
441	DITCHER/TRENCHR,SELF-PROPELLED	HOUR	\$71.10
450	DRILL, EARTH AUGER, TRK MTD	HOUR	\$50.45
452	DRILL, CORE, TRK MTD	HOUR	\$38.10
460	DRIVER, POST	HOUR	\$18.00
470	EXCAVATOR, LIGHT	HOUR	\$38.91
471	EXCAVATOR, HEAVY	HOUR	\$34.12
480	FORKLIFT, ALL SIZES	HOUR	\$25.23
490	GRADER, SMALL, UNDER 13000 LBS	HOUR	\$28.23
491	GRADER,MED.13,000 TO 23,000 LB	HOUR	\$33.23
492	GRADER, LRG, OVER 23000LBS	HOUR	\$41.14
590	LOADER, FRONT, TRACTOR ATTACH	HOUR	\$18.20
591	LOADER, SKID STEER	HOUR	\$32.18
592	LOADER FRONT END SELF 4WH	HOUR	\$31.08
593	LOADER FRONT END CRAWLER	HOUR	\$48.65
598	LOADER FORCE FEED	HOUR	\$46.12
615	MILLING MACHINE, PAVEMENT	HOUR	\$132.34
621	MIXER CONCRETE	HOUR	\$5.12
647	MOWER, UNDER 60 IN RIDING	HOUR	\$29.00

Equip Type	Equipment Type Description	Unit	Rate
652	MOWER,FLAIL 72IN.DUAL SIDE MTD	HOUR	\$35.32
657	PATCHER	HOUR	\$18.53
711	PUMP, WATER 2 IN.	HOUR	\$5.80
713	PUMP, WATER, 4 IN. & OVER	HOUR	\$6.85
745	ASPHALT RECLAIMER	HOUR	\$51.18
750	ROLLER, COMPACTION	HOUR	\$49.81
751	ROLLER, 1-3 TON	HOUR	\$31.12
752	ROLLER, PATCH, 4-6 & 5-8 TON	HOUR	\$32.34
754	ROLLER, 7-12 TON, 3 WHEEL	HOUR	\$41.32
756	ROLLER, TRENCH	HOUR	\$9.35
372	COMPRESSOR OVER 125CFM	HOUR	\$27.85
391	CRANE, WHEELED, 1/2YD	HOUR	\$40.61
393	CRANE, WHEELED, MTD 3/4 YD, UP	HOUR	\$119.79
395	CRANE, HYDR. BOOM, TRUCK MOUNTD	HOUR	\$7.50
412	CUTTER STUMP	HOUR	\$39.34
420	DIGGER, DERRIC, TRK MTD.	HOUR	\$38.41
421	DIGGER,POSTHOLE,TRACTOR MOUNT	HOUR	\$2.81
422	DIGGER, POSTHOLE	HOUR	\$2.19
430	DISTRIBUTOR LOW PRESS MTD	HOUR	\$49.89
431	DISTRIBUTOR HIGH PRESS MTD	HOUR	\$49.53
432	DISTRIBUTOR, TRL. MTD.	HOUR	\$51.65
440	DITCHER/TRENCHER	HOUR	\$39.66
441	DITCHER/TRENCHR,SELF-PROPELLED	HOUR	\$73.71
450	DRILL, EARTH AUGER, TRK MTD	HOUR	\$53.30
452	DRILL, CORE, TRK MTD	HOUR	\$34.37
460	DRIVER, POST	HOUR	\$25.00
470	EXCAVATOR, LIGHT	HOUR	\$37.99
471	EXCAVATOR, HEAVY	HOUR	\$39.28
480	FORKLIFT, ALL SIZES	HOUR	\$24.46
490	GRADER, SMALL, UNDER 13000 LBS	HOUR	\$27.74
491	GRADER,MED.13,000 TO 23,000 LB	HOUR	\$31.25
492	GRADER, LRG, OVER 23000LBS	HOUR	\$40.63
590	LOADER, FRONT, TRACTOR ATTACH	HOUR	\$25.00
591	LOADER, SKID STEER	HOUR	\$33.75
592	LOADER FRONT END SELF 4WH	HOUR	\$31.41
593	LOADER FRONT END CRAWLER	HOUR	\$63.00
598	LOADER FORCE FEED	HOUR	\$59.95
615	MILLING MACHINE, PAVEMENT	HOUR	\$150.00

Equip Type	Equipment Type Description	Unit	Rate
621	MIXER CONCRETE	HOUR	\$3.38
647	MOWER, UNDER 60 IN RIDING	HOUR	\$33.07
652	MOWER,FLAIL 72IN.DUAL SIDE MTD	HOUR	\$37.85
657	PATCHER	HOUR	\$29.29
711	PUMP, WATER 2 IN.	HOUR	\$6.25
713	PUMP, WATER, 4 IN. & OVER	HOUR	\$7.50
745	ASPHALT RECLAIMER	HOUR	\$56.96
750	ROLLER, COMPACTION	HOUR	\$50.26
751	ROLLER, 1-3 TON	HOUR	\$32.50
752	ROLLER, PATCH, 4-6 & 5-8 TON	HOUR	\$31.29
754	ROLLER, 7-12 TON, 3 WHEEL	HOUR	\$43.97
756	ROLLER, TRENCH	HOUR	\$10.31
771	SAW, CONCRETE, WALK BEHIND	HOUR	\$79.54
780	SEALER, PAVEMENT JOINT	HOUR	\$29.19
790	SEEDER, HYDRO	HOUR	\$26.20
810	SPRAYER, CHEM, 600 GAL OR LESS	HOUR	\$21.82
811	SPRAYER, CHEMICAL OVER 600 GAL	HOUR	\$22.12
827	SPREADER, PATCH	HOUR	\$31.55
831	SPREADER, STONE CHIP, TOW TYPE	HOUR	\$84.84
835	STRAIGHTENER, GUARD RAIL	HOUR	\$90.80
840	STRIPER, CENTERLINE, WALK TYPE	HOUR	\$18.36
841	STRIPER, CENTERLINE TRUCK MTD	HOUR	\$43.60
857	WATER TANK OVER 500 GAL TRK MT	HOUR	\$41.45
880	TOWER, AERIAL, HYD.	HOUR	\$48.00
885	TOWER, AERIAL, HYD. UNDER BRI	HOUR	\$68.94
890	TRACTOR, UNDER 140 CU. IN.	HOUR	\$27.52
892	TRACTOR, 165-190 CU. IN.	HOUR	\$28.47
893	TRACTOR, 190 CU. IN. & OVER	HOUR	\$27.56
894	TRACTOR, CRAWLER, UNDER 10 TON	HOUR	\$31.24
895	TRACTOR, CRAWLER, OVER 10 TON	HOUR	\$36.45
930	WELDER,PORTABLE,200-300 AMP	HOUR	\$11.28
935	WIDENER ROAD SELF PROPELLED	HOUR	\$64.65