

February 2022

Activity-Based Model Data Dictionary

Coordinated Travel – Regional Activity Based Modeling Platform (CT-RAMP)

Atlanta Regional Commission
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ABM (ARCABM)

ARC20{YR}.gdb\ARC{YR}HWY\ARC{YR}HWY_Link
OUTPUTS.gdb\DAILY\DAILY_Link
OUTPUTS.gdb\{TOD}\{TOD}_Link
Links.csv

Attribute	Description
A	Beginning node
B	End node
SHAPE_Length	Link distance (feet)
A_B	Unique link ID
NAME	Facility name
COUNTY	County code
COUNTY2	Second county code
COUNTYNAME	County name(s)
FACTYPE	Facility type
FCLASS	Functional classification
XDIRECTION	X link direction
YDIRECTION	Y link direction
OPERATION	Roadway operation (1 = one-way, 2 = two-way, 3 = reversible)
LANESTOTAL	Number of through lanes in both directions or one direction if one-way
LANES	Number of through lanes in one direction (includes auxiliary lanes)
LANESEA	Number of through lanes in early morning period
LANESAM	Number of through lanes in AM peak period
LANESMD	Number of through lanes in mid-day period
LANESPM	Number of through lanes in PM peak period
LANESEV	Number of through lanes in evening period
AUXLANE	Number of auxiliary lanes
DISTANCE	Link distance (miles)
PROHIBIT	Prohibition
RAMPFLAG	Loop ramp flag
WEAVEFLAG	Major freeway-to-freeway interchange approach flag
TOLLID	Toll identifier for toll optimization
GPID	Corridor identifier for toll optimization
HOVMERGE	HOV/HOT lane merge flag
USHIGHWAY	US highway route
STATEROUTE	State route
NHS	National Highway System (FHWA)
RTN	Regional Thoroughfare Network (ARC) flag
RSTS	Regional Strategic Transportation System (ARC) flag
NHPN	National Highway Planning Network (FHWA)

Attribute	Description
NHFN	National Highway Freight Network (FHWA) flag
SDFC	Statewide Designated Freight Corridors (GDOT) flag
ASTROMAP	Atlanta Strategic Truck Route Master Plan (ARC) flag
TRNDIST	Fixed guideway transit distance (miles)
TRNSPD	Fixed guideway transit speed (mph)
TRNTIME	Fixed guideway transit time (minutes)
SIGNALIMPR	Signal pre-emption flag to increase bus speeds
MINBUSSPD	Minimum bus speed in mph for buses to use on shoulders during congestion
MAXBUSSPD	Maximum bus speed in mph for buses in HOV or Express Lanes
TMC	Traffic Message Channel code (collapsed NPMRDS)
TMC_NPMRDS	Traffic Message Channel code (original NPMRDS)
TMCFLAG	TMC_NPMRDS code flag
EASPD	Observed early morning period HERE 2015 speed (mph)
AMSPD	Observed AM peak period HERE 2015 speed (mph)
MDSPD	Observed mid-day period HERE 2015 speed (mph)
PMSPD	Observed PM peak period HERE 2015 speed (mph)
EVSPD	Observed evening period HERE 2015 speed (mph)
SPEEDLIMIT	Speed limit (mph)
CNTSTATION	GDOT traffic count station identifier {{COUNTY}-XXXX}
DIRAADT00	Directional annual average daily traffic (2000)
DIRAADT05	Directional annual average daily traffic (2005)
DIRAADT10	Directional annual average daily traffic (2010)
DIRAADT15	Directional annual average daily traffic (2015)
DIRAWDT00	Directional average weekday daily traffic (2000)
DIRAWDT05	Directional average weekday daily traffic (2005)
DIRAWDT10	Directional average weekday daily traffic (2010)
DIRAWDT15	Directional average weekday daily traffic (2015)
ATR	GDOT permanent count station
ATR_DIR	ATR count station directionality
HR1	Directional average weekday daily traffic (2015) in 12 AM to 1 AM period
HR2	Directional average weekday daily traffic (2015) in 1 AM to 2 AM period
HR3	Directional average weekday daily traffic (2015) in 2 AM to 3 AM period
HR4	Directional average weekday daily traffic (2015) in 3 AM to 4 AM period
HR5	Directional average weekday daily traffic (2015) in 4 AM to 5 AM period
HR6	Directional average weekday daily traffic (2015) in 5 AM to 6 AM period
HR7	Directional average weekday daily traffic (2015) in 6 AM to 7 AM period
HR6	Directional average weekday daily traffic (2015) in 5 AM to 6 AM period

Attribute	Description
HR7	Directional average weekday daily traffic (2015) in 6 AM to 7 AM period
HR8	Directional average weekday daily traffic (2015) in 7 AM to 8 AM period
HR9	Directional average weekday daily traffic (2015) in 8 AM to 9 AM period
HR10	Directional average weekday daily traffic (2015) in 9 AM to 10 AM period
HR11	Directional average weekday daily traffic (2015) in 10 AM to 11 AM period
HR12	Directional average weekday daily traffic (2015) in 11 AM to 12 PM period
HR13	Directional average weekday daily traffic (2015) in 12 PM to 1 PM period
HR14	Directional average weekday daily traffic (2015) in 1 PM to 2 PM period
HR15	Directional average weekday daily traffic (2015) in 2 PM to 3 PM period
HR16	Directional average weekday daily traffic (2015) in 3 PM to 4 PM period
HR17	Directional average weekday daily traffic (2015) in 4 PM to 5 PM period
HR18	Directional average weekday daily traffic (2015) in 5 PM to 6 PM period
HR19	Directional average weekday daily traffic (2015) in 6 PM to 7 PM period
HR20	Directional average weekday daily traffic (2015) in 7 PM to 8 PM period
HR21	Directional average weekday daily traffic (2015) in 8 PM to 9 PM period
HR22	Directional average weekday daily traffic (2015) in 9 PM to 10 PM period
HR23	Directional average weekday daily traffic (2015) in 10 PM to 11 PM period
HR24	Directional average weekday daily traffic (2015) in 11 PM to 12 AM period
CNTFAC	Flag for count factoring between general purpose and HOV/Express lanes
FACTOR	Factor applied to split counts between general purpose and HOV/Express Lanes
TRKPCT	Truck percentage for base year validation
MTKPCT	Medium duty truck percentage for base year validation
HTKPCT	Heavy duty truck percentage for base year validation
FWYSEG	Freeway segment for base year validation
ARTSEG	Arterial segment for base year validation
SCREENLINE	Screenline number for base year validation
CONTROL_TO	Traffic control towards
RAMPMETER	Flag for ramp meter location
EA_RMETER	Number of hours ramp meter operational in early morning period
AM_RMETER	Number of hours ramp meter operational in AM peak period
MD_RMETER	Number of hours ramp meter operational in mid-day period
PM_RMETER	Number of hours ramp meter operational in PM peak period
EV_RMETER	Number of hours ramp meter operational in evening period
RTOP_SEG	RTOP corridor segment (2015 / 2018)
NOTURN_SEQ	Sequence of prohibited movements at an intersection
GDOT_ID	GDOT project ID
MPO_ID	MPO project ID (ARC / CBMPO / GHMPO)

Attribute	Description
WALKTIME	Link walk time (in minutes)
TAZ	Associated TAZ
TAZ2	Second associated TAZ
ATYPE	Area type
LINKCLASS	Attribute for assignment (FACTYPE + 1)
FIXED	Fixed or per mile toll flag (0 = per mile, 1 = fixed)
TOLLEA	Toll charge for link (in \$) in early morning period
TOLLAM	Toll charge for link (in \$) in AM peak period
TOLLMD	Toll charge for link (in \$) in mid-day period
TOLLPM	Toll charge for link (in \$) in PM peak period
TOLLEV	Toll charge for link (in \$) in evening period
EACAPACITY	Link hourly capacity by time period in early morning period
AMCAPACITY	Link hourly capacity by time period in AM peak period
MDCAPACITY	Link hourly capacity by time period in mid-day period
PMCAPACITY	Link hourly capacity by time period in PM peak period
EVCAPACITY	Link hourly capacity by time period in evening period
SPEED	Free-flow speed
TIME1	Free-flow time
TIME_1	Congested time
VC_1	Volume to capacity ratio
LOS	Level of service
CGSTDSPD	Congested speed
V_EA / V_TOTEA	Single occupancy vehicle volume in early morning period
V_AM / V_TOTAM	Single occupancy vehicle volume in AM peak period
V_MD / V_TOTMD	Single occupancy vehicle volume in mid-day period
V_PM / V_TOTPM	Single occupancy vehicle volume in PM peak period
V_EV / V_TOTEV	Single occupancy vehicle volume in evening period
V_TOTDAY / V_TOT{TOD}	Total vehicular volume
V_SOV / V_SOV{TOD}	Single occupancy vehicle volume
V_HOV / V_HOV{TOD}	Total shared ride vehicle volume
V_HOV2 / V_HOV2{TOD}	2 person per car vehicle volume
V_HOV3 / V_HOV3{TOD}	3+ person per car vehicle volume
V_COM / V_COM{TOD}	Commercial vehicle volume
V_MTK / V_MTK{TOD}	Medium duty truck volume
V_HTK / V_HTK{TOD}	Heavy duty truck volume
V_TRK / V_TRK{TOD}	Total truck volume (commercial vehicle / medium duty / heavy duty)
V_PNR / V_PNR{TOD}	PNR access volume

Attribute	Description
V_KNR / V_KNR{TOD}	KNR access volume
TIME_EA / TIME_1 {TOD}	Congested time in early morning period
TIME_AM / TIME_1 {TOD}	Congested time in AM peak period
TIME_MD / TIME_1 {TOD}	Congested time in mid-day period
TIME_PM / TIME_1 {TOD}	Congested time in PM peak period
TIME_EV / TIME_1 {TOD}	Congested time in evening period
SPD_EA / CGSTDSPD {TOD}	Congested speed in early morning period
SPD_AM / CGSTDSPD {TOD}	Congested speed in AM peak period
SPD_MD / CGSTDSPD {TOD}	Congested speed in mid-day period
SPD_PM / CGSTDSPD {TOD}	Congested speed in PM peak period
SPD_EV / CGSTDSPD {TOD}	Congested speed in evening period
VC_EA / VC_1 {TOD}	Volume to capacity ratio in early morning period
VC_AM / VC_1 {TOD}	Volume to capacity ratio in AM peak period
VC_MD / VC_1 {TOD}	Volume to capacity ratio in mid-day period
VC_PM / VC_1 {TOD}	Volume to capacity ratio in PM peak period
VC_EV / VC_1 {TOD}	Volume to capacity ratio in evening period
VMT	Vehicle miles traveled
VHT	Vehicle hours traveled

FACTYPE – Facility type

Value	Meaning
0	Centroid or external connector
1	Interstate or freeway
2	Expressway
3	Parkway or rural expressway
4	Freeway HOV or HOT
7	System to system, collector distributor, or high speed ramp
8	Exit ramp
9	Entrance ramp
10	Principal arterial
11	Minor arterial
14	Collector or local road
50	Transit - neighborhood or local bus (12 mph)
51	Transit - local or collector (20 mph)
52	Transit - PNR to street connector
53	Transit - rail to bus transfer
55	Transit - PNR lot to transit stop
98	Transit - pedestrian walkways
99	Transit - fixed guideway

FCLASS – Functional classification

Value	Meaning
1	Interstate
2	Freeway or expressway
3	Principal arterial
4	Minor arterial
5	Major collector
6	Minor collector
7	Local road

PROHIBIT – Prohibition

Value	Meaning
0	No restrictions
1	Trucks prohibited
2	HOV 2+
3	SOV toll; HOV 2+ free; no trucks
4	Trucks only
5	I-285 bypass
6	HOV 3+
7	SOV and HOV 2 toll; HOV 3+ free; no trucks
8	SOV and truck toll; HOV 2+ free
9	SOV, HOV 2, and truck toll; HOV 3+ free
10	Truck only toll
11	HOV 2 toll; HOV 3+ free; No trucks or SOV
12	SOV and HOV 2+ toll; no trucks
13	All vehicles allowed and tolled

STATROUTE - State route

Value	Meaning
1	State route
2	Entrance or exit ramps to state routes or frontage road on state system
3	Temporary state route

NHS – National Highway System (FHWA)

Value	Meaning
1	Interstates
4	Strategic Highway Network (STRAHNET)
7	Principal arterials
8	Intermodal connectors
10	MAP-21 principal arterials

NHPN – National Highway Planning Network (FHWA)

Value	Meaning
1	Current NHPN & current NHS
2	Current NHPN & prior NHS
3	Future NHPN & current NHS (MAP-21 principal arterials)

CONTROL_TO – Traffic control towards

Value	Meaning
1	Traffic control signal
2	Bike/ped signal (includes hawk signals)
3	Emergency signal
4	Ramp meter signal
5	Railroad crossing at grade (stop both ways)
6	Railroad crossing at grade (yield both ways)
7	All-ways stop (includes red flashers)
8	Non all-ways stop (includes red/yellow flashers)
9	Roundabout (yield to circle)
10	Yield (non all-ways)

ATYPE – Area type

Value	Meaning
1	Very high density urban / CBD
2	High density urban
3	Medium density urban
4	Low density urban
5	Suburban
6	Exurban
7	Rural

LOS – Level of service

Value	Meaning
A/B	$V/C < 0.5$
C	$0.5 > V/C < 0.7$
D	$0.7 > V/C < 0.84$
E	$0.84 > V/C < 1.0$
F	$V/C > 1.0$

ARC20{YR}.gdb\ARC{YR}HWY\ARC{YR}HWY_Node
 OUTPUTS.gdb\DAILY\DAILY_Node
 OUTPUTS.gdb\{TOD}\{TOD}_Node

Attribute	Description
N	Node ID
X	Longitude (feet)
Y	Latitude (feet)
COUNTY1	County code
COUNTY2	Second county code
COUNTY3	Third county code
COUNTYNAME	County name(s)
STATION	Transit station name
STAFLAG	Transit station flag
PNR_NAME	Park and ride name
PNR	Park and ride flag
PNR_MAJOR	Major or end of line park and ride flag
CONTROL	Traffic control
CONTROLDES	Traffic control description
CONTROL_N	Street north of signal or roundabout
CONTROL_S	Street south of signal or roundabout
CONTROL_W	Street west of signal or roundabout
CONTROL_E	Street east of signal or roundabout
CITY	City location of signal or roundabout
MAINTAINED	Jurisdiction providing maintenance of signal or roundabout
SIGNAL_ID	GDOT signal id
TRAFFIC_OP	Traffic operations program (RTOP, MTOP, PTO, DTO)
NOTURN	Prohibited movement location flag
GDOT_ID	GDOT project id
MPO_ID	MPO project id (ARC / CBMPO / GHMPO)

tribute	Description
PRIVATE	Private employment (SIC)
GOVT	Government employment (SIC)
COUNTY	County name
CBDFLAG	Central Business District flag
N11	Agriculture, forestry, fishing, and hunting employment (NAICS)
N21	Mining, quarrying, and oil and gas extraction employment (NAICS)
N22	Utilities employment (NAICS)
N23	Construction employment (NAICS)
N313233	Textile mills employment (NAICS)
N42	Wholesale trade employment (NAICS)
N4445	Retail trade employment (NAICS)
N4849	Transportation and warehousing employment (NAICS)
N51	Information employment (NAICS)
N52	Finance and insurance employment (NAICS)
N53	Real estate and rental and leasing employment (NAICS)
N54	Professional, scientific, and technical services employment (NAICS)
N55	Management of companies and enterprises employment (NAICS)
N56	Administrative and support and waste management and remediation services employment (NAICS)
N61	Educational services employment (NAICS)
N62	Health care and social assistance employment (NAICS)
N71	Arts, entertainment, and recreation employment (NAICS)
N72	Accommodation and food services employment (NAICS)
N81	Other services except public administration employment (NAICS)
N92	Public administration employment (NAICS)
ENROLLDS	Enrollment of driving age students (11th and 12th grades)
ENROLLPD	Enrollment of non-driving age students (1st through 10th grades)
CONSTRUC	Construction employment (SIC)
MANUFAC	Manufacturing employment (SIC)
TCU	Transportation, communication, utilities employment (SIC)
WHOLESL	Wholesale employment (SIC)
RETAIL	Retail employment (SIC)
FIRE	Financial, insurance, real estate employment (SIC)
SERVICE	Service employment (SIC)
GOVT	Government employment (SIC)
EMP	Employment
POP	Population
HSHLD	Households
UNIV	University enrollment

Attribute	Description
ACRES	Area
OTHEREMP	Other employment
DISTRICT	District
PARKTOT	Total parking spaces in ABM TAZ (traffic analysis zone)
PARKLNG	Total long-term parking spaces in ABM TAZ (traffic analysis zone)
PROPFREE	Proportion of free parking in ABM TAZ (traffic analysis zone)
PARKRATE	Parking cost (\$/hr) in ABM TAZ (traffic analysis zone)

CONTROL – Traffic control

Value	Meaning
1	Traffic control signal
2	Bike/ped signal (includes hawk signals)
3	Emergency signal
4	Ramp meter signal
5	Railroad crossing at grade (stop both ways)
6	Railroad crossing at grade (yield both ways)
7	All-ways stop (includes red flashers)
8	Non all-ways stop (includes red/yellow flashers)
9	Roundabout (yield to circle)
10	Yield (non all-ways)

ARC20{YR}.gdb\NonPremium{YR}\ARC{YR}HWY_PTLine
 ARC20{YR}.gdb\Premium{YR}\ARC{YR}HWY_PTLine

Attribute	Description
SHAPE_Length	Link distance (feet)
NAME	Route pattern name
MODE	Route mode
OPERATOR	Route operator
ONEWAY	One-way route flag
CIRCULAR	Circular route flag (same beginning and ending node)
HEADWAY_1	Headway in early morning period
HEADWAY_2	Headway in AM peak period
HEADWAY_3	Headway in mid-day period
HEADWAY_4	Headway in PM peak period
HEADWAY_5	Headway in evening peak period
LONGNAME	Route name

MODE – Route mode

Value	Meaning
14	MARTA Local Bus
15	MARTA Heavy Rail
16	MARTA Express Bus
17	MARTA Light Rail
18	MARTA BRT - planned
24	CobbLinc Local Bus
26	CobbLinc Express Bus
28	CobbLinc BRT - planned
44	GCT Local Bus
46	GCT Express Bus
48	GCT BRT - planned
56	ATL XPRESS
64	CATS Local Bus
74	HAT (Gainesville Express) Local Bus
84	Connect Douglas Local Bus
100	Free shuttle (University or activity center)

OPERATOR - Route operator

Value	Meaning
1	MARTA
2	CobbLinc Local Bus
3	CobbLinc Express Bus
4	GCT Local Bus
5	GCT Express Bus Zone 1
6	GCT Express Bus Zone 2
7	ATL XPRESS Zone Green
8	ATL XPRESS Zone Blue
9	CATS
10	HAT (Gainesville Express)
11	ATL Streetcar
12	Free shuttle (University or activity center)
13	Connect Douglas
14	Henry County Transit

ARC20{YR}.gdb\NonPremium{YR}\ARC{YR}HWY_PTLink ARC20{YR}.gdb\Premium{YR}\ARC{YR}HWY_PTLink

Attribute	Description
A	Beginning node
B	End node
SHAPE_Length	Link distance (feet)
LINEID	Line ID (corresponds to OBJECTID in the PT Line file)
SEQNO	Sequence number
TF	Time factor

ARC20{YR}.gdb\NonPremium{YR}\ARC{YR}HWY_PTNode ARC20{YR}.gdb\Premium{YR}\ARC{YR}HWY_PTNode

Attribute	Description
LINEID	Line ID (corresponds to OBJECTID in the PT Line file)
SEQNO	Sequence number
STOPNODE	Stop location flag
NODES	Node ID
ACCESS_	Access restriction (0 = no restriction, 1 = boarding only, 2 = exit only)
DWELL	Dwell time in minutes (1 minute for station and park and ride stops, 0.5 minutes otherwise)

TotalRouteLoads.dbf

Attribute	Description
NAME	Route pattern name
MODE	Route mode
EAHDWY	Headway in early morning period
AMHDWY	Headway in AM peak period
MDHDWY	Headway in mid-day period
PMHDWY	Headway in PM peak period
EVHDWY	Headway in evening period
BOARDS	Total boardings
EABRDS	Boardings in early morning period
AMBRDS	Boardings in AM peak period
MDBRDS	Boardings in mid-day period
PMBRDS	Boardings in PM peak period
EVBRDS	Boardings in evening period
APBRDS	Boardings from air passenger model
PASSMILES	Total passenger miles
EAPMILES	Passenger miles in early morning period
AMPMILES	Passenger miles in AM peak period
MDPMILES	Passenger miles in mid-day period
PMPMILES	Passenger miles in PM peak period
EVPMILES	Passenger miles in evening period
APPMILES	Passenger miles from air passenger model
PASSHOURS	Total passenger hours
EAPHOURS	Passenger hours in early morning period
AMPHOURS	Passenger hours in AM peak period
MDPHOURS	Passenger hours in mid-day period
PMPHOURS	Passenger hours in PM peak period
EVPHOURS	Passenger hours in evening period
APPHOURS	Passenger hours from air passenger model
EATIME	Time in early morning period
AMTIME	Time in AM peak period
MDTIME	Time in mid-day period
PMTIME	Time in PM peak period
EVTIME	Time in evening period
DIST	Distance (miles)
EASPD	Speed in early morning period
AMSPD	Speed in AM peak period
MDSPD	Speed in mid-day period
PMSPD	Speed in PM peak period
EVSPD	Speed in evening period

TransitStopData.dbf

Attribute	Description
N	Node ID
X	Longitude (feet)
Y	Latitude (feet)
STATION	Transit station name
STAFLAG	Transit station flag
PNR	Park and ride flag
PNR_MAJOR	Major or end of line park and ride flag
EABRD	Boardings in early morning period
EAXIT	Exits in early morning period
AMBRD	Boardings in AM peak period
AMXIT	Exits in AM peak period
MDBRD	Boardings in mid-day period
MDXIT	Exits in mid-day period
PMBRD	Boardings in PM peak period
PMXIT	Exits in PM peak period
EVBRD	Boardings in evening period
EVXIT	Exits in evening period
APBRD	Boardings from air passenger model
APEXIT	Exits from air passenger model
TOTBRD	Total boardings
TOTXIT	Total exits

accessibility.csv

Attribute	Description
Taz	ABM TAZ (traffic analysis zone)
autoPeakRetail	Automobile accessibility during peak periods to retail employment
autoPeakTotal	Automobile accessibility during peak periods to all employment
autoOffPeakRetail	Automobile accessibility during off-peak periods to retail employment
autoOffPeakTotal	Automobile accessibility during off-peak periods to all employment
transitPeakRetail	Transit accessibility during peak periods to retail employment
transitPeakTotal	Transit accessibility during peak periods to all employment
transitOffPeakRetail	Transit accessibility during off-peak periods to retail employment
transitOffPeakTotal	Transit accessibility during off-peak periods to all employment
nonMotorizedRetail	Walk accessibility during all time periods to retail employment
nonMotorizedTotal	Walk accessibility during all time periods to all employment

autoOwnershipDistrict.csv

Attribute	Description
taz	ABM TAZ (traffic analysis zone)
geoID	2010 Census tract
aoDistrict	Auto Ownership District

aoResults.csv

Attribute	Description
HHID	Unique household ID
AO	Autos owned

cdapResults.csv

Attribute	Description
HHID	Unique household ID
PersonID	Unique person ID
PersonNum	Person number in household
PersonType	Person type
ActivityString	Daily activity pattern (M = mandatory, N = non-mandatory, H = at home)

PersonType – Person type

Value	Meaning
1	Full-time worker
2	Part-time worker
3	University student
4	Non-worker
5	Retired
6	Student of driving age
7	Student of non-driving age
8	Child too young for school

Attribute	Description
hh_id	Household ID
taz	Origin ABM TAZ (traffic analysis zone)
walk_subzone	Walk subzone
income	Household income
autos	Number of autos
jtf_choice	Joint tour frequency choice
size	Household size
workers	Number of workers in household
auto_suff	Auto sufficiency (cars>=wkrs, cars<wkrs)
ao_rn	Random number used in auto ownership model
fp_rn	Random number used in free parking model
cdap_rn	Random number used in daily activity pattern model
imtf_rn	Random number used in individual mandatory tour frequency model
imtod_rn	Random number used in individual mandatory tour time-of-day model
immc_rn	Random number used in individual mandatory tour model choice model
jtf_rn	Random number used in joint tour frequency model
jtl_rn	Random number used in joint tour location choice model
jtod_rn	Random number used in joint tour time-of-day model
jmc_rn	Random number used in joint tour model choice model
inmtf_rn	Random number used in individual non-mandatory tour frequency model
inmtl_rn	Random number used in individual non-mandatory tour location choice model
inmtod_rn	Random number used in individual non-mandatory tour time-of-day model
inmmc_rn	Random number used in individual non-mandatory tour model choice model
awf_rn	Random number used in after work tour frequency model
awl_rn	Random number used in the after work location choice model
awtod_rn	Random number used in after work tour time-of-day model
awmc_rn	Random number used in after work tour model choice model
stf_rn	Random number used in stop frequency model
stl_rn	Random number used in stop location choice model

Attribute	Description
hh_id	Unique household ID
person_id	Unique person ID
person_num	Person number within household
person_type	Person type
tour_id	Tour number for each person (0 = first tour made by a person, 1 = second tour, etc)
tour_category	Tour type (AT_WORK, INDIVIDUAL_NON_MANDATORY, MANDATORY)
tour_purpose	Tour purpose (atwork_business, atwork_eat, atwork_maint, eatout, escort_kids, escort_no kids, othdiscr, othmaint, school_drive, school_predrive, shopping, social, university, work_bluecollar, work_health, work_retailandfood, work_services, work_whitecollar)
orig_taz	Tour origin ABM TAZ (traffic analysis zone)
orig_walk_segment	Tour origin ABM TAZ walk subzone type
dest_taz	Tour destination ABM TAZ (traffic analysis zone)
dest_walk_segment	Tour destination ABM TAZ (traffic analysis zone) walk subzone type
start_period	Tour start time period (1 -> 3:00am, 48 -> 2:30am)
end_period	Tour end time period (1 -> 3:00am, 48 -> 2:30am)
tour_mode	Tour mode code
atWork_freq	Number of at work subtours made
num_ob_stops	Number of outbound stops on tour
num_ib_stops	Number of inbound stops made on tour
outstop_X_mode (# = 1 to 15)	Outstop mode X
outstop_X_period (# = 1 to 15)	Outstop period X
outstop_X_taz (# = 1 to 15)	Outstop ABM TAZ (traffic analysis zone) X
outstop_X_purpose (# = 1 to 15)	Outstop activity X (eatout, escort, othdiscr, othmaint, shopping, social)
instop_X_mode (# = 1 to 15)	Instop mode X
instop_X_period (# = 1 to 15)	Instop period X
instop_X_taz (# = 1 to 15)	Instop ABM TAZ (traffic analysis zone) X
instop_X_purpose (# = 1 to 15)	Instop activity X (eatout, escort, othdiscr, othmaint, shopping, social)
UTIL_X (# = 1 to 15)	Utility for mode X (# = 1 to 15)
PROB_X (# = 1 to 15)	Probability for mode X (# = 1 to 15)

tour_mode – Tour mode

Value	Meaning
1	DRIVEALONEFREE (non-toll drive alone)
2	DRIVEALONEPAY (toll eligible drive alone)
3	SHARED2FREE (non-toll shared ride 2)
4	SHARED2PAY (toll eligible shared ride 2)
5	SHARED3FREE (non-toll shared ride 3+)
6	SHARED3PAY (toll eligible shared ride 3+)
7	WALK
8	BIKE
9	WALK_ALLTRN
10	WALK_PRMTRN
11	PNR_ALLTRN
12	PNR_PRMTRN
13	KNR_ALLTRN
14	KNR_PRMTRN
15	SCHLBUS

indivTripData.csv

Attribute	Description
hh_id	Household ID
person_id	Person ID
person_num	Person number
tour_id	Tour ID
stop_id	Trip stop ID on the tour (-1 = no stop, else 0-3)
inbound	Inbound Trip (0 = inbound, 1 = outbound)
tour_purpose	Tour purpose (atwork_business, atwork_eat, atwork_maint, eatout, escort_kids, escort_no kids, othdiscr, othmaint, school_drive, school_predrive, shopping, social, university, work_bluecollar, work_health, work_retailandfood, work_services, work_whitecollar)
orig_purpose	Origin purpose (atwork, eatout, escort, Home, othdiscr, othmaint, school, shopping, social, university, Work)
dest_purpose	Destination purpose (atwork, eatout, escort, Home, othdiscr, othmaint, school, shopping, social, university, Work)
orig_taz	Origin ABM TAZ (traffic analysis zone)
orig_walk_segment	Origin ABM TAZ (traffic analysis zone) walk subzone type
dest_taz	Destination ABM TAZ (traffic analysis zone)
dest_walk_segment	Destination ABM TAZ (traffic analysis zone) walk subzone type
parking_taz	Parking ABM TAZ (traffic analysis zone)
depart_period	Departure time period (1 -> 3:00am, 48 -> 2:30am)
trip_mode	Trip mode
tour_mode	Tour mode
tour_category	Tour category (AT_WORK, INDIVIDUAL_NON_MANDATORY, MANDATORY)

trip_mode – Trip mode
tour_mode – Tour mode

Value	Meaning
1	DRIVEALONEFREE (non-toll drive alone)
2	DRIVEALONEPAY (toll eligible drive alone)
3	SHARED2FREE (non-toll shared ride 2)
4	SHARED2PAY (toll eligible shared ride 2)
5	SHARED3FREE (non-toll shared ride 3+)
6	SHARED3PAY (toll eligible shared ride 3+)
7	WALK
8	BIKE
9	WALK_ALLTRN
10	WALK_PRMTRN
11	PNR_ALLTRN
12	PNR_PRMTRN
13	KNR_ALLTRN
14	KNR_PRMTRN
15	SCHLBUS

jointTourData.csv

Attribute	Description
hh_id	Household ID
tour_id	Tour ID (0, 1)
tour_category	Tour category (JOINT_NON_MANDATORY)
tour_purpose	Purpose of tour (eatout, othdisr, othmaint, shopping, social)
tour_composition	Tour composition (1, 2, 3)
tour_participants	Household participants on tour (ex. 1 2 4 = persons 1, 2, and 4 in the household)
orig_taz	Tour origin ABM TAZ (traffic analysis zone)
orig_walk_segment	Tour origin ABM TAZ walk subzone type
dest_taz	Tour destination ABM TAZ (traffic analysis zone)
dest_walk_segment	Tour destination ABM TAZ (traffic analysis zone) walk subzone type
start_period	Tour starting period (1 -> 3:00am, 48 -> 2:30am)
end_period	Tour ending period (1 -> 3:00am, 48 -> 2:30am)
tour_mode	Mode of tour
num_ob_stops	Number of outbound stops on tour
num_ib_stops	Number of inbound stops made on tour
outstop_#_mode (# = 1 to 15)	Outstop mode #
outstop_#_period (# = 1 to 15)	Outstop period #
outstop_#_taz (# = 1 to 15)	Outstop ABM TAZ (traffic analysis zone) #
outstop_#_purpose (# = 1 to 15)	Outstop activity # (eatout, escort, othdisr, othmaint, shopping, social)
instop_#_mode (# = 1 to 15)	Instop mode #
instop_#_period (# = 1 to 15)	Instop period #
instop_#_taz (# = 1 to 15)	Instop ABM TAZ (traffic analysis zone) #
instop_#_purpose (# = 1 to 15)	Instop activity # (eatout, escort, othdisr, othmaint, shopping, social)
UTIL_# (# = 1 to 15)	Utility for mode #
PROB_# (# = 1 to 15)	Probability for mode #

tour_mode – Tour mode

Value	Meaning
1	DRIVEALONEFREE (non-toll drive alone)
2	DRIVEALONEPAY (toll eligible drive alone)
3	SHARED2FREE (non-toll shared ride 2)
4	SHARED2PAY (toll eligible shared ride 2)
5	SHARED3FREE (non-toll shared ride 3+)
6	SHARED3PAY (toll eligible shared ride 3+)
7	WALK
8	BIKE
9	WALK_ALLTRN
10	WALK_PRMTRN
11	PNR_ALLTRN
12	PNR_PRMTRN
13	KNR_ALLTRN
14	KNR_PRMTRN
15	SCHLBUS

jointTripData.csv

Attribute	Description
hh_id	Household ID
tour_id	Tour ID
stop_id	Trip stop ID on the tour (-1 = no stop, else 0-3)
inbound	Inbound Trip (0 = inbound, 1 = outbound)
tour_purpose	Tour purpose (eatout, othdiscr, othmaint, shopping, social)
orig_purpose	Origin purpose (eatout, escort, Home, othdiscr, othmaint, shopping, social)
dest_purpose	Destination purpose (eatout, escort, Home, othdiscr, othmaint, shopping, social)
orig_taz	Origin ABM TAZ (traffic analysis zone)
orig_walk_segment	Origin ABM TAZ (traffic analysis zone) walk subzone type
dest_taz	Destination ABM TAZ (traffic analysis zone)
dest_walk_segment	Destination ABM TAZ (traffic analysis zone) walk subzone type
parking_taz	Parking model ABM TAZ (traffic analysis zone)
depart_period	Departure time period (1 -> 3:00am, 48 -> 2:30am)
trip_mode	Trip mode
num_part	Number of participants on tour
tour_mode	Tour mode
tour_category	Tour category (AT_WORK, INDIVIDUAL_NON_MANDATORY, MANDATORY)

trip_mode – Trip mode
 tour_mode – Tour mode

Value	Meaning
1	DRIVEALONEFREE (non-toll drive alone)
2	DRIVEALONEPAY (toll eligible drive alone)
3	SHARED2FREE (non-toll shared ride 2)
4	SHARED2PAY (toll eligible shared ride 2)
5	SHARED3FREE (non-toll shared ride 3+)
6	SHARED3PAY (toll eligible shared ride 3+)
7	WALK
8	BIKE
9	WALK_ALLTRN
10	WALK_PRMTRN
11	PNR_ALLTRN
12	PNR_PRMTRN
13	KNR_ALLTRN
14	KNR_PRMTRN
15	SCHLBUS

person_data.csv

Attribute	Description
hh_id	Household ID
person_id	Person ID
person_num	Person number in household
age	Age
gender	Gender (m = male, f = female)
type	Person type (Child too young for school, Full-time worker, Non-worker, Part-time worker, Retired, Student of driving age, Student of non-driving age, University student)
pecas_occ	PECAS occupation code
value_of_time	Value of time
fp_choice	Free parking choice (1 = free, 2 = pay)
activity_pattern	Activity pattern (M = mandatory, N = non-mandatory, H = at home)
imf_choice	Individual mandatory tour frequency choice
inmf_choice	Individual non-mandatory tour frequency

pecas_occ – PECAS occupation code

Value	Meaning
0	n/a
1	White collar
2	Services
3	Health
4	Retail
5	Blue collar

Attribute	Description
hh_id	Unique household ID
person_id	Unique person ID
person_num	Person number within household
tour_id	Non-unique tour ID given person_id and tour_category
stop_id	Trip stop ID on the tour (-1 = no stop, else 0-3)
inbound	Inbound trip (0 = inbound, 1 = outbound)
tour_category	Tour type (AT WORK, INDIVIDUAL_NON_MANDATORY, JOINT_NON_MANDATORY, MANDATORY)
tour_purpose	Tour Purpose (atwork_business, atwork_eat, atwork_maint, eatout, escort_kids, escort_no_kids, othdiscr, othmaint, school_drive, school_predrive, shopping, social, university, work_bluecollar, work_health, work_retailandfood, work_services, work_whitecollar)
orig_purpose	Activity at trip origin (atwork, eatout, escort, Home, othdiscr, othmaint, school, shopping, social, university, work)
dest_purpose	Activity at trip destination (atwork, eatout, escort, Home, othdiscr, othmaint, school, shopping, social, university, work)
orig_taz	Origin ABM TAZ (traffic analysis zone)
orig_walk_segment	Origin ABM TAZ (traffic analysis zone) walk subzone type
dest_taz	Destination ABM TAZ (traffic analysis zone)
dest_walk_segment	Destination ABM TAZ (traffic analysis zone) walk subzone type
parking_taz	Parking TAZ used (0 = does not apply)
depart_period	Trip departure time period (1 -> 3:00am, 48 -> 2:30am)
trip_mode	Trip mode code
tour_mode	Tour mode code
num_participants	Number of persons on the trip
tour_participants	Space concatenated person_num(s) on the tour
tour_start_period	Tour start time period (1 -> 3:00am, 48 -> 2:30am)
tour_id_uniq	Unique tour ID (tour_category + tour_id + tour_purpose) given person_id
trip_id	Trip ID within each full tour
orig_purpose_start_period	Origin activity start time period (if first trip, then equal to first half-hour of the simulation day)
home_taz	Home ABM TAZ (traffic analysis zone)
hh_income	Household income
hh_autos	Household autos
hh_fp_choice	Household free parking choice model result
hh_inc_bin	Household income bin
hh_size	Household size
hh_wkrs	Household workers types (Full-time worker and Part-time worker)
hh_auto_suff	Household Auto sufficiency (cars<wkrs, cars>=wkrs, nocars)
age	Person age
gender	Person gender
person_type	Person type (Child too young for school, Full-time worker, Non-worker, Part-time worker, Retired, Student of driving age, Student of non-driving age, University student)

Attribute	Description
activity_pattern	Activity pattern (M = mandatory, N = non-mandatory)
tour_mode_name	Tour mode name
trip_mode_name	Trip mode name
travel_time	Trip travel time
Distance	Trip distance
cost	Trip auto toll or transit fare
first_wait_time	Transit trip first wait time
xfer_wait_time	Transit trip transfer wait time
walk_aux_time	Transit trip walk access and egress time
auto_aux_time	Transit trip auto access and egress time
Boardings	Transit boardings
ivt_local_bus	Transit trip in-vehicle time on local bus
ivt_premium_modes	Transit trip in-vehicle time on premium modes

hh_inc_bin – Household income bin

Value	Meaning
1	<\$20,000
2	\$20,000-\$49,999
3	\$50,000-\$99,999
4	\$100,000+

trip_mode – Trip mode

tour_mode – Tour mode

Value	Meaning
1	DRIVEALONEFREE (non-toll drive alone)
2	DRIVEALONEPAY (toll eligible drive alone)
3	SHARED2FREE (non-toll shared ride 2)
4	SHARED2PAY (toll eligible shared ride 2)
5	SHARED3FREE (non-toll shared ride 3+)
6	SHARED3PAY (toll eligible shared ride 3+)
7	WALK
8	BIKE
9	WALK_ALLTRN
10	WALK_PRMTRN
11	PNR_ALLTRN
12	PNR_PRMTRN
13	KNR_ALLTRN
14	KNR_PRMTRN
15	SCHLBUS

tour_mode_name – Tour mode name

trip_mode_name – Trip mode name

Value	Meaning
DRIVEALONEFREE	non-toll drive alone
DRIVEALONEPAY	toll eligible drive alone
SHARED2FREE	non-toll shared ride 2
SHARED2PAY	toll eligible shared ride 2
SHARED3FREE	non-toll shared ride 3+
SHARED3PAY	toll eligible shared ride 3+
WALK	walk
BIKE	bicycle
WALK_ALLTRN	Walk – all transit
WALK_PRMTRN	Walk – premium transit
PNR_ALLTRN	PNR – all transit
PNR_PRMTRN	PNR – premium transit
KNR_ALLTRN	KNR – all transit
KNR_PRMTRN	KNR – premium transit
SCHLBUS	school bus

wsLocation.csv

Attribute	Description
HHID	Household ID
HomeTAZ	Home ABM TAZ (traffic analysis zone)
HomeSubZone	Home subzone
Income	Income
PersonID	Person ID
PersonNum	Person number in household
PersonType	Person type (Child too young for school, Full-time worker, Nonworker, Part-time worker, Retired, Student of driving age, Student of non-driving age, University student)
PersonAge	Age
EmploymentCategory	Employment category (Full-time worker, Not employed, Part-time worker, Under age 16)
StudentCategory	Student category (College or higher, Grade or high school, Not student)
WorkLocation	Work model TAZ (traffic analysis zone) location
WorkSubZone	Work subzone
SchoolLocation	School ABM TAZ (traffic analysis zone) location
SchoolSubZone	School subzone

zoneData.csv

Attribute	Description
ZONE	ABM TAZ (traffic analysis zone)
CONSTRUC	Construction employment (SIC)
MANUFAC	Manufacturing employment (SIC)
TCU	Transportation, communication, utilities employment (SIC)
WHOLESL	Wholesale employment (SIC)
RETAIL	Retail employment (SIC)
FIRE	Financial, insurance, real estate employment (SIC)
SERVICE	Service employment (SIC)
PRIVATE	Private employment (SIC)
GOVT	Government employment (SIC)
EMP	Employment
POP	Population
HSHLD	Households
UNIV	University enrollment
ACRES	Area
OTHEREMP	Other employment
DISTRICT	District
PARKTOT	Total parking spaces in model TAZ
PARKLNG	Total long-term parking spaces in model TAZ

Attribute	Description
PROPFREE	Proportion of free parking in model TAZ
PARKRATE	Parking cost (\$/hr) in model TAZ
AREATYPE	Type of area in terms of land use
COUNTY	County name
CBDFLAG	Central Business District indicator (1 = in CBD)
N11	Agriculture, forestry, fishing, and hunting employment (NAICS)
N21	Mining, quarrying, and oil and gas extraction employment (NAICS)
N22	Utilities employment (NAICS)
N23	Construction employment (NAICS)
N313233	Textile mills employment (NAICS)
N42	Wholesale trade employment (NAICS)
N4445	Retail trade employment (NAICS)
N4849	Transportation and warehousing employment (NAICS)
N51	Information employment (NAICS)
N52	Finance and insurance employment (NAICS)
N53	Real estate and rental and leasing employment (NAICS)
N54	Professional, scientific, and technical services employment (NAICS)
N55	Management of companies and enterprises employment (NAICS)
N56	Administrative and support and waste management and remediation services employment (NAICS)
N61	Educational services employment (NAICS)
N62	Health care and social assistance employment (NAICS)
N71	Arts, entertainment, and recreation employment (NAICS)
N72	Accommodation and food services employment (NAICS)
N81	Other services except public administration employment (NAICS)
N92	Public administration employment (NAICS)
ENROLLDS	Enrollment of driving age students (11th and 12th grades)
ENROLLPD	Enrollment of non-driving age students (1st through 10th grades)

AREATYPE – Type of area in terms of land use

Value	Meaning
1	CBD
2	Urban Commercial
3	Urban Residential
4	Suburban Commercial
5	Suburban Residential
6	Exurban
7	Rural

COUNTY – County name

Value	Meaning
1	Fulton
2	DeKalb
3	Cobb
4	Gwinnett
5	Rockdale
6	Henry
7	Clayton
8	Fayette
9	Douglas
10	Cherokee
11	Coweta
12	Forsyth
13	Paulding
14	Bartow
15	Carroll
16	Spalding
17	Newton
18	Walton
19	Barrow
20	Hall
21	Dawson

Population Synthesizer (ARCPopSyn)

households.csv

Attribute	Description
tempId	Unexpanded household ID
DISTRICT2	District (ARC county group) identifier
PUMA	Public Use Microdata Area (PUMA) code
taz	PECAS zone
maz	ABM TAZ (traffic analysis zone)
WGTP	Housing weight
finalPumsId	Household ID generated during population synthesis
finalweight	Household weight generated during population synthesis
serialno	Unique housing PUMS record identifier
np	Number of person records following this housing record
nwrkrs_esr	Number of workers in the household
hincp	Household income (past 12 months)
hhincAdj	Adjusted household income
adjinc	Adjustment factor for income and earnings dollar amounts in 2011 dollars
veh	Vehicles available (1 ton or less)
hht	Household/family type
bld	Units in structure
type	Type of unit (1 = housing unit)
n	Expansion ID of household
HHID	Unique household ID

DISTRICT2 – District (ARC county group) identifier

Value	Meaning
1	Barrow/Walton
2	Bartow/Paulding
3	Carroll/Douglas
4	Cherokee
5	Clayton
6	Cobb
7	Coweta/Fayette/Spalding
8	DeKalb
9	Forsyth
10	Fulton
11	Gwinnett
12	Hall
13	Henry
14	Newton/Rockdale

adjinc – Adjustment factor for income and earnings dollar amounts

Value	Meaning
1102938	2007 factor
1063801	2008 factor
1048026	2009 factor
1039407	2010 factor
1018237	2011 factor

hht – Household/family type

Value	Meaning
1	Married-couple family household
2	Family household with male householder, no wife present
3	Family household with female householder, no husband present
4	Non-family household with male householder – living alone
5	Non-family household with male householder – not living alone
6	Non-family household with female householder – living alone
7	Non-family household with female householder – not living alone

bld – Units in structure

Value	Meaning
1	Mobile home or trailer
2	One-family house detached
3	One-family house attached
4	2-unit apartment
5	3- or 4-unit apartment
6	5-to-9-unit apartment
7	10-to-19-unit apartment
8	20-to-49-unit apartment
9	50 or more-unit apartment
10	Vehicle (boat, RV, or van)

persons.csv

Attribute	Description
tempId	Unexpanded household ID
DISTRICT2	District (ARC county group) identifier
PUMA	Public Use Microdata Area (PUMA) code
taz	PECAS zone
maz	ABM TAZ (traffic analysis zone)
WGTP	Housing weight
finalPumsId	Person ID generated during population synthesis
finalweight	Person weight generated during population synthesis
sporder	Person number in household
agep	Age (above 99 is coded as 99)
employed	Employment status (0 = not employed, 1 = employed)
pecasOcc	PECAS Occupation code for this person
sex	Sex (1 = male, 2 = female)
esr	Employment status recode
wkw	Weeks worked during past 12 months
wkhp	Usual hours worked per week past 12 months
mil	Military service
schg	Grade level attending
schl	Educational attainment
indp02	Industry 2002 recode
indp07	Industry 2007 recode
occp02	Occupation 2002 recode
occp10	Occupation 2010 recode
n	Expansion ID of household
PERID	Unique person ID
HHID	Unique household ID

DISTRICT2 – District (ARC County group) identifier

Value	Meaning
1	Barrow/Walton
2	Bartow/Paulding
3	Carroll/Douglas
4	Cherokee
5	Clayton
6	Cobb
7	Coweta/Fayette/Spalding
8	DeKalb
9	Forsyth
10	Fulton
11	Gwinnett
12	Hall
13	Henry
14	Newton/Rockdale

pecasOcc – PECAS occupation code

Value	Meaning
0	n/a
1	White collar
2	Services
3	Health
4	Retail
5	Blue collar

ESR – Employment status recode

Value	Meaning
1	Civilian employed, at work
2	Civilian employed, with a job but not at work
3	Unemployed
4	Armed forces, at work
5	Armed forces, with a job but not at work
6	Not in labor force

WKW – Weeks worked in past 12 months

Value	Meaning
1	50 to 52 weeks
2	48 to 49 weeks
3	40 to 47 weeks
4	27 to 39 weeks
5	14 to 26 weeks
6	13 weeks or less

MIL – Military service

Value	Meaning
1	Yes, now on active duty
2	Yes, on active duty during the last 12 months, but not now
3	Yes, on active duty in the past, but not during the last 12 months
4	No, training for Reserves/National Guard only
5	No, never served in the military

SCHG – Grade level attending

Value	Meaning
1	Nursery school/preschool
2	Kindergarten
3	Grade 1 to 4
4	Grade 5 to 8
5	Grade 9 to 12
6	College undergraduate
7	Graduate or professional school

SCHL – Educational attainment

Value	Meaning
1	No schooling completed
2	Nursery school to grade 4
3	Grade 5 or 6
4	Grade 7 or 8
5	Grade 9
6	Grade 10
7	Grade 11
8	Grade 12, no diploma
9	High school graduate
10	Some college, but less than 1 year
11	One or more years of college, no degree
12	Associate's degree
13	Doctorate degree
14	Bachelor's degree
15	Master's degree
16	Professional school degree

INDP02 – Industry 2002 recode

Value	Meaning
170	.AGR-CROP PRODUCTION
180	.AGR-ANIMAL PRODUCTION
190	.AGR-FORESTRY EXCEPT LOGGING
270	.AGR-LOGGING
280	.AGR-FISHING, HUNTING, AND TRAPPING
290	.AGR-SUPPORT ACTIVITIES FOR AGRICULTURE AND FORESTRY
370	.EXT-OIL AND GAS EXTRACTION
380	.EXT-COAL MINING
390	.EXT-METAL ORE MINING
470	.EXT-NONMETALLIC MINERAL MINING AND QUARRYING
480	.EXT-NOT SPECIFIED TYPE OF MINING
490	.EXT-SUPPORT ACTIVITIES FOR MINING
570	.UTL-ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION
580	.UTL-NATURAL GAS DISTRIBUTION
590	.UTL-ELECTRIC AND GAS, AND OTHER COMBINATIONS
670	.UTL-WATER, STEAM, AIR CONDITIONING, AND IRRIGATION SYSTEMS
680	.UTL-SEWAGE TREATMENT FACILITIES
690	.UTL-NOT SPECIFIED UTILITIES
770	.CON-CONSTRUCTION, INCL CLEANING DURING AND IMM AFTER
1070	.MFG-ANIMAL FOOD, GRAIN AND OILSEED MILLING
1080	.MFG-SUGAR AND CONFECTIONERY PRODUCTS
1090	.MFG-FRUIT AND VEGETABLE PRESERVING AND SPECIALTY FOODS
1170	.MFG-DAIRY PRODUCTS
1180	.MFG-ANIMAL SLAUGHTERING AND PROCESSING
1190	.MFG-RETAIL BAKERIES
1270	.MFG-BAKERIES, EXCEPT RETAIL
1280	.MFG-SEAFOOD AND OTHER MISCELLANEOUS FOODS, N.E.C.
1290	.MFG-NOT SPECIFIED FOOD INDUSTRIES
1370	.MFG-BEVERAGE
1390	.MFG-TOBACCO
1470	.MFG-FIBER, YARN, AND THREAD MILLS
1480	.MFG-FABRIC MILLS, EXCEPT KNITTING
1490	.MFG-TEXTILE AND FABRIC FINISHING AND COATING MILLS
1570	.MFG-CARPET AND RUG MILLS
1590	.MFG-TEXTILE PRODUCT MILLS, EXCEPT CARPET AND RUG
1670	.MFG-KNITTING MILLS
1680	.MFG-CUT AND SEW APPAREL
1690	.MFG-APPAREL ACCESSORIES AND OTHER APPAREL

Value	Meaning
1770	.MFG-FOOTWEAR
1790	.MFG-LEATHER TANNING AND PRODUCTS, EXCEPT FOOTWEAR
1870	.MFG-PULP, PAPER, AND PAPERBOARD MILLS
1880	.MFG-PAPERBOARD CONTAINERS AND BOXES
1890	.MFG-MISCELLANEOUS PAPER AND PULP PRODUCTS
1990	.MFG-PRINTING AND RELATED SUPPORT ACTIVITIES
2070	.MFG-PETROLEUM REFINING
2090	.MFG-MISCELLANEOUS PETROLEUM AND COAL PRODUCTS
2170	.MFG-RESIN, SYNTHETIC RUBBER AND FIBERS, AND FILAMENTS
2180	.MFG-AGRICULTURAL CHEMICALS
2190	.MFG-PHARMACEUTICALS AND MEDICINES
2270	.MFG-PAINT, COATING, AND ADHESIVES
2280	.MFG-SOAP, CLEANING COMPOUND, AND COSMETICS
2290	.MFG-INDUSTRIAL AND MISCELLANEOUS CHEMICALS
2370	.MFG-PLASTICS PRODUCTS
2380	.MFG-TIRES
2390	.MFG-RUBBER PRODUCTS, EXCEPT TIRES
2470	.MFG-POTTERY, CERAMICS, AND RELATED PRODUCTS
2480	.MFG-STRUCTURAL CLAY PRODUCTS
2490	.MFG-GLASS AND GLASS PRODUCTS
2570	.MFG-CEMENT, CONCRETE, LIME, AND GYPSUM PRODUCTS
2590	.MFG-MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS
2670	.MFG-IRON AND STEEL MILLS AND STEEL PRODUCTS
2680	.MFG-ALUMINUM PRODUCTION AND PROCESSING
2690	.MFG-NONFERROUS METAL, EXCEPT ALUMINUM, PRODUCTION AND PROCESSING
2770	.MFG-FOUNDRIES
2780	.MFG-METAL FORGINGS AND STAMPINGS
2790	.MFG-CUTLERY AND HAND TOOLS
2870	.MFG-STRUCTURAL METALS, AND TANK AND SHIPPING CONTAINERS
2880	.MFG-MACHINE SHOPS; TURNED PRODUCTS; SCREWS, NUTS AND BOLTS
2890	.MFG-COATING, ENGRAVING, HEAT TREATING AND ALLIED ACTIVITIES
2970	.MFG-ORDNANCE
2980	.MFG-MISCELLANEOUS FABRICATED METAL PRODUCTS
2990	.MFG-NOT SPECIFIED METAL INDUSTRIES
3070	.MFG-AGRICULTURAL IMPLEMENTS
3080	.MFG-CONSTRUCTION, MINING AND OIL FIELD MACHINERY
3090	.MFG-COMMERCIAL AND SERVICE INDUSTRY MACHINERY
3170	.MFG-METALWORKING MACHINERY
3180	.MFG-ENGINES, TURBINES, AND POWER TRANSMISSION EQUIPMENT

Value	Meaning
3190	.MFG-MACHINERY, N.E.C.
3290	.MFG-NOT SPECIFIED MACHINERY
3360	.MFG-COMPUTER AND PERIPHERAL EQUIPMENT
3370	.MFG-COMMUNICATIONS, AUDIO, AND VIDEO EQUIPMENT
3380	.MFG-NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL INSTRUMENTS
3390	.MFG-ELECTRONIC COMPONENTS AND PRODUCTS, N.E.C.
3470	.MFG-HOUSEHOLD APPLIANCES
3490	.MFG-ELECTRICAL LIGHTING, EQUIPMENT, AND SUPPLIES, N.E.C.
3570	.MFG-MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT
3580	.MFG-AIRCRAFT AND PARTS
3590	.MFG-AEROSPACE PRODUCTS AND PARTS
3670	.MFG-RAILROAD ROLLING STOCK
3680	.MFG-SHIP AND BOAT BUILDING
3690	.MFG-OTHER TRANSPORTATION EQUIPMENT
3770	.MFG-SAWMILLS AND WOOD PRESERVATION
3780	.MFG-VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCTS
3790	.MFG-PREFABRICATED WOOD BUILDINGS AND MOBILE HOMES
3870	.MFG-MISCELLANEOUS WOOD PRODUCTS
3890	.MFG-FURNITURE AND RELATED PRODUCTS
3960	.MFG-MEDICAL EQUIPMENT AND SUPPLIES
3970	.MFG-TOYS, AMUSEMENT, AND SPORTING GOODS
3980	.MFG-MISCELLANEOUS MANUFACTURING, N.E.C.
3990	.MFG-NOT SPECIFIED MANUFACTURING INDUSTRIES
4070	.WHL-MOTOR VEHICLES, PARTS AND SUPPLIES MERCHANT WHOLESALERS
4080	.WHL-FURNITURE AND HOME FURNISHING MERCHANT WHOLESALERS
4090	.WHL-LUMBER AND OTHER CONSTRUCTION MATERIALS MERCHANT WHOLESALERS
4170	.WHL-PROFESSIONAL AND COMMERCIAL EQUIPMENT AND SUPPLIES MERCHANT WHOLESALERS
4180	.WHL-METALS AND MINERALS, EXCEPT PETROLEUM, MERCHANT WHOLESALERS
4190	.WHL-ELECTRICAL GOODS MERCHANT WHOLESALERS
4260	.WHL-HARDWARE, PLUMBING AND HEATING EQUIPMENT, AND SUPPLIES MERCHANT WHOLESALERS
4270	.WHL-MACHINERY, EQUIPMENT, AND SUPPLIES MERCHANT WHOLESALERS
4280	.WHL-RECYCLABLE MATERIAL MERCHANT WHOLESALERS
4290	.WHL-MISCELLANEOUS DURABLE GOODS MERCHANT WHOLESALERS
4370	.WHL-PAPER AND PAPER PRODUCTS MERCHANT WHOLESALERS
4380	.WHL-DRUGS, SUNDRIES, AND CHEMICAL AND ALLIED PRODUCTS MERCHANT WHOLESALERS
4390	.WHL-APPAREL, FABRICS, AND NOTIONS MERCHANT WHOLESALERS
4470	.WHL-GROCERIES AND RELATED PRODUCTS MERCHANT WHOLESALERS
4480	.WHL-FARM PRODUCT RAW MATERIALS MERCHANT WHOLESALERS
4490	.WHL-PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS

Value	Meaning
4560	.WHL-ALCOHOLIC BEVERAGES MERCHANT WHOLESALERS
4570	.WHL-FARM SUPPLIES MERCHANT WHOLESALERS
4580	.WHL-MISCELLANEOUS NONDURABLE GOODS MERCHANT WHOLESALERS
4585	.WHL-ELECTRONIC MARKETS AGENTS AND BROKERS
4590	.WHL-NOT SPECIFIED WHOLESALE TRADE
4670	.RET-AUTOMOBILE DEALERS
4680	.RET-OTHER MOTOR VEHICLE DEALERS
4690	.RET-AUTO PARTS, ACCESSORIES, AND TIRE STORES
4770	.RET-FURNITURE AND HOME FURNISHINGS STORES
4780	.RET-HOUSEHOLD APPLIANCE STORES
4790	.RET-RADIO, TV, AND COMPUTER STORES
4870	.RET-BUILDING MATERIAL AND SUPPLIES DEALERS
4880	.RET-HARDWARE STORES
4890	.RET-LAWN AND GARDEN EQUIPMENT AND SUPPLIES STORES
4970	.RET-GROCERY STORES
4980	.RET-SPECIALTY FOOD STORES
4990	.RET-BEER, WINE, AND LIQUOR STORES
5070	.RET-PHARMACIES AND DRUG STORES
5080	.RET-HEALTH AND PERSONAL CARE, EXCEPT DRUG, STORES
5090	.RET-GASOLINE STATIONS
5170	.RET-CLOTHING AND ACCESSORIES, EXCEPT SHOE, STORES
5180	.RET-SHOE STORES
5190	.RET-JEWELRY, LUGGAGE, AND LEATHER GOODS STORES
5270	.RET-SPORTING GOODS, CAMERA, AND HOBBY AND TOY STORES
5280	.RET-SEWING, NEEDLEWORK AND PIECE GOODS STORES
5290	.RET-MUSIC STORES
5370	.RET-BOOK STORES AND NEWS DEALERS
5380	.RET-DEPARTMENT AND DISCOUNT STORES
5390	.RET-MISCELLANEOUS GENERAL MERCHANDISE STORES
5470	.RET-FLORISTS
5480	.RET-OFFICE SUPPLIES AND STATIONERY STORES
5490	.RET-USED MERCHANDISE STORES
5570	.RET-GIFT, NOVELTY, AND SOUVENIR SHOPS
5580	.RET-MISCELLANEOUS RETAIL STORES
5590	.RET-ELECTRONIC SHOPPING
5591	.RET-ELECTRONIC AUCTIONS
5592	.RET-MAIL-ORDER HOUSES
5670	.RET-VENDING MACHINE OPERATORS
5680	.RET-FUEL DEALERS

Value	Meaning
5690	.RET-OTHER DIRECT SELLING ESTABLISHMENTS
5790	.RET-NOT SPECIFIED RETAIL TRADE
6070	.TRN-AIR TRANSPORTATION
6080	.TRN-RAIL TRANSPORTATION
6090	.TRN-WATER TRANSPORTATION
6170	.TRN-TRUCK TRANSPORTATION
6180	.TRN-BUS SERVICE AND URBAN TRANSIT
6190	.TRN-TAXI AND LIMOUSINE SERVICE
6270	.TRN-PIPELINE TRANSPORTATION
6280	.TRN-SCENIC AND SIGHTSEEING TRANSPORTATION
6290	.TRN-SERVICES INCIDENTAL TO TRANSPORTATION
6370	.TRN-POSTAL SERVICE
6380	.TRN-COURIERS AND MESSENGERS
6390	.TRN-WAREHOUSING AND STORAGE
6470	.INF-NEWSPAPER PUBLISHERS
6480	.INF-PUBLISHING, EXCEPT NEWSPAPERS AND SOFTWARE
6490	.INF-SOFTWARE PUBLISHING
6570	.INF-MOTION PICTURES AND VIDEO INDUSTRIES
6590	.INF-SOUND RECORDING INDUSTRIES
6670	.INF-RADIO AND TELEVISION BROADCASTING AND CABLE SUBSCRIPTION PROGRAMMING
6675	.INF-INTERNET PUBLISHING AND BROADCASTING
6680	.INF-WIRED TELECOMMUNICATIONS CARRIERS
6690	.INF-TELECOMMUNICATIONS, EXCEPT WIRED TELECOMMUNICATIONS CARRIERS
6692	.INF-INTERNET SERVICE PROVIDERS
6695	.INF-DATA PROCESSING, HOSTING, AND RELATED SERVICES
6770	.INF-LIBRARIES AND ARCHIVES
6780	.INF-OTHER INFORMATION SERVICES
6870	.FIN-BANKING AND RELATED ACTIVITIES
6880	.FIN-SAVINGS INSTITUTIONS, INCLUDING CREDIT UNIONS
6890	.FIN-NON-DEPOSITORY CREDIT AND RELATED ACTIVITIES
6970	.FIN-SECURITIES, COMMODITIES, FUNDS, TRUSTS, AND OTHER FINANCIAL INVESTMENTS
6990	.FIN-INSURANCE CARRIERS AND RELATED ACTIVITIES
7070	.FIN-REAL ESTATE
7080	.FIN-AUTOMOTIVE EQUIPMENT RENTAL AND LEASING
7170	.FIN-VIDEO TAPE AND DISK RENTAL
7180	.FIN-OTHER CONSUMER GOODS RENTAL
7190	.FIN-COMMERCIAL, INDUSTRIAL, AND OTHER INTANGIBLE ASSETS RENTAL AND LEASING
7270	.PRF-LEGAL SERVICES
7280	.PRF-ACCOUNTING, TAX PREPARATION, BOOKKEEPING AND PAYROLL SERVICES

Value	Meaning
7290	.PRF-ARCHITECTURAL, ENGINEERING, AND RELATED SERVICES
7370	.PRF-SPECIALIZED DESIGN SERVICES
7380	.PRF-COMPUTER SYSTEMS DESIGN AND RELATED SERVICES
7390	.PRF-MANAGEMENT, SCIENTIFIC, AND TECHNICAL CONSULTING SERVICES
7460	.PRF-SCIENTIFIC RESEARCH AND DEVELOPMENT SERVICES
7470	.PRF-ADVERTISING AND RELATED SERVICES
7480	.PRF-VETERINARY SERVICES
7490	.PRF-OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES
7570	.PRF-MANAGEMENT OF COMPANIES AND ENTERPRISES
7580	.PRF-EMPLOYMENT SERVICES
7590	.PRF-BUSINESS SUPPORT SERVICES
7670	.PRF-TRAVEL ARRANGEMENTS AND RESERVATION SERVICES
7680	.PRF-INVESTIGATION AND SECURITY SERVICES
7690	.PRF-SERVICES TO BUILDINGS AND DWELLINGS, EX CONSTR CLN
7770	.PRF-LANDSCAPING SERVICES
7780	.PRF-OTHER ADMINISTRATIVE, AND OTHER SUPPORT SERVICES
7790	.PRF-WASTE MANAGEMENT AND REMEDIATION SERVICES
7860	.EDU-ELEMENTARY AND SECONDARY SCHOOLS
7870	.EDU-COLLEGES AND UNIVERSITIES, INCLUDING JUNIOR COLLEGES
7880	.EDU-BUSINESS, TECHNICAL, AND TRADE SCHOOLS AND TRAINING
7890	.EDU-OTHER SCHOOLS, INSTRUCTION, AND EDUCATIONAL SERVICES
7970	.MED-OFFICES OF PHYSICIANS
7980	.MED-OFFICES OF DENTISTS
7990	.MED-OFFICE OF CHIROPRACTORS
8070	.MED-OFFICES OF OPTOMETRISTS
8080	.MED-OFFICES OF OTHER HEALTH PRACTITIONERS
8090	.MED-OUTPATIENT CARE CENTERS
8170	.MED-HOME HEALTH CARE SERVICES
8180	.MED-OTHER HEALTH CARE SERVICES
8190	.MED-HOSPITALS
8270	.MED-NURSING CARE FACILITIES
8290	.MED-RESIDENTIAL CARE FACILITIES, WITHOUT NURSING
8370	.SCA-INDIVIDUAL AND FAMILY SERVICES
8380	.SCA-COMMUNITY FOOD AND HOUSING, AND EMERGENCY SERVICES
8390	.SCA-VOCATIONAL REHABILITATION SERVICES
8470	.SCA-CHILD DAY CARE SERVICES
8560	.ENT-INDEPENDENT ARTISTS, PERFORMING ARTS, SPECTATOR SPORTS AND RELATED INDUSTRIES
8570	.ENT-MUSEUMS, ART GALLERIES, HISTORICAL SITES, AND SIMILAR INSTITUTIONS
8580	.ENT-BOWLING CENTERS

Value	Meaning
8590	.ENT-OTHER AMUSEMENT, GAMBLING, AND RECREATION INDUSTRIES
8660	.ENT-TRAVELER ACCOMMODATION
8670	.ENT-RECREATIONAL VEHICLE PARKS AND CAMPS, AND ROOMING AND BOARDING HOUSES
8680	.ENT-RESTAURANTS AND OTHER FOOD SERVICES
8690	.ENT-DRINKING PLACES, ALCOHOLIC BEVERAGES
8770	.SRV-AUTOMOTIVE REPAIR AND MAINTENANCE
8780	.SRV-CAR WASHES
8790	.SRV-ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE
8870	.SRV-COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT REPAIR AND MAINTENANCE
8880	.SRV-PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE
8970	.SRV-BARBER SHOPS
8980	.SRV-BEAUTY SALONS
8990	.SRV-NAIL SALONS AND OTHER PERSONAL CARE SERVICES
9070	.SRV-DRYCLEANING AND LAUNDRY SERVICES
9080	.SRV-FUNERAL HOMES, CEMETERIES AND CREMATORIES
9090	.SRV-OTHER PERSONAL SERVICES
9160	.SRV-RELIGIOUS ORGANIZATIONS
9170	.SRV-CIVIC, SOCIAL, ADVOCACY ORGANIZATIONS, AND GRANTMAKING AND GIVING SERVICES
9180	.SRV-LABOR UNIONS
9190	.SRV-BUSINESS, PROFESSIONAL, POLITICAL, AND SIMILAR ORGANIZATIONS
9290	.SRV-PRIVATE HOUSEHOLDS
9370	.ADM-EXECUTIVE OFFICES AND LEGISLATIVE BODIES
9380	.ADM-PUBLIC FINANCE ACTIVITIES
9390	.ADM-OTHER GENERAL GOVERNMENT AND SUPPORT
9470	.ADM-JUSTICE, PUBLIC ORDER, AND SAFETY ACTIVITIES
9480	.ADM-ADMINISTRATION OF HUMAN RESOURCE PROGRAMS
9490	.ADM-ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS
9570	.ADM-ADMINISTRATION OF ECONOMIC PROGRAMS AND SPACE RESEARCH
9590	.ADM-NATIONAL SECURITY AND INTERNATIONAL AFFAIRS
9670	.MIL-U.S. ARMY
9680	.MIL-U.S. AIR FORCE
9690	.MIL-U.S. NAVY
9770	.MIL-U.S. MARINES
9780	.MIL-U.S. COAST GUARD
9790	.MIL-U.S. ARMED FORCES, BRANCH NOT SPECIFIED
9870	.MIL-MILITARY RESERVES OR NATIONAL GUARD
9920	.UNEMPLOYED, WITH NO WORK EXPERIENCE IN THE LAST 5 YEARS
N.A.	.Code classification is Not Applicable

INDP07 – Industry 2007 recode

Value	Meaning
170	.AGR-CROP PRODUCTION
180	.AGR-ANIMAL PRODUCTION
190	.AGR-FORESTRY EXCEPT LOGGING
270	.AGR-LOGGING
280	.AGR-FISHING, HUNTING, AND TRAPPING
290	.AGR-SUPPORT ACTIVITIES FOR AGRICULTURE AND FORESTRY
370	.EXT-OIL AND GAS EXTRACTION
380	.EXT-COAL MINING
390	.EXT-METAL ORE MINING
470	.EXT-NONMETALLIC MINERAL MINING AND QUARRYING
480	.EXT-NOT SPECIFIED TYPE OF MINING
490	.EXT-SUPPORT ACTIVITIES FOR MINING
570	.UTL-ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION
580	.UTL-NATURAL GAS DISTRIBUTION
590	.UTL-ELECTRIC AND GAS, AND OTHER COMBINATIONS
670	.UTL-WATER, STEAM, AIR CONDITIONING, AND IRRIGATION SYSTEMS
680	.UTL-SEWAGE TREATMENT FACILITIES
690	.UTL-NOT SPECIFIED UTILITIES
770	.CON-CONSTRUCTION, INCL CLEANING DURING AND IMM AFTER
1070	.MFG-ANIMAL FOOD, GRAIN AND OILSEED MILLING
1080	.MFG-SUGAR AND CONFECTIONERY PRODUCTS
1090	.MFG-FRUIT AND VEGETABLE PRESERVING AND SPECIALTY FOODS
1170	.MFG-DAIRY PRODUCTS
1180	.MFG-ANIMAL SLAUGHTERING AND PROCESSING
1190	.MFG-RETAIL BAKERIES
1270	.MFG-BAKERIES, EXCEPT RETAIL
1280	.MFG-SEAFOOD AND OTHER MISCELLANEOUS FOODS, N.E.C.
1290	.MFG-NOT SPECIFIED FOOD INDUSTRIES
1370	.MFG-BEVERAGE
1390	.MFG-TOBACCO
1470	.MFG-FIBER, YARN, AND THREAD MILLS
1480	.MFG-FABRIC MILLS, EXCEPT KNITTING MILLS
1490	.MFG-TEXTILE AND FABRIC FINISHING AND FABRIC COATING MILLS
1570	.MFG-CARPET AND RUG MILLS
1590	.MFG-TEXTILE PRODUCT MILLS, EXCEPT CARPET AND RUG
1670	.MFG-KNITTING FABRIC MILLS, AND APPAREL KNITTING MILLS
1680	.MFG-CUT AND SEW APPAREL
1690	.MFG-APPAREL ACCESSORIES AND OTHER APPAREL

Value	Meaning
1770	.MFG-FOOTWEAR
1790	.MFG-LEATHER TANNING AND FINISHING AND OTHER ALLIED PRODUCTS MANUFACTURING
1870	.MFG-PULP, PAPER, AND PAPERBOARD MILLS
1880	.MFG-PAPERBOARD CONTAINERS AND BOXES
1890	.MFG-MISCELLANEOUS PAPER AND PULP PRODUCTS
1990	.MFG-PRINTING AND RELATED SUPPORT ACTIVITIES
2070	.MFG-PETROLEUM REFINING
2090	.MFG-MISCELLANEOUS PETROLEUM AND COAL PRODUCTS
2170	.MFG-RESIN, SYNTHETIC RUBBER AND FIBERS, AND FILAMENTS
2180	.MFG-AGRICULTURAL CHEMICALS
2190	.MFG-PHARMACEUTICALS AND MEDICINES
2270	.MFG-PAINT, COATING, AND ADHESIVES
2280	.MFG-SOAP, CLEANING COMPOUND, AND COSMETICS
2290	.MFG-INDUSTRIAL AND MISCELLANEOUS CHEMICALS
2370	.MFG-PLASTICS PRODUCTS
2380	.MFG-TIRES
2390	.MFG-RUBBER PRODUCTS, EXCEPT TIRES
2470	.MFG-POTTERY, CERAMICS, AND PLUMBING FIXTURE MANUFACTURING
2480	.MFG-STRUCTURAL CLAY PRODUCTS
2490	.MFG-GLASS AND GLASS PRODUCTS
2570	.MFG-CEMENT, CONCRETE, LIME, AND GYPSUM PRODUCTS
2590	.MFG-MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS
2670	.MFG-IRON AND STEEL MILLS AND STEEL PRODUCTS
2680	.MFG-ALUMINUM PRODUCTION AND PROCESSING
2690	.MFG-NONFERROUS METAL, EXCEPT ALUMINUM, PRODUCTION AND PROCESSING
2770	.MFG-FOUNDRIES
2780	.MFG-METAL FORGINGS AND STAMPINGS
2790	.MFG-CUTLERY AND HAND TOOLS
2870	.MFG-STRUCTURAL METALS, AND BOILER, TANK, AND SHIPPING CONTAINERS
2880	.MFG-MACHINE SHOPS; TURNED PRODUCTS; SCREWS, NUTS AND BOLTS
2890	.MFG-COATING, ENGRAVING, HEAT TREATING AND ALLIED ACTIVITIES
2970	.MFG-ORDNANCE
2980	.MFG-MISCELLANEOUS FABRICATED METAL PRODUCTS
2990	.MFG-NOT SPECIFIED METAL INDUSTRIES
3070	.MFG-AGRICULTURAL IMPLEMENTS
3080	.MFG-CONSTRUCTION, AND MINING AND OIL AND GAS FIELD MACHINERY
3090	.MFG-COMMERCIAL AND SERVICE INDUSTRY MACHINERY
3170	.MFG-METALWORKING MACHINERY
3180	.MFG-ENGINES, TURBINES, AND POWER TRANSMISSION EQUIPMENT

Value	Meaning
3190	.MFG-MACHINERY, N.E.C.
3290	.MFG-NOT SPECIFIED MACHINERY
3360	.MFG-COMPUTER AND PERIPHERAL EQUIPMENT
3370	.MFG-COMMUNICATIONS, AND AUDIO AND VIDEO EQUIPMENT
3380	.MFG-NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL INSTRUMENTS
3390	.MFG-ELECTRONIC COMPONENTS AND PRODUCTS, N.E.C.
3470	.MFG-HOUSEHOLD APPLIANCES
3490	.MFG-ELECTRIC LIGHTING AND ELECTRICAL EQUIPMENT MANUFACTURING, AND OTHER ELECTRICAL COMPONENT MANUFACTURING, N.E.C.
3570	.MFG-MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT
3580	.MFG-AIRCRAFT AND PARTS
3590	.MFG-AEROSPACE PRODUCTS AND PARTS
3670	.MFG-RAILROAD ROLLING STOCK
3680	.MFG-SHIP AND BOAT BUILDING
3690	.MFG-OTHER TRANSPORTATION EQUIPMENT
3770	.MFG-SAWMILLS AND WOOD PRESERVATION
3780	.MFG-VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCTS
3790	.MFG-PREFABRICATED WOOD BUILDINGS AND MOBILE HOMES
3870	.MFG-MISCELLANEOUS WOOD PRODUCTS
3890	.MFG-FURNITURE AND RELATED PRODUCTS
3960	.MFG-MEDICAL EQUIPMENT AND SUPPLIES
3970	.MFG-SPORTING AND ATHLETIC GOODS, AND DOLL, TOY, AND GAME MANUFACTURING
3980	.MFG-MISCELLANEOUS MANUFACTURING, N.E.C.
3990	.MFG-NOT SPECIFIED MANUFACTURING INDUSTRIES
4070	.WHL-MOTOR VEHICLES, PARTS AND SUPPLIES MERCHANT WHOLESALERS
4080	.WHL-FURNITURE AND HOME FURNISHING MERCHANT WHOLESALERS
4090	.WHL-LUMBER AND OTHER CONSTRUCTION MATERIALS MERCHANT WHOLESALERS
4170	.WHL-PROFESSIONAL AND COMMERCIAL EQUIPMENT AND SUPPLIES MERCHANT WHOLESALERS
4180	.WHL-METALS AND MINERALS, EXCEPT PETROLEUM, MERCHANT WHOLESALERS
4190	.WHL-ELECTRICAL AND ELECTRONIC GOODS MERCHANT WHOLESALERS
4260	.WHL-HARDWARE, PLUMBING AND HEATING EQUIPMENT, AND SUPPLIES MERCHANT WHOLESALERS
4270	.WHL-MACHINERY, EQUIPMENT, AND SUPPLIES MERCHANT WHOLESALERS
4280	.WHL-RECYCLABLE MATERIAL MERCHANT WHOLESALERS
4290	.WHL-MISCELLANEOUS DURABLE GOODS MERCHANT WHOLESALERS
4370	.WHL-PAPER AND PAPER PRODUCTS MERCHANT WHOLESALERS
4380	.WHL-DRUGS, SUNDRIES, AND CHEMICAL AND ALLIED PRODUCTS MERCHANT WHOLESALERS
4390	.WHL-APPAREL, FABRICS, AND NOTIONS MERCHANT WHOLESALERS
4470	.WHL-GROCERIES AND RELATED PRODUCTS MERCHANT WHOLESALERS
4480	.WHL-FARM PRODUCT RAW MATERIALS MERCHANT WHOLESALERS
4490	.WHL-PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS

Value	Meaning
4560	.WHL-ALCOHOLIC BEVERAGES MERCHANT WHOLESALERS
4570	.WHL-FARM SUPPLIES MERCHANT WHOLESALERS
4580	.WHL-MISCELLANEOUS NONDURABLE GOODS MERCHANT WHOLESALERS
4585	.WHL-ELECTRONIC MARKETS AND AGENTS AND BROKERS
4590	.WHL-NOT SPECIFIED WHOLESALE TRADE
4670	.RET-AUTOMOBILE DEALERS
4680	.RET-OTHER MOTOR VEHICLE DEALERS
4690	.RET-AUTO PARTS, ACCESSORIES, AND TIRE STORES
4770	.RET-FURNITURE AND HOME FURNISHINGS STORES
4780	.RET-HOUSEHOLD APPLIANCE STORES
4790	.RET-RADIO, TV, AND COMPUTER STORES
4870	.RET-BUILDING MATERIAL AND SUPPLIES DEALERS
4880	.RET-HARDWARE STORES
4890	.RET-LAWN AND GARDEN EQUIPMENT AND SUPPLIES STORES
4970	.RET-GROCERY STORES
4980	.RET-SPECIALTY FOOD STORES
4990	.RET-BEER, WINE, AND LIQUOR STORES
5070	.RET-PHARMACIES AND DRUG STORES
5080	.RET-HEALTH AND PERSONAL CARE, EXCEPT DRUG, STORES
5090	.RET-GASOLINE STATIONS
5170	.RET-CLOTHING STORES
5180	.RET-SHOE STORES
5190	.RET-JEWELRY, LUGGAGE, AND LEATHER GOODS STORES
5270	.RET-SPORTING GOODS, CAMERA, AND HOBBY AND TOY STORES
5280	.RET-SEWING, NEEDLEWORK AND PIECE GOODS STORES
5290	.RET-MUSIC STORES
5370	.RET-BOOK STORES AND NEWS DEALERS
5380	.RET-DEPARTMENT AND DISCOUNT STORES
5390	.RET-MISCELLANEOUS GENERAL MERCHANDISE STORES
5470	.RET-FLORISTS
5480	.RET-OFFICE SUPPLIES AND STATIONERY STORES
5490	.RET-USED MERCHANDISE STORES
5570	.RET-GIFT, NOVELTY, AND SOUVENIR SHOPS
5580	.RET-MISCELLANEOUS RETAIL STORES
5590	.RET-ELECTRONIC SHOPPING
5591	.RET-ELECTRONIC AUCTIONS
5592	.RET-MAIL-ORDER HOUSES
5670	.RET-VENDING MACHINE OPERATORS
5680	.RET-FUEL DEALERS

Value	Meaning
5690	.RET-OTHER DIRECT SELLING ESTABLISHMENTS
5790	.RET-NOT SPECIFIED RETAIL TRADE
6070	.TRN-AIR TRANSPORTATION
6080	.TRN-RAIL TRANSPORTATION
6090	.TRN-WATER TRANSPORTATION
6170	.TRN-TRUCK TRANSPORTATION
6180	.TRN-BUS SERVICE AND URBAN TRANSIT
6190	.TRN-TAXI AND LIMOUSINE SERVICE
6270	.TRN-PIPELINE TRANSPORTATION
6280	.TRN-SCENIC AND SIGHTSEEING TRANSPORTATION
6290	.TRN-SERVICES INCIDENTAL TO TRANSPORTATION
6370	.TRN-POSTAL SERVICE
6380	.TRN-COURIERS AND MESSENGERS
6390	.TRN-WAREHOUSING AND STORAGE
6470	.INF-NEWSPAPER PUBLISHERS
6480	.INF-PERIODICAL, BOOK, AND DIRECTORY PUBLISHERS
6490	.INF-SOFTWARE PUBLISHERS
6570	.INF-MOTION PICTURE AND VIDEO INDUSTRIES
6590	.INF-SOUND RECORDING INDUSTRIES
6670	.INF-BROADCASTING, EXCEPT INTERNET
6672	.INF-INTERNET PUBLISHING AND BROADCASTING AND WEB SEARCH PORTALS
6680	.INF-WIRED TELECOMMUNICATIONS CARRIERS
6690	.INF-OTHER TELECOMMUNICATION SERVICES
6695	.INF-DATA PROCESSING, HOSTING, AND RELATED SERVICES
6770	.INF-LIBRARIES AND ARCHIVES
6780	.INF-OTHER INFORMATION SERVICES, EXC. LIBRARIES AND ARCHIVES, AND INTERNET PUBLISHING AND BROADCASTING AND WEB SEARCH PORTALS
6870	.FIN-BANKING AND RELATED ACTIVITIES
6880	.FIN-SAVINGS INSTITUTIONS, INCLUDING CREDIT UNIONS
6890	.FIN-NON-DEPOSITORY CREDIT AND RELATED ACTIVITIES
6970	.FIN-SECURITIES, COMMODITIES, FUNDS, TRUSTS, AND OTHER FINANCIAL INVESTMENTS
6990	.FIN-INSURANCE CARRIERS AND RELATED ACTIVITIES
7070	.FIN-REAL ESTATE
7080	.FIN-AUTOMOTIVE EQUIPMENT RENTAL AND LEASING
7170	.FIN-VIDEO TAPE AND DISK RENTAL
7180	.FIN-OTHER CONSUMER GOODS RENTAL
7190	.FIN-COMMERCIAL, INDUSTRIAL, AND OTHER INTANGIBLE ASSETS RENTAL AND LEASING
7270	.PRF-LEGAL SERVICES
7280	.PRF-ACCOUNTING, TAX PREPARATION, BOOKKEEPING AND PAYROLL SERVICES
7290	.PRF-ARCHITECTURAL, ENGINEERING, AND RELATED SERVICES

Value	Meaning
7370	.PRF-SPECIALIZED DESIGN SERVICES
7380	.PRF-COMPUTER SYSTEMS DESIGN AND RELATED SERVICES
7390	.PRF-MANAGEMENT, SCIENTIFIC, AND TECHNICAL CONSULTING SERVICES
7460	.PRF-SCIENTIFIC RESEARCH AND DEVELOPMENT SERVICES
7470	.PRF-ADVERTISING AND RELATED SERVICES
7480	.PRF-VETERINARY SERVICES
7490	.PRF-OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES
7570	.PRF-MANAGEMENT OF COMPANIES AND ENTERPRISES
7580	.PRF-EMPLOYMENT SERVICES
7590	.PRF-BUSINESS SUPPORT SERVICES
7670	.PRF-TRAVEL ARRANGEMENTS AND RESERVATION SERVICES
7680	.PRF-INVESTIGATION AND SECURITY SERVICES
7690	.PRF-SERVICES TO BUILDINGS AND DWELLINGS, EX CONSTR CLN
7770	.PRF-LANDSCAPING SERVICES
7780	.PRF-OTHER ADMINISTRATIVE, AND OTHER SUPPORT SERVICES
7790	.PRF-WASTE MANAGEMENT AND REMEDIATION SERVICES
7860	.EDU-ELEMENTARY AND SECONDARY SCHOOLS
7870	.EDU-COLLEGES AND UNIVERSITIES, INCLUDING JUNIOR COLLEGES
7880	.EDU-BUSINESS, TECHNICAL, AND TRADE SCHOOLS AND TRAINING
7890	.EDU-OTHER SCHOOLS AND INSTRUCTION, AND EDUCATIONAL SUPPORT SERVICES
7970	.MED-OFFICES OF PHYSICIANS
7980	.MED-OFFICES OF DENTISTS
7990	.MED-OFFICE OF CHIROPRACTORS
8070	.MED-OFFICES OF OPTOMETRISTS
8080	.MED-OFFICES OF OTHER HEALTH PRACTITIONERS
8090	.MED-OUTPATIENT CARE CENTERS
8170	.MED-HOME HEALTH CARE SERVICES
8180	.MED-OTHER HEALTH CARE SERVICES
8190	.MED-HOSPITALS
8270	.MED-NURSING CARE FACILITIES
8290	.MED-RESIDENTIAL CARE FACILITIES, WITHOUT NURSING
8370	.SCA-INDIVIDUAL AND FAMILY SERVICES
8380	.SCA-COMMUNITY FOOD AND HOUSING, AND EMERGENCY SERVICES
8390	.SCA-VOCATIONAL REHABILITATION SERVICES
8470	.SCA-CHILD DAY CARE SERVICES
8560	.ENT-INDEPENDENT ARTISTS, PERFORMING ARTS, SPECTATOR SPORTS AND RELATED INDUSTRIES
8570	.ENT-MUSEUMS, ART GALLERIES, HISTORICAL SITES, AND SIMILAR INSTITUTIONS
8580	.ENT-BOWLING CENTERS
8590	.ENT-OTHER AMUSEMENT, GAMBLING, AND RECREATION INDUSTRIES

Value	Meaning
8660	.ENT-TRAVELER ACCOMMODATION
8670	.ENT-RECREATIONAL VEHICLE PARKS AND CAMPS, AND ROOMING AND BOARDING HOUSES
8680	.ENT-RESTAURANTS AND OTHER FOOD SERVICES
8690	.ENT-DRINKING PLACES, ALCOHOLIC BEVERAGES
8770	.SRV-AUTOMOTIVE REPAIR AND MAINTENANCE
8780	.SRV-CAR WASHES
8790	.SRV-ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE
8870	.SRV-COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT REPAIR AND MAINTENANCE
8880	.SRV-PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE
8970	.SRV-BARBER SHOPS
8980	.SRV-BEAUTY SALONS
8990	.SRV-NAIL SALONS AND OTHER PERSONAL CARE SERVICES
9070	.SRV-DRYCLEANING AND LAUNDRY SERVICES
9080	.SRV-FUNERAL HOMES, CEMETERIES AND CREMATORIES
9090	.SRV-OTHER PERSONAL SERVICES
9160	.SRV-RELIGIOUS ORGANIZATIONS
9170	.SRV-CIVIC, SOCIAL, ADVOCACY ORGANIZATIONS, AND GRANTMAKING AND GIVING SERVICES
9180	.SRV-LABOR UNIONS
9190	.SRV-BUSINESS, PROFESSIONAL, POLITICAL, AND SIMILAR ORGANIZATIONS
9290	.SRV-PRIVATE HOUSEHOLDS
9370	.ADM-EXECUTIVE OFFICES AND LEGISLATIVE BODIES
9380	.ADM-PUBLIC FINANCE ACTIVITIES
9390	.ADM-OTHER GENERAL GOVERNMENT AND SUPPORT
9470	.ADM-JUSTICE, PUBLIC ORDER, AND SAFETY ACTIVITIES
9480	.ADM-ADMINISTRATION OF HUMAN RESOURCE PROGRAMS
9490	.ADM-ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS
9570	.ADM-ADMINISTRATION OF ECONOMIC PROGRAMS AND SPACE RESEARCH
9590	.ADM-NATIONAL SECURITY AND INTERNATIONAL AFFAIRS
9670	.MIL-U.S. ARMY
9680	.MIL-U.S. AIR FORCE
9690	.MIL-U.S. NAVY
9770	.MIL-U.S. MARINES
9780	.MIL-U.S. COAST GUARD
9790	.MIL-U.S. ARMED FORCES, BRANCH NOT SPECIFIED
9870	.MIL-MILITARY RESERVES OR NATIONAL GUARD
9920	.UNEMPLOYED AND LAST WORKED 5 YEARS AGO OR EARLIER OR NEVER WORKED
N.A.	.Code classification is Not Applicable

OCCP02 – Occupation 2002 recode

Value	Meaning
10	.MGR-CHIEF EXECUTIVES AND LEGISLATORS
20	.MGR-GENERAL AND OPERATIONS MANAGERS
40	.MGR-ADVERTISING AND PROMOTIONS MANAGERS
50	.MGR-MARKETING AND SALES MANAGERS
60	.MGR-PUBLIC RELATIONS MANAGERS
100	.MGR-ADMINISTRATIVE SERVICES MANAGERS
110	.MGR-COMPUTER AND INFORMATION SYSTEMS MANAGERS
120	.MGR-FINANCIAL MANAGERS
130	.MGR-HUMAN RESOURCES MANAGERS
140	.MGR-INDUSTRIAL PRODUCTION MANAGERS
150	.MGR-PURCHASING MANAGERS
160	.MGR-TRANSPORTATION, STORAGE, AND DISTRIBUTION MANAGERS
200	.MGR-FARM, RANCH, AND OTHER AGRICULTURAL MANAGERS
210	.MGR-FARMERS AND RANCHERS
220	.MGR-CONSTRUCTION MANAGERS
230	.MGR-EDUCATION ADMINISTRATORS
300	.MGR-ENGINEERING MANAGERS
310	.MGR-FOOD SERVICE MANAGERS
320	.MGR-FUNERAL DIRECTORS
330	.MGR-GAMING MANAGERS
340	.MGR-LODGING MANAGERS
350	.MGR-MEDICAL AND HEALTH SERVICES MANAGERS
360	.MGR-NATURAL SCIENCES MANAGERS
410	.MGR-PROPERTY, REAL ESTATE, AND COMMUNITY ASSOCIATION MANAGERS
420	.MGR-SOCIAL AND COMMUNITY SERVICE MANAGERS
430	.MGR-MISCELLANEOUS MANAGERS, INCLUDING POSTMASTERS AND MAIL SUPERINTENDENTS
500	.BUS-AGENTS AND BUSINESS MANAGERS OF ARTISTS, PERFORMERS, AND ATHLETES
510	.BUS-PURCHASING AGENTS AND BUYERS, FARM PRODUCTS
520	.BUS-WHOLESALE AND RETAIL BUYERS, EXCEPT FARM PRODUCTS
530	.BUS-PURCHASING AGENTS, EXCEPT WHOLESALE, RETAIL, AND FARM PRODUCTS
540	.BUS-CLAIMS ADJUSTERS, APPRAISERS, EXAMINERS, AND INVESTIGATORS
560	.BUS-COMPLIANCE OFFICERS, EXCEPT AGRICULTURE, CONSTRUCTION, HEALTH AND SAFETY, AND TRANSPORTATION
600	.BUS-COST ESTIMATORS
620	.BUS-HUMAN RESOURCES, TRAINING, AND LABOR RELATIONS SPECIALISTS
700	.BUS-LOGISTICIANS
710	.BUS-MANAGEMENT ANALYSTS
720	.BUS-MEETING AND CONVENTION PLANNERS
730	.BUS-OTHER BUSINESS OPERATIONS SPECIALISTS

Value	Meaning
800	.FIN-ACCOUNTANTS AND AUDITORS
810	.FIN-APPRAISERS AND ASSESSORS OF REAL ESTATE
820	.FIN-BUDGET ANALYSTS
830	.FIN-CREDIT ANALYSTS
840	.FIN-FINANCIAL ANALYSTS
850	.FIN-PERSONAL FINANCIAL ADVISORS
860	.FIN-INSURANCE UNDERWRITERS
900	.FIN-FINANCIAL EXAMINERS
910	.FIN-LOAN COUNSELORS AND OFFICERS
930	.FIN-TAX EXAMINERS, COLLECTORS, AND REVENUE AGENTS
940	.FIN-TAX PREPARERS
950	.FIN-FINANCIAL SPECIALISTS, ALL OTHER
1000	.CMM-COMPUTER SCIENTISTS AND SYSTEMS ANALYSTS
1010	.CMM-COMPUTER PROGRAMMERS
1020	.CMM-COMPUTER SOFTWARE ENGINEERS
1040	.CMM-COMPUTER SUPPORT SPECIALISTS
1060	.CMM-DATABASE ADMINISTRATORS
1100	.CMM-NETWORK AND COMPUTER SYSTEMS ADMINISTRATORS
1110	.CMM-NETWORK SYSTEMS AND DATA COMMUNICATIONS ANALYSTS
1200	.CMM-ACTUARIES
1220	.CMM-OPERATIONS RESEARCH ANALYSTS
1240	.CMM-MISCELLANEOUS MATHEMATICAL SCIENCE OCCUPATIONS, INCLUDING MATHEMATICIANS AND STATISTICIANS
1300	.ENG-ARCHITECTS, EXCEPT NAVAL
1310	.ENG-SURVEYORS, CARTOGRAPHERS, AND PHOTOGRAMMETRISTS
1320	.ENG-AEROSPACE ENGINEERS
1340	.ENG-BIOMEDICAL AND AGRICULTURAL ENGINEERS
1350	.ENG-CHEMICAL ENGINEERS
1360	.ENG-CIVIL ENGINEERS
1400	.ENG-COMPUTER HARDWARE ENGINEERS
1410	.ENG-ELECTRICAL AND ELECTRONICS ENGINEERS
1420	.ENG-ENVIRONMENTAL ENGINEERS
1430	.ENG-INDUSTRIAL ENGINEERS, INCLUDING HEALTH AND SAFETY
1440	.ENG-MARINE ENGINEERS AND NAVAL ARCHITECTS
1450	.ENG-MATERIALS ENGINEERS
1460	.ENG-MECHANICAL ENGINEERS
1520	.ENG-PETROLEUM, MINING AND GEOLOGICAL ENGINEERS, INCLUDING MINING SAFETY ENGINEERS
1530	.ENG-MISCELLANEOUS ENGINEERS, INCLUDING NUCLEAR ENGINEERS
1540	.ENG-DRAFTERS
1550	.ENG-ENGINEERING TECHNICIANS, EXCEPT DRAFTERS

Value	Meaning
1560	.ENG-SURVEYING AND MAPPING TECHNICIANS
1600	.SCI-AGRICULTURAL AND FOOD SCIENTISTS
1610	.SCI-BIOLOGICAL SCIENTISTS
1640	.SCI-CONSERVATION SCIENTISTS AND FORESTERS
1650	.SCI-MEDICAL SCIENTISTS
1700	.SCI-ASTRONOMERS AND PHYSICISTS
1710	.SCI-ATMOSPHERIC AND SPACE SCIENTISTS
1720	.SCI-CHEMISTS AND MATERIALS SCIENTISTS
1740	.SCI-ENVIRONMENTAL SCIENTISTS AND GEOSCIENTISTS
1760	.SCI-PHYSICAL SCIENTISTS, ALL OTHER
1800	.SCI-ECONOMISTS
1810	.SCI-MARKET AND SURVEY RESEARCHERS
1820	.SCI-PSYCHOLOGISTS
1840	.SCI-URBAN AND REGIONAL PLANNERS
1860	.SCI-MISCELLANEOUS SOCIAL SCIENTISTS, INCLUDING SOCIOLOGISTS
1900	.SCI-AGRICULTURAL AND FOOD SCIENCE TECHNICIANS
1910	.SCI-BIOLOGICAL TECHNICIANS
1920	.SCI-CHEMICAL TECHNICIANS
1930	.SCI-GEOLOGICAL AND PETROLEUM TECHNICIANS
1960	.SCI-MISCELLANEOUS LIFE, PHYSICAL, AND SOCIAL SCIENCE TECHNICIANS, INCLUDING SOCIAL SCIENCE RESEARCH ASSISTANTS AND NUCLEAR TECHNICIANS
2000	.CMS-COUNSELORS
2010	.CMS-SOCIAL WORKERS
2020	.CMS-MISCELLANEOUS COMMUNITY AND SOCIAL SERVICE SPECIALISTS
2040	.CMS-CLERGY
2050	.CMS-DIRECTORS, RELIGIOUS ACTIVITIES AND EDUCATION
2060	.CMS-RELIGIOUS WORKERS, ALL OTHER
2100	.LGL-LAWYERS, AND JUDGES, MAGISTRATES, AND OTHER JUDICIAL WORKERS
2140	.LGL-PARALEGALS AND LEGAL ASSISTANTS
2150	.LGL-MISCELLANEOUS LEGAL SUPPORT WORKERS
2200	.EDU-POSTSECONDARY TEACHERS
2300	.EDU-PRESCHOOL AND KINDERGARTEN TEACHERS
2310	.EDU-ELEMENTARY AND MIDDLE SCHOOL TEACHERS
2320	.EDU-SECONDARY SCHOOL TEACHERS
2330	.EDU-SPECIAL EDUCATION TEACHERS
2340	.EDU-OTHER TEACHERS AND INSTRUCTORS
2400	.EDU-ARCHIVISTS, CURATORS, AND MUSEUM TECHNICIANS
2430	.EDU-LIBRARIANS
2440	.EDU-LIBRARY TECHNICIANS
2540	.EDU-TEACHER ASSISTANTS

Value	Meaning
2550	.EDU-OTHER EDUCATION, TRAINING, AND LIBRARY WORKERS
2600	.ENT-ARTISTS AND RELATED WORKERS
2630	.ENT-DESIGNERS
2700	.ENT-ACTORS
2710	.ENT-PRODUCERS AND DIRECTORS
2720	.ENT-ATHLETES, COACHES, UMPIRES, AND RELATED WORKERS
2740	.ENT-DANCERS AND CHOREOGRAPHERS
2750	.ENT-MUSICIANS, SINGERS, AND RELATED WORKERS
2760	.ENT-ENTERTAINERS AND PERFORMERS, SPORTS AND RELATED WORKERS, ALL OTHER
2800	.ENT-ANNOUNCERS
2810	.ENT-NEWS ANALYSTS, REPORTERS AND CORRESPONDENTS
2820	.ENT-PUBLIC RELATIONS SPECIALISTS
2830	.ENT-EDITORS
2840	.ENT-TECHNICAL WRITERS
2850	.ENT-WRITERS AND AUTHORS
2860	.ENT-MISCELLANEOUS MEDIA AND COMMUNICATION WORKERS
2900	.ENT-BROADCAST AND SOUND ENGINEERING TECHNICIANS AND RADIO OPERATORS, AND MEDIA AND COMMUNICATION EQUIPMENT WORKERS, ALL OTHER
2910	.ENT-PHOTOGRAPHERS
2920	.ENT-TELEVISION, VIDEO, AND MOTION PICTURE CAMERA OPERATORS AND EDITORS
3000	.MED-CHIROPRACTORS
3010	.MED-DENTISTS
3030	.MED-DIETITIANS AND NUTRITIONISTS
3040	.MED-OPTOMETRISTS
3050	.MED-PHARMACISTS
3060	.MED-PHYSICIANS AND SURGEONS
3110	.MED-PHYSICIAN ASSISTANTS
3120	.MED-PODIATRISTS
3130	.MED-REGISTERED NURSES
3140	.MED-AUDIOLOGISTS
3150	.MED-OCCUPATIONAL THERAPISTS
3160	.MED-PHYSICAL THERAPISTS
3200	.MED-RADIATION THERAPISTS
3210	.MED-RECREATIONAL THERAPISTS
3220	.MED-RESPIRATORY THERAPISTS
3230	.MED-SPEECH-LANGUAGE PATHOLOGISTS
3240	.MED-THERAPISTS, ALL OTHER
3250	.MED-VETERINARIANS
3260	.MED-HEALTH DIAGNOSING AND TREATING PRACTITIONERS, ALL OTHER
3300	.MED-CLINICAL LABORATORY TECHNOLOGISTS AND TECHNICIANS

Value	Meaning
3310	.MED-DENTAL HYGIENISTS
3320	.MED-DIAGNOSTIC RELATED TECHNOLOGISTS AND TECHNICIANS
3400	.MED-EMERGENCY MEDICAL TECHNICIANS AND PARAMEDICS
3410	.MED-HEALTH DIAGNOSING AND TREATING PRACTITIONER SUPPORT TECHNICIANS
3500	.MED-LICENSED PRACTICAL AND LICENSED VOCATIONAL NURSES
3510	.MED-MEDICAL RECORDS AND HEALTH INFORMATION TECHNICIANS
3520	.MED-OPTICIANS, DISPENSING
3530	.MED-MISCELLANEOUS HEALTH TECHNOLOGISTS AND TECHNICIANS
3540	.MED-OTHER HEALTHCARE PRACTITIONERS AND TECHNICAL OCCUPATIONS
3600	.HLS-NURSING, PSYCHIATRIC, AND HOME HEALTH AIDES
3610	.HLS-OCCUPATIONAL THERAPIST ASSISTANTS AND AIDES
3620	.HLS-PHYSICAL THERAPIST ASSISTANTS AND AIDES
3630	.HLS-MASSAGE THERAPISTS
3640	.HLS-DENTAL ASSISTANTS
3650	.HLS-MEDICAL ASSISTANTS AND OTHER HEALTHCARE SUPPORT OCCUPATIONS, EXCEPT DENTAL ASSISTANTS
3700	.PRT-FIRST-LINE SUPERVISORS/MANAGERS OF CORRECTIONAL OFFICERS
3710	.PRT-FIRST-LINE SUPERVISORS/MANAGERS OF POLICE AND DETECTIVES
3720	.PRT-FIRST-LINE SUPERVISORS/MANAGERS OF FIRE FIGHTING AND PREVENTION WORKERS
3730	.PRT-SUPERVISORS, PROTECTIVE SERVICE WORKERS, ALL OTHER
3740	.PRT-FIREFIGHTERS
3750	.PRT-FIRE INSPECTORS
3800	.PRT-BAILIFFS, CORRECTIONAL OFFICERS, AND JAILERS
3820	.PRT-DETECTIVES AND CRIMINAL INVESTIGATORS
3840	.PRT-MISCELLANEOUS LAW ENFORCEMENT WORKERS
3850	.PRT-POLICE OFFICERS
3900	.PRT-ANIMAL CONTROL WORKERS
3910	.PRT-PRIVATE DETECTIVES AND INVESTIGATORS
3920	.PRT-SECURITY GUARDS AND GAMING SURVEILLANCE OFFICERS
3940	.PRT-CROSSING GUARDS
3950	.PRT-LIFEGUARDS AND OTHER PROTECTIVE SERVICE WORKERS
4000	.EAT-CHEFS AND HEAD COOKS
4010	.EAT-FIRST-LINE SUPERVISORS/MANAGERS OF FOOD PREPARATION AND SERVING WORKERS
4020	.EAT-COOKS
4030	.EAT-FOOD PREPARATION WORKERS
4040	.EAT-BARTENDERS
4050	.EAT-COMBINED FOOD PREPARATION AND SERVING WORKERS, INCLUDING FAST FOOD
4060	.EAT-COUNTER ATTENDANTS, CAFETERIA, FOOD CONCESSION, AND COFFEE SHOP
4110	.EAT-WAITERS AND WAITRESSES
4120	.EAT-FOOD SERVERS, NONRESTAURANT

Value	Meaning
4130	.EAT-MISCELLANEOUS FOOD PREPARATION AND SERVING RELATED WORKERS, INCLUDING DINING ROOM AND CAFETERIA ATTENDANTS AND BARTENDER HELPERS
4140	.EAT-DISHWASHERS
4150	.EAT-HOSTS AND HOSTESSES, RESTAURANT, LOUNGE, AND COFFEE SHOP
4200	.CLN-FIRST-LINE SUPERVISORS/MANAGERS OF HOUSEKEEPING AND JANITORIAL WORKERS
4210	.CLN-FIRST-LINE SUPERVISORS/MANAGERS OF LANDSCAPING, LAWN SERVICE, AND GROUNDSKEEPING WORKERS
4220	.CLN-JANITORS AND BUILDING CLEANERS
4230	.CLN-MAIDS AND HOUSEKEEPING CLEANERS
4240	.CLN-PEST CONTROL WORKERS
4250	.CLN-GROUNDS MAINTENANCE WORKERS
4300	.PRS-FIRST-LINE SUPERVISORS/MANAGERS OF GAMING WORKERS
4320	.PRS-FIRST-LINE SUPERVISORS/MANAGERS OF PERSONAL SERVICE WORKERS
4340	.PRS-ANIMAL TRAINERS
4350	.PRS-NONFARM ANIMAL CARETAKERS
4400	.PRS-GAMING SERVICES WORKERS
4410	.PRS-MOTION PICTURE PROJECTIONISTS
4420	.PRS-USHERS, LOBBY ATTENDANTS, AND TICKET TAKERS
4430	.PRS-MISCELLANEOUS ENTERTAINMENT ATTENDANTS AND RELATED WORKERS
4460	.PRS-FUNERAL SERVICE WORKERS
4500	.PRS-BARBERS
4510	.PRS-HAIRDRESSERS, HAIRSTYLISTS, AND COSMETOLOGISTS
4520	.PRS-MISCELLANEOUS PERSONAL APPEARANCE WORKERS
4530	.PRS-BAGGAGE PORTERS, BELLHOPS, AND CONCIERGES
4540	.PRS-TOUR AND TRAVEL GUIDES
4550	.PRS-TRANSPORTATION ATTENDANTS
4600	.PRS-CHILD CARE WORKERS
4610	.PRS-PERSONAL AND HOME CARE AIDES
4620	.PRS-RECREATION AND FITNESS WORKERS
4640	.PRS-RESIDENTIAL ADVISORS
4650	.PRS-PERSONAL CARE AND SERVICE WORKERS, ALL OTHER
4700	.SAL-FIRST-LINE SUPERVISORS/MANAGERS OF RETAIL SALES WORKERS
4710	.SAL-FIRST-LINE SUPERVISORS/MANAGERS OF NON-RETAIL SALES WORKERS
4720	.SAL-CASHIERS
4740	.SAL-COUNTER AND RENTAL CLERKS
4750	.SAL-PARTS SALESPERSONS
4760	.SAL-RETAIL SALESPERSONS
4800	.SAL-ADVERTISING SALES AGENTS
4810	.SAL-INSURANCE SALES AGENTS
4820	.SAL-SECURITIES, COMMODITIES, AND FINANCIAL SERVICES SALES AGENTS
4830	.SAL-TRAVEL AGENTS

Value	Meaning
4840	.SAL-SALES REPRESENTATIVES, SERVICES, ALL OTHER
4850	.SAL-SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING
4900	.SAL-MODELS, DEMONSTRATORS, AND PRODUCT PROMOTERS
4920	.SAL-REAL ESTATE BROKERS AND SALES AGENTS
4930	.SAL-SALES ENGINEERS
4940	.SAL-TELEMARKETERS
4950	.SAL-DOOR-TO-DOOR SALES WORKERS, NEWS AND STREET VENDORS, AND RELATED WORKERS
4960	.SAL-SALES AND RELATED WORKERS, ALL OTHER
5000	.OFF-FIRST-LINE SUPERVISORS/MANAGERS OF OFFICE AND ADMINISTRATIVE SUPPORT WORKERS
5010	.OFF-SWITCHBOARD OPERATORS, INCLUDING ANSWERING SERVICE
5020	.OFF-TELEPHONE OPERATORS
5030	.OFF-COMMUNICATIONS EQUIPMENT OPERATORS, ALL OTHER
5100	.OFF-BILL AND ACCOUNT COLLECTORS
5110	.OFF-BILLING AND POSTING CLERKS AND MACHINE OPERATORS
5120	.OFF-BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS
5130	.OFF-GAMING CAGE WORKERS
5140	.OFF-PAYROLL AND TIMEKEEPING CLERKS
5150	.OFF-PROCUREMENT CLERKS
5160	.OFF-TELLERS
5200	.OFF-BROKERAGE CLERKS
5220	.OFF-COURT, MUNICIPAL, AND LICENSE CLERKS
5230	.OFF-CREDIT AUTHORIZERS, CHECKERS, AND CLERKS
5240	.OFF-CUSTOMER SERVICE REPRESENTATIVES
5250	.OFF-ELIGIBILITY INTERVIEWERS, GOVERNMENT PROGRAMS
5260	.OFF-FILE CLERKS
5300	.OFF-HOTEL, MOTEL, AND RESORT DESK CLERKS
5310	.OFF-INTERVIEWERS, EXCEPT ELIGIBILITY AND LOAN
5320	.OFF-LIBRARY ASSISTANTS, CLERICAL
5330	.OFF-LOAN INTERVIEWERS AND CLERKS
5340	.OFF-NEW ACCOUNTS CLERKS
5350	.OFF-CORRESPONDENCE CLERKS AND ORDER CLERKS
5360	.OFF-HUMAN RESOURCES ASSISTANTS, EXCEPT PAYROLL AND TIMEKEEPING
5400	.OFF-RECEPTIONISTS AND INFORMATION CLERKS
5410	.OFF-RESERVATION AND TRANSPORTATION TICKET AGENTS AND TRAVEL CLERKS
5420	.OFF-INFORMATION AND RECORD CLERKS, ALL OTHER
5500	.OFF-CARGO AND FREIGHT AGENTS
5510	.OFF-COURIERS AND MESSENGERS
5520	.OFF-DISPATCHERS
5530	.OFF-METER READERS, UTILITIES

Value	Meaning
5540	.OFF-POSTAL SERVICE CLERKS
5550	.OFF-POSTAL SERVICE MAIL CARRIERS
5560	.OFF-POSTAL SERVICE MAIL SORTERS, PROCESSORS, AND PROCESSING MACHINE OPERATORS
5600	.OFF-PRODUCTION, PLANNING, AND EXPEDITING CLERKS
5610	.OFF-SHIPPING, RECEIVING, AND TRAFFIC CLERKS
5620	.OFF-STOCK CLERKS AND ORDER FILLERS
5630	.OFF-WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING
5700	.OFF-SECRETARIES AND ADMINISTRATIVE ASSISTANTS
5800	.OFF-COMPUTER OPERATORS
5810	.OFF-DATA ENTRY KEYERS
5820	.OFF-WORD PROCESSORS AND TYPISTS
5840	.OFF-INSURANCE CLAIMS AND POLICY PROCESSING CLERKS
5850	.OFF-MAIL CLERKS AND MAIL MACHINE OPERATORS, EXCEPT POSTAL SERVICE
5860	.OFF-OFFICE CLERKS, GENERAL
5900	.OFF-OFFICE MACHINE OPERATORS, EXCEPT COMPUTER
5910	.OFF-PROOFREADERS AND COPY MARKERS
5920	.OFF-STATISTICAL ASSISTANTS
5930	.OFF-MISCELLANEOUS OFFICE AND ADMINISTRATIVE SUPPORT WORKERS, INCLUDING DESKTOP PUBLISHERS
6000	.FFF-FIRST-LINE SUPERVISORS/MANAGERS OF FARMING, FISHING, AND FORESTRY WORKERS
6010	.FFF-AGRICULTURAL INSPECTORS
6040	.FFF-GRADERS AND SORTERS, AGRICULTURAL PRODUCTS
6050	.FFF-MISCELLANEOUS AGRICULTURAL WORKERS, INCLUDING ANIMAL BREEDERS
6100	.FFF-FISHING AND HUNTING WORKERS
6120	.FFF-FOREST AND CONSERVATION WORKERS
6130	.FFF-LOGGING WORKERS
6200	.CON-FIRST-LINE SUPERVISORS/MANAGERS OF CONSTRUCTION TRADES AND EXTRACTION WORKERS
6210	.CON-BOILERMAKERS
6220	.CON-BRICKMASONS, BLOCKMASONS, AND STONEMASONS
6230	.CON-CARPENTERS
6240	.CON-CARPET, FLOOR, AND TILE INSTALLERS AND FINISHERS
6250	.CON-CEMENT MASONS, CONCRETE FINISHERS, AND TERRAZZO WORKERS
6260	.CON-CONSTRUCTION LABORERS
6300	.CON-PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS
6320	.CON-CONSTRUCTION EQUIPMENT OPERATORS, EXCEPT PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS
6330	.CON-DRYWALL INSTALLERS, CEILING TILE INSTALLERS, AND TAPERS
6350	.CON-ELECTRICIANS
6360	.CON-GLAZIERS
6400	.CON-INSULATION WORKERS
6420	.CON-PAINTERS, CONSTRUCTION AND MAINTENANCE

Value	Meaning
6430	.CON-PAPERHANGERS
6440	.CON-PIPELAYERS, PLUMBERS, PIPEFITTERS, AND STEAMFITTERS
6460	.CON-PLASTERERS AND STUCCO MASONS
6500	.CON-REINFORCING IRON AND REBAR WORKERS
6510	.CON-ROOFERS
6520	.CON-SHEET METAL WORKERS
6530	.CON-STRUCTURAL IRON AND STEEL WORKERS
6600	.CON-HELPERS, CONSTRUCTION TRADES
6660	.CON-CONSTRUCTION AND BUILDING INSPECTORS
6700	.CON-ELEVATOR INSTALLERS AND REPAIRERS
6710	.CON-FENCE ERECTORS
6720	.CON-HAZARDOUS MATERIALS REMOVAL WORKERS
6730	.CON-HIGHWAY MAINTENANCE WORKERS
6740	.CON-RAIL-TRACK LAYING AND MAINTENANCE EQUIPMENT OPERATORS
6760	.CON-MISCELLANEOUS CONSTRUCTION WORKERS, INCLUDING SEPTIC TANK SERVICERS AND SEWER PIPE CLEANERS
6800	.EXT-DERRICK, ROTARY DRILL, AND SERVICE UNIT OPERATORS, AND ROUSTABOUTS, OIL, GAS, AND MINING
6820	.EXT-EARTH DRILLERS, EXCEPT OIL AND GAS
6830	.EXT-EXPLOSIVES WORKERS, ORDNANCE HANDLING EXPERTS, AND BLASTERS
6840	.EXT-MINING MACHINE OPERATORS
6940	.EXT-MISCELLANEOUS EXTRACTION WORKERS, INCLUDING ROOF BOLTERS AND HELPERS
7000	.RPR-FIRST-LINE SUPERVISORS/MANAGERS OF MECHANICS, INSTALLERS, AND REPAIRERS
7010	.RPR-COMPUTER, AUTOMATED TELLER, AND OFFICE MACHINE REPAIRERS
7020	.RPR-RADIO AND TELECOMMUNICATIONS EQUIPMENT INSTALLERS AND REPAIRERS
7030	.RPR-AVIONICS TECHNICIANS
7040	.RPR-ELECTRIC MOTOR, POWER TOOL, AND RELATED REPAIRERS
7100	.RPR-ELECTRICAL AND ELECTRONICS REPAIRERS, TRANSPORTATION EQUIPMENT, AND INDUSTRIAL AND UTILITY
7110	.RPR-ELECTRONIC EQUIPMENT INSTALLERS AND REPAIRERS, MOTOR VEHICLES
7120	.RPR-ELECTRONIC HOME ENTERTAINMENT EQUIPMENT INSTALLERS AND REPAIRERS
7130	.RPR-SECURITY AND FIRE ALARM SYSTEMS INSTALLERS
7140	.RPR-AIRCRAFT MECHANICS AND SERVICE TECHNICIANS
7150	.RPR-AUTOMOTIVE BODY AND RELATED REPAIRERS
7160	.RPR-AUTOMOTIVE GLASS INSTALLERS AND REPAIRERS
7200	.RPR-AUTOMOTIVE SERVICE TECHNICIANS AND MECHANICS
7210	.RPR-BUS AND TRUCK MECHANICS AND DIESEL ENGINE SPECIALISTS
7220	.RPR-HEAVY VEHICLE AND MOBILE EQUIPMENT SERVICE TECHNICIANS AND MECHANICS
7240	.RPR-SMALL ENGINE MECHANICS
7260	.RPR-MISCELLANEOUS VEHICLE AND MOBILE EQUIPMENT MECHANICS, INSTALLERS, AND REPAIRERS
7300	.RPR-CONTROL AND VALVE INSTALLERS AND REPAIRERS
7310	.RPR-HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS

Value	Meaning
7320	.RPR-HOME APPLIANCE REPAIRERS
7330	.RPR-INDUSTRIAL AND REFRACTORY MACHINERY MECHANICS
7340	.RPR-MAINTENANCE AND REPAIR WORKERS, GENERAL
7350	.RPR-MAINTENANCE WORKERS, MACHINERY
7360	.RPR-MILLWRIGHTS
7410	.RPR-ELECTRICAL POWER-LINE INSTALLERS AND REPAIRERS
7420	.RPR-TELECOMMUNICATIONS LINE INSTALLERS AND REPAIRERS
7430	.RPR-PRECISION INSTRUMENT AND EQUIPMENT REPAIRERS
7510	.RPR-COIN, VENDING, AND AMUSEMENT MACHINE SERVICERS AND REPAIRERS
7540	.RPR-LOCKSMITHS AND SAFE REPAIRERS
7550	.RPR-MANUFACTURED BUILDING AND MOBILE HOME INSTALLERS
7560	.RPR-RIGGERS
7610	.RPR-HELPERS--INSTALLATION, MAINTENANCE, AND REPAIR WORKERS
7620	.RPR-OTHER INSTALLATION, MAINTENANCE, AND REPAIR WORKERS, INCLUDING COMMERCIAL DIVERS, AND SIGNAL AND TRACK SWITCH REPAIRERS
7700	.PRD-FIRST-LINE SUPERVISORS/MANAGERS OF PRODUCTION AND OPERATING WORKERS
7710	.PRD-AIRCRAFT STRUCTURE, SURFACES, RIGGING, AND SYSTEMS ASSEMBLERS
7720	.PRD-ELECTRICAL, ELECTRONICS, AND ELECTROMECHANICAL ASSEMBLERS
7730	.PRD-ENGINE AND OTHER MACHINE ASSEMBLERS
7740	.PRD-STRUCTURAL METAL FABRICATORS AND FITTERS
7750	.PRD-MISCELLANEOUS ASSEMBLERS AND FABRICATORS
7800	.PRD-BAKERS
7810	.PRD-BUTCHERS AND OTHER MEAT, POULTRY, AND FISH PROCESSING WORKERS
7830	.PRD-FOOD AND TOBACCO ROASTING, BAKING, AND DRYING MACHINE OPERATORS AND TENDERS
7840	.PRD-FOOD BATCHMAKERS
7850	.PRD-FOOD COOKING MACHINE OPERATORS AND TENDERS
7900	.PRD-COMPUTER CONTROL PROGRAMMERS AND OPERATORS
7920	.PRD-EXTRUDING AND DRAWING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
7930	.PRD-FORGING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
7940	.PRD-ROLLING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
7950	.PRD-CUTTING, PUNCHING, AND PRESS MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
7960	.PRD-DRILLING AND BORING MACHINE TOOL SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
8000	.PRD-GRINDING, LAPPING, POLISHING, AND BUFFING MACHINE TOOL SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
8010	.PRD-LATHE AND TURNING MACHINE TOOL SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
8030	.PRD-MACHINISTS
8040	.PRD-METAL FURNACE AND KILN OPERATORS AND TENDERS
8060	.PRD-MODEL MAKERS AND PATTERNMAKERS, METAL AND PLASTIC
8100	.PRD-MOLDERS AND MOLDING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
8130	.PRD-TOOL AND DIE MAKERS
8140	.PRD-WELDING, SOLDERING, AND BRAZING WORKERS

Value	Meaning
8850	.PRD-CEMENTING AND GLUING MACHINE OPERATORS AND TENDERS
8860	.PRD-CLEANING, WASHING, AND METAL PICKLING EQUIPMENT OPERATORS AND TENDERS
8910	.PRD-ETCHERS AND ENGRAVERS
8920	.PRD-MOLDERS, SHAPERS, AND CASTERS, EXCEPT METAL AND PLASTIC
8930	.PRD-PAPER GOODS MACHINE SETTERS, OPERATORS, AND TENDERS
8940	.PRD-TIRE BUILDERS
8950	.PRD-HELPERS-PRODUCTION WORKERS
8960	.PRD-OTHER PRODUCTION WORKERS, INCLUDING SEMICONDUCTOR PROCESSORS AND COOLING AND FREEZING EQUIPMENT OPERATORS
9000	.TRN-SUPERVISORS, TRANSPORTATION AND MATERIAL MOVING WORKERS
9030	.TRN-AIRCRAFT PILOTS AND FLIGHT ENGINEERS
9040	.TRN-AIR TRAFFIC CONTROLLERS AND AIRFIELD OPERATIONS SPECIALISTS
9110	.TRN-AMBULANCE DRIVERS AND ATTENDANTS, EXCEPT EMERGENCY MEDICAL TECHNICIANS
9120	.TRN-BUS DRIVERS
9130	.TRN-DRIVER/SALES WORKERS AND TRUCK DRIVERS
9140	.TRN-TAXI DRIVERS AND CHAUFFEURS
9150	.TRN-MOTOR VEHICLE OPERATORS, ALL OTHER
9200	.TRN-LOCOMOTIVE ENGINEERS AND OPERATORS
9230	.TRN-RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS
9240	.TRN-RAILROAD CONDUCTORS AND YARDMASTERS
9260	.TRN-SUBWAY, STREETCAR, AND OTHER RAIL TRANSPORTATION WORKERS
9300	.TRN-SAILORS AND MARINE OILERS, AND SHIP ENGINEERS
9310	.TRN-SHIP AND BOAT CAPTAINS AND OPERATORS
9350	.TRN-PARKING LOT ATTENDANTS
9360	.TRN-SERVICE STATION ATTENDANTS
9410	.TRN-TRANSPORTATION INSPECTORS
9420	.TRN-MISCELLANEOUS TRANSPORTATION WORKERS, INCLUDING BRIDGE AND LOCK TENDERS AND TRAFFIC TECHNICIANS
9510	.TRN-CRANE AND TOWER OPERATORS
9520	.TRN-DREDGE, EXCAVATING, AND LOADING MACHINE OPERATORS
9560	.TRN-CONVEYOR OPERATORS AND TENDERS, AND HOIST AND WINCH OPERATORS
9600	.TRN-INDUSTRIAL TRUCK AND TRACTOR OPERATORS
9610	.TRN-CLEANERS OF VEHICLES AND EQUIPMENT
9620	.TRN-LABORERS AND FREIGHT, STOCK, AND MATERIAL MOVERS, HAND
9630	.TRN-MACHINE FEEDERS AND OFFBEARERS
9640	.TRN-PACKERS AND PACKAGERS, HAND
9650	.TRN-PUMPING STATION OPERATORS
9720	.TRN-REFUSE AND RECYCLABLE MATERIAL COLLECTORS
9750	.TRN-MISCELLANEOUS MATERIAL MOVING WORKERS, INCLUDING SHUTTLE CAR OPERATORS, AND TANK CAR, TRUCK, AND SHIP LOADERS
9800	.MIL-MILITARY OFFICER SPECIAL AND TACTICAL OPERATIONS LEADERS/MANAGERS
9810	.MIL-FIRST-LINE ENLISTED MILITARY SUPERVISORS/MANAGERS

Value	Meaning
9820	.MIL-MILITARY ENLISTED TACTICAL OPERATIONS AND AIR/WEAPONS SPECIALISTS AND CREW MEMBERS
9830	.MIL-MILITARY, RANK NOT SPECIFIED
9920	.UNEMPLOYED AND LAST WORKED 5 YEARS AGO OR EARLIER OR NEVER WORKED
N.A.	.Code classification is Not Applicable, record in universe

OCCP10 – Occupation 2010 recode

Value	Meaning
10	.MGR-CHIEF EXECUTIVES AND LEGISLATORS
20	.MGR-GENERAL AND OPERATIONS MANAGERS
40	.MGR-ADVERTISING AND PROMOTIONS MANAGERS
50	.MGR-MARKETING AND SALES MANAGERS
60	.MGR-PUBLIC RELATIONS AND FUNDRAISING MANAGERS
100	.MGR-ADMINISTRATIVE SERVICES MANAGERS
110	.MGR-COMPUTER AND INFORMATION SYSTEMS MANAGERS
120	.MGR-FINANCIAL MANAGERS
135	.MGR-COMPENSATION AND BENEFITS MANAGERS
136	.MGR-HUMAN RESOURCES MANAGERS
137	.MGR-TRAINING AND DEVELOPMENT MANAGERS
140	.MGR-INDUSTRIAL PRODUCTION MANAGERS
150	.MGR-PURCHASING MANAGERS
160	.MGR-TRANSPORTATION, STORAGE, AND DISTRIBUTION MANAGERS
205	.MGR-FARMERS, RANCHERS, AND OTHER AGRICULTURAL MANAGERS
220	.MGR-CONSTRUCTION MANAGERS
230	.MGR-EDUCATION ADMINISTRATORS
300	.MGR-ARCHITECTURAL AND ENGINEERING MANAGERS
310	.MGR-FOOD SERVICE MANAGERS
330	.MGR-GAMING MANAGERS
340	.MGR-LODGING MANAGERS
350	.MGR-MEDICAL AND HEALTH SERVICES MANAGERS
360	.MGR-NATURAL SCIENCES MANAGERS
410	.MGR-PROPERTY, REAL ESTATE, AND COMMUNITY ASSOCIATION MANAGERS
420	.MGR-SOCIAL AND COMMUNITY SERVICE MANAGERS
425	.MGR-EMERGENCY MANAGEMENT DIRECTORS
430	.MGR-MISCELLANEOUS MANAGERS, INCLUDING FUNERAL SERVICE MANAGERS AND POSTMASTERS AND MAIL SUPERINTENDENTS
500	.BUS-AGENTS AND BUSINESS MANAGERS OF ARTISTS, PERFORMERS, AND ATHLETES
510	.BUS-BUYERS AND PURCHASING AGENTS, FARM PRODUCTS
520	.BUS-WHOLESALE AND RETAIL BUYERS, EXCEPT FARM PRODUCTS
530	.BUS-PURCHASING AGENTS, EXCEPT WHOLESALE, RETAIL, AND FARM PRODUCTS
540	.BUS-CLAIMS ADJUSTERS, APPRAISERS, EXAMINERS, AND INVESTIGATORS

Value	Meaning
565	.BUS-COMPLIANCE OFFICERS
600	.BUS-COST ESTIMATORS
630	.BUS-HUMAN RESOURCES WORKERS
640	.BUS-COMPENSATION, BENEFITS, AND JOB ANALYSIS SPECIALISTS
650	.BUS-TRAINING AND DEVELOPMENT SPECIALISTS
700	.BUS-LOGISTICIANS
710	.BUS-MANAGEMENT ANALYSTS
725	.BUS-MEETING, CONVENTION, AND EVENT PLANNERS
726	.BUS-FUNDRAISERS
735	.BUS-MARKET RESEARCH ANALYSTS AND MARKETING SPECIALISTS
740	.BUS-BUSINESS OPERATIONS SPECIALISTS, ALL OTHER
800	.FIN-ACCOUNTANTS AND AUDITORS
810	.FIN-APPRAISERS AND ASSESSORS OF REAL ESTATE
820	.FIN-BUDGET ANALYSTS
830	.FIN-CREDIT ANALYSTS
840	.FIN-FINANCIAL ANALYSTS
850	.FIN-PERSONAL FINANCIAL ADVISORS
860	.FIN-INSURANCE UNDERWRITERS
900	.FIN-FINANCIAL EXAMINERS
910	.FIN-CREDIT COUNSELORS AND LOAN OFFICERS
930	.FIN-TAX EXAMINERS, COLLECTORS, AND REVENUE AGENTS
940	.FIN-TAX PREPARERS
950	.FIN-FINANCIAL SPECIALISTS, ALL OTHER
1005	.CMM-COMPUTER AND INFORMATION RESEARCH SCIENTISTS
1006	.CMM-COMPUTER SYSTEMS ANALYSTS
1007	.CMM-INFORMATION SECURITY ANALYSTS
1010	.CMM-COMPUTER PROGRAMMERS
1020	.CMM-SOFTWARE DEVELOPERS, APPLICATIONS AND SYSTEMS SOFTWARE
1030	.CMM-WEB DEVELOPERS
1050	.CMM-COMPUTER SUPPORT SPECIALISTS
1060	.CMM-DATABASE ADMINISTRATORS
1105	.CMM-NETWORK AND COMPUTER SYSTEMS ADMINISTRATORS
1106	.CMM-COMPUTER NETWORK ARCHITECTS
1107	.CMM-COMPUTER OCCUPATIONS, ALL OTHER
1200	.CMM-ACTUARIES
1220	.CMM-OPERATIONS RESEARCH ANALYSTS
1240	.CMM-MISCELLANEOUS MATHEMATICAL SCIENCE OCCUPATIONS, INCLUDING MATHEMATICIANS AND STATISTICIANS
1300	.ENG-ARCHITECTS, EXCEPT NAVAL
1310	.ENG-SURVEYORS, CARTOGRAPHERS, AND PHOTOGRAMMETRISTS

Value	Meaning
1320	.ENG-AEROSPACE ENGINEERS
1340	.ENG-BIOMEDICAL AND AGRICULTURAL ENGINEERS
1350	.ENG-CHEMICAL ENGINEERS
1360	.ENG-CIVIL ENGINEERS
1400	.ENG-COMPUTER HARDWARE ENGINEERS
1410	.ENG-ELECTRICAL AND ELECTRONICS ENGINEERS
1420	.ENG-ENVIRONMENTAL ENGINEERS
1430	.ENG-INDUSTRIAL ENGINEERS, INCLUDING HEALTH AND SAFETY
1440	.ENG-MARINE ENGINEERS AND NAVAL ARCHITECTS
1450	.ENG-MATERIALS ENGINEERS
1460	.ENG-MECHANICAL ENGINEERS
1520	.ENG-PETROLEUM, MINING AND GEOLOGICAL ENGINEERS, INCLUDING MINING SAFETY ENGINEERS
1530	.ENG-MISCELLANEOUS ENGINEERS, INCLUDING NUCLEAR ENGINEERS
1540	.ENG-DRAFTERS
1550	.ENG-ENGINEERING TECHNICIANS, EXCEPT DRAFTERS
1560	.ENG-SURVEYING AND MAPPING TECHNICIANS
1600	.SCI-AGRICULTURAL AND FOOD SCIENTISTS
1610	.SCI-BIOLOGICAL SCIENTISTS
1640	.SCI-CONSERVATION SCIENTISTS AND FORESTERS
1650	.SCI-MEDICAL SCIENTISTS, AND LIFE SCIENTISTS, ALL OTHER
1700	.SCI-ASTRONOMERS AND PHYSICISTS
1710	.SCI-ATMOSPHERIC AND SPACE SCIENTISTS
1720	.SCI-CHEMISTS AND MATERIALS SCIENTISTS
1740	.SCI-ENVIRONMENTAL SCIENTISTS AND GEOSCIENTISTS
1760	.SCI-PHYSICAL SCIENTISTS, ALL OTHER
1800	.SCI-ECONOMISTS
1820	.SCI-PSYCHOLOGISTS
1840	.SCI-URBAN AND REGIONAL PLANNERS
1860	.SCI-MISCELLANEOUS SOCIAL SCIENTISTS, INCLUDING SURVEY RESEARCHERS AND SOCIOLOGISTS
1900	.SCI-AGRICULTURAL AND FOOD SCIENCE TECHNICIANS
1910	.SCI-BIOLOGICAL TECHNICIANS
1920	.SCI-CHEMICAL TECHNICIANS
1930	.SCI-GEOLOGICAL AND PETROLEUM TECHNICIANS, AND NUCLEAR TECHNICIANS
1965	.SCI-MISCELLANEOUS LIFE, PHYSICAL, AND SOCIAL SCIENCE TECHNICIANS, INCLUDING SOCIAL SCIENCE RESEARCH ASSISTANTS
2000	.CMS-COUNSELORS
2010	.CMS-SOCIAL WORKERS
2015	.CMS-PROBATION OFFICERS AND CORRECTIONAL TREATMENT SPECIALISTS
2016	.CMS-SOCIAL AND HUMAN SERVICE ASSISTANTS
2025	.CMS-MISCELLANEOUS COMMUNITY AND SOCIAL SERVICE SPECIALISTS, INCLUDING HEALTH EDUCATORS AND COMMUNITY HEALTH WORKERS

Value	Meaning
2040	.CMS-CLERGY
2050	.CMS-DIRECTORS, RELIGIOUS ACTIVITIES AND EDUCATION
2060	.CMS-RELIGIOUS WORKERS, ALL OTHER
2100	.LGL-LAWYERS, AND JUDGES, MAGISTRATES, AND OTHER JUDICIAL WORKERS
2105	.LGL-JUDICIAL LAW CLERKS
2145	.LGL-PARALEGALS AND LEGAL ASSISTANTS
2160	.LGL-MISCELLANEOUS LEGAL SUPPORT WORKERS
2200	.EDU-POSTSECONDARY TEACHERS
2300	.EDU-PRESCHOOL AND KINDERGARTEN TEACHERS
2310	.EDU-ELEMENTARY AND MIDDLE SCHOOL TEACHERS
2320	.EDU-SECONDARY SCHOOL TEACHERS
2330	.EDU-SPECIAL EDUCATION TEACHERS
2340	.EDU-OTHER TEACHERS AND INSTRUCTORS
2400	.EDU-ARCHIVISTS, CURATORS, AND MUSEUM TECHNICIANS
2430	.EDU-LIBRARIANS
2440	.EDU-LIBRARY TECHNICIANS
2540	.EDU-TEACHER ASSISTANTS
2550	.EDU-OTHER EDUCATION, TRAINING, AND LIBRARY WORKERS
2600	.ENT-ARTISTS AND RELATED WORKERS
2630	.ENT-DESIGNERS
2700	.ENT-ACTORS
2710	.ENT-PRODUCERS AND DIRECTORS
2720	.ENT-ATHLETES, COACHES, UMPIRES, AND RELATED WORKERS
2740	.ENT-DANCERS AND CHOREOGRAPHERS
2750	.ENT-MUSICIANS, SINGERS, AND RELATED WORKERS
2760	.ENT-ENTERTAINERS AND PERFORMERS, SPORTS AND RELATED WORKERS, ALL OTHER
2800	.ENT-ANNOUNCERS
2810	.ENT-NEWS ANALYSTS, REPORTERS AND CORRESPONDENTS
2825	.ENT-PUBLIC RELATIONS SPECIALISTS
2830	.ENT-EDITORS
2840	.ENT-TECHNICAL WRITERS
2850	.ENT-WRITERS AND AUTHORS
2860	.ENT-MISCELLANEOUS MEDIA AND COMMUNICATION WORKERS
2900	.ENT-BROADCAST AND SOUND ENGINEERING TECHNICIANS AND RADIO OPERATORS, AND MEDIA AND COMMUNICATION EQUIPMENT WORKERS, ALL OTHER
2910	.ENT-PHOTOGRAPHERS
2920	.ENT-TELEVISION, VIDEO, AND MOTION PICTURE CAMERA OPERATORS AND EDITORS
3000	.MED-CHIROPRACTORS
3010	.MED-DENTISTS
3030	.MED-DIETITIANS AND NUTRITIONISTS

Value	Meaning
3040	.MED-OPTOMETRISTS
3050	.MED-PHARMACISTS
3060	.MED-PHYSICIANS AND SURGEONS
3110	.MED-PHYSICIAN ASSISTANTS
3120	.MED-PODIATRISTS
3140	.MED-AUDIOLOGISTS
3150	.MED-OCCUPATIONAL THERAPISTS
3160	.MED-PHYSICAL THERAPISTS
3200	.MED-RADIATION THERAPISTS
3210	.MED-RECREATIONAL THERAPISTS
3220	.MED-RESPIRATORY THERAPISTS
3230	.MED-SPEECH-LANGUAGE PATHOLOGISTS
3245	.MED-OTHER THERAPISTS, INCLUDING EXERCISE PHYSIOLOGISTS
3250	.MED-VETERINARIANS
3255	.MED-REGISTERED NURSES
3256	.MED-NURSE ANESTHETISTS
3258	.MED-NURSE PRACTITIONERS, AND NURSE MIDWIVES
3260	.MED-HEALTH DIAGNOSING AND TREATING PRACTITIONERS, ALL OTHER
3300	.MED-CLINICAL LABORATORY TECHNOLOGISTS AND TECHNICIANS
3310	.MED-DENTAL HYGIENISTS
3320	.MED-DIAGNOSTIC RELATED TECHNOLOGISTS AND TECHNICIANS
3400	.MED-EMERGENCY MEDICAL TECHNICIANS AND PARAMEDICS
3420	.MED-HEALTH PRACTITIONER SUPPORT TECHNOLOGISTS AND TECHNICIANS
3500	.MED-LICENSED PRACTICAL AND LICENSED VOCATIONAL NURSES
3510	.MED-MEDICAL RECORDS AND HEALTH INFORMATION TECHNICIANS
3520	.MED-OPTICIANS, DISPENSING
3535	.MED-MISCELLANEOUS HEALTH TECHNOLOGISTS AND TECHNICIANS
3540	.MED-OTHER HEALTHCARE PRACTITIONERS AND TECHNICAL OCCUPATIONS
3600	.HLS-NURSING, PSYCHIATRIC, AND HOME HEALTH AIDES
3610	.HLS-OCCUPATIONAL THERAPY ASSISTANTS AND AIDES
3620	.HLS-PHYSICAL THERAPIST ASSISTANTS AND AIDES
3630	.HLS-MASSAGE THERAPISTS
3640	.HLS-DENTAL ASSISTANTS
3645	.HLS-MEDICAL ASSISTANTS
3646	.HLS-MEDICAL TRANSCRIPTIONISTS
3647	.HLS-PHARMACY AIDES
3648	.HLS-VETERINARY ASSISTANTS AND LABORATORY ANIMAL CARETAKERS
3649	.HLS-PHLEBOTOMISTS
3655	.HLS-HEALTHCARE SUPPORT WORKERS, ALL OTHER, INCLUDING MEDICAL EQUIPMENT PREPARERS

Value	Meaning
3700	.PRT-FIRST-LINE SUPERVISORS OF CORRECTIONAL OFFICERS
3710	.PRT-FIRST-LINE SUPERVISORS OF POLICE AND DETECTIVES
3720	.PRT-FIRST-LINE SUPERVISORS OF FIRE FIGHTING AND PREVENTION WORKERS
3730	.PRT-FIRST-LINE SUPERVISORS OF PROTECTIVE SERVICE WORKERS, ALL OTHER
3740	.PRT-FIREFIGHTERS
3750	.PRT-FIRE INSPECTORS
3800	.PRT-BAILIFFS, CORRECTIONAL OFFICERS, AND JAILERS
3820	.PRT-DETECTIVES AND CRIMINAL INVESTIGATORS
3840	.PRT-MISCELLANEOUS LAW ENFORCEMENT WORKERS
3850	.PRT-POLICE OFFICERS
3900	.PRT-ANIMAL CONTROL WORKERS
3910	.PRT-PRIVATE DETECTIVES AND INVESTIGATORS
3930	.PRT-SECURITY GUARDS AND GAMING SURVEILLANCE OFFICERS
3940	.PRT-CROSSING GUARDS
3945	.PRT-TRANSPORTATION SECURITY SCREENERS
3955	.PRT-LIFEGUARDS AND OTHER RECREATIONAL, AND ALL OTHER PROTECTIVE SERVICE WORKERS
4000	.EAT-CHEFS AND HEAD COOKS
4010	.EAT-FIRST-LINE SUPERVISORS OF FOOD PREPARATION AND SERVING WORKERS
4020	.EAT-COOKS
4030	.EAT-FOOD PREPARATION WORKERS
4040	.EAT-BARTENDERS
4050	.EAT-COMBINED FOOD PREPARATION AND SERVING WORKERS, INCLUDING FAST FOOD
4060	.EAT-COUNTER ATTENDANTS, CAFETERIA, FOOD CONCESSION, AND COFFEE SHOP
4110	.EAT-WAITERS AND WAITRESSES
4120	.EAT-FOOD SERVERS, NONRESTAURANT
4130	.EAT-MISCELLANEOUS FOOD PREPARATION AND SERVING RELATED WORKERS, INCLUDING DINING ROOM AND CAFETERIA ATTENDANTS AND BARTENDER HELPERS
4140	.EAT-DISHWASHERS
4150	.EAT-HOSTS AND HOSTESSES, RESTAURANT, LOUNGE, AND COFFEE SHOP
4200	.CLN-FIRST-LINE SUPERVISORS OF HOUSEKEEPING AND JANITORIAL WORKERS
4210	.CLN-FIRST-LINE SUPERVISORS OF LANDSCAPING, LAWN SERVICE, AND GROUNDSKEEPING WORKERS
4220	.CLN-JANITORS AND BUILDING CLEANERS
4230	.CLN-MAIDS AND HOUSEKEEPING CLEANERS
4240	.CLN-PEST CONTROL WORKERS
4250	.CLN-GROUNDS MAINTENANCE WORKERS
4300	.PRS-FIRST-LINE SUPERVISORS OF GAMING WORKERS
4320	.PRS-FIRST-LINE SUPERVISORS OF PERSONAL SERVICE WORKERS
4340	.PRS-ANIMAL TRAINERS
4350	.PRS-NONFARM ANIMAL CARETAKERS
4400	.PRS-GAMING SERVICES WORKERS

Value	Meaning
4410	.PRS-MOTION PICTURE PROJECTIONISTS
4420	.PRS-USHERS, LOBBY ATTENDANTS, AND TICKET TAKERS
4430	.PRS-MISCELLANEOUS ENTERTAINMENT ATTENDANTS AND RELATED WORKERS
4460	.PRS-EMBALMERS AND FUNERAL ATTENDANTS
4465	.PRS-MORTICIANS, UNDERTAKERS, AND FUNERAL DIRECTORS
4500	.PRS-BARBERS
4510	.PRS-HAIRDRESSERS, HAIRSTYLISTS, AND COSMETOLOGISTS
4520	.PRS-MISCELLANEOUS PERSONAL APPEARANCE WORKERS
4530	.PRS-BAGGAGE PORTERS, BELLHOPS, AND CONCIERGES
4540	.PRS-TOUR AND TRAVEL GUIDES
4600	.PRS-CHILDCARE WORKERS
4610	.PRS-PERSONAL CARE AIDES
4620	.PRS-RECREATION AND FITNESS WORKERS
4640	.PRS-RESIDENTIAL ADVISORS
4650	.PRS-PERSONAL CARE AND SERVICE WORKERS, ALL OTHER
4700	.SAL-FIRST-LINE SUPERVISORS OF RETAIL SALES WORKERS
4710	.SAL-FIRST-LINE SUPERVISORS OF NON-RETAIL SALES WORKERS
4720	.SAL-CASHIERS
4740	.SAL-COUNTER AND RENTAL CLERKS
4750	.SAL-PARTS SALESPERSONS
4760	.SAL-RETAIL SALESPERSONS
4800	.SAL-ADVERTISING SALES AGENTS
4810	.SAL-INSURANCE SALES AGENTS
4820	.SAL-SECURITIES, COMMODITIES, AND FINANCIAL SERVICES SALES AGENTS
4830	.SAL-TRAVEL AGENTS
4840	.SAL-SALES REPRESENTATIVES, SERVICES, ALL OTHER
4850	.SAL-SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING
4900	.SAL-MODELS, DEMONSTRATORS, AND PRODUCT PROMOTERS
4920	.SAL-REAL ESTATE BROKERS AND SALES AGENTS
4930	.SAL-SALES ENGINEERS
4940	.SAL-TELEMARKETERS
4950	.SAL-DOOR-TO-DOOR SALES WORKERS, NEWS AND STREET VENDORS, AND RELATED WORKERS
4965	.SAL-SALES AND RELATED WORKERS, ALL OTHER
5000	.OFF-FIRST-LINE SUPERVISORS OF OFFICE AND ADMINISTRATIVE SUPPORT WORKERS
5010	.OFF-SWITCHBOARD OPERATORS, INCLUDING ANSWERING SERVICE
5020	.OFF-TELEPHONE OPERATORS
5030	.OFF-COMMUNICATIONS EQUIPMENT OPERATORS, ALL OTHER
5100	.OFF-BILL AND ACCOUNT COLLECTORS
5110	.OFF-BILLING AND POSTING CLERKS

Value	Meaning
5120	.OFF-BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS
5130	.OFF-GAMING CAGE WORKERS
5140	.OFF-PAYROLL AND TIMEKEEPING CLERKS
5150	.OFF-PROCUREMENT CLERKS
5160	.OFF-TELLERS
5165	.OFF-FINANCIAL CLERKS, ALL OTHER
5200	.OFF-BROKERAGE CLERKS
5220	.OFF-COURT, MUNICIPAL, AND LICENSE CLERKS
5230	.OFF-CREDIT AUTHORIZERS, CHECKERS, AND CLERKS
5240	.OFF-CUSTOMER SERVICE REPRESENTATIVES
5250	.OFF-ELIGIBILITY INTERVIEWERS, GOVERNMENT PROGRAMS
5260	.OFF-FILE CLERKS
5300	.OFF-HOTEL, MOTEL, AND RESORT DESK CLERKS
5310	.OFF-INTERVIEWERS, EXCEPT ELIGIBILITY AND LOAN
5320	.OFF-LIBRARY ASSISTANTS, CLERICAL
5330	.OFF-LOAN INTERVIEWERS AND CLERKS
5340	.OFF-NEW ACCOUNTS CLERKS
5350	.OFF-CORRESPONDENCE CLERKS AND ORDER CLERKS
5360	.OFF-HUMAN RESOURCES ASSISTANTS, EXCEPT PAYROLL AND TIMEKEEPING
5400	.OFF-RECEPTIONISTS AND INFORMATION CLERKS
5410	.OFF-RESERVATION AND TRANSPORTATION TICKET AGENTS AND TRAVEL CLERKS
5420	.OFF-INFORMATION AND RECORD CLERKS, ALL OTHER
5500	.OFF-CARGO AND FREIGHT AGENTS
5510	.OFF-COURIERS AND MESSENGERS
5520	.OFF-DISPATCHERS
5530	.OFF-METER READERS, UTILITIES
5540	.OFF-POSTAL SERVICE CLERKS
5550	.OFF-POSTAL SERVICE MAIL CARRIERS
5560	.OFF-POSTAL SERVICE MAIL SORTERS, PROCESSORS, AND PROCESSING MACHINE OPERATORS
5600	.OFF-PRODUCTION, PLANNING, AND EXPEDITING CLERKS
5610	.OFF-SHIPPING, RECEIVING, AND TRAFFIC CLERKS
5620	.OFF-STOCK CLERKS AND ORDER FILLERS
5630	.OFF-WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING
5700	.OFF-SECRETARIES AND ADMINISTRATIVE ASSISTANTS
5800	.OFF-COMPUTER OPERATORS
5810	.OFF-DATA ENTRY KEYERS
5820	.OFF-WORD PROCESSORS AND TYPISTS
5840	.OFF-INSURANCE CLAIMS AND POLICY PROCESSING CLERKS
5850	.OFF-MAIL CLERKS AND MAIL MACHINE OPERATORS, EXCEPT POSTAL SERVICE

Value	Meaning
5860	.OFF-OFFICE CLERKS, GENERAL
5900	.OFF-OFFICE MACHINE OPERATORS, EXCEPT COMPUTER
5910	.OFF-PROOFREADERS AND COPY MARKERS
5920	.OFF-STATISTICAL ASSISTANTS
5940	.OFF-MISCELLANEOUS OFFICE AND ADMINISTRATIVE SUPPORT WORKERS, INCLUDING DESKTOP PUBLISHERS
6005	.FFF-FIRST-LINE SUPERVISORS OF FARMING, FISHING, AND FORESTRY WORKERS
6010	.FFF-AGRICULTURAL INSPECTORS
6040	.FFF-GRADERS AND SORTERS, AGRICULTURAL PRODUCTS
6050	.FFF-MISCELLANEOUS AGRICULTURAL WORKERS, INCLUDING ANIMAL BREEDERS
6100	.FFF-FISHING AND HUNTING WORKERS
6120	.FFF-FOREST AND CONSERVATION WORKERS
6130	.FFF-LOGGING WORKERS
6200	.CON-FIRST-LINE SUPERVISORS OF CONSTRUCTION TRADES AND EXTRACTION WORKERS
6210	.CON-BOILERMAKERS
6220	.CON-BRICKMASONS, BLOCKMASONS, AND STONEMASONS
6230	.CON-CARPENTERS
6240	.CON-CARPET, FLOOR, AND TILE INSTALLERS AND FINISHERS
6250	.CON-CEMENT MASONS, CONCRETE FINISHERS, AND TERRAZZO WORKERS
6260	.CON-CONSTRUCTION LABORERS
6300	.CON-PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS
6320	.CON-CONSTRUCTION EQUIPMENT OPERATORS, EXCEPT PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS
6330	.CON-DRYWALL INSTALLERS, CEILING TILE INSTALLERS, AND TAPERS
6355	.CON-ELECTRICIANS
6360	.CON-GLAZIERS
6400	.CON-INSULATION WORKERS
6420	.CON-PAINTERS, CONSTRUCTION AND MAINTENANCE
6430	.CON-PAPERHANGERS
6440	.CON-PIPELAYERS, PLUMBERS, PIPEFITTERS, AND STEAMFITTERS
6460	.CON-PLASTERERS AND STUCCO MASONS
6500	.CON-REINFORCING IRON AND REBAR WORKERS
6515	.CON-ROOFERS
6520	.CON-SHEET METAL WORKERS
6530	.CON-STRUCTURAL IRON AND STEEL WORKERS
6600	.CON-HELPERS, CONSTRUCTION TRADES
6660	.CON-CONSTRUCTION AND BUILDING INSPECTORS
6700	.CON-ELEVATOR INSTALLERS AND REPAIRERS
6710	.CON-FENCE ERECTORS
6720	.CON-HAZARDOUS MATERIALS REMOVAL WORKERS
6730	.CON-HIGHWAY MAINTENANCE WORKERS

Value	Meaning
6740	.CON-RAIL-TRACK LAYING AND MAINTENANCE EQUIPMENT OPERATORS
6765	.CON-MISCELLANEOUS CONSTRUCTION WORKERS, INCLUDING SOLAR PHOTOVOLTAIC INSTALLERS, AND SEPTIC TANK SERVICERS AND SEWER PIPE CLEANERS
6800	.EXT-DERRICK, ROTARY DRILL, AND SERVICE UNIT OPERATORS, AND ROUSTABOUTS, OIL, GAS, AND MINING
6820	.EXT-EARTH DRILLERS, EXCEPT OIL AND GAS
6830	.EXT-EXPLOSIVES WORKERS, ORDNANCE HANDLING EXPERTS, AND BLASTERS
6840	.EXT-MINING MACHINE OPERATORS
6940	.EXT-MISCELLANEOUS EXTRACTION WORKERS, INCLUDING ROOF BOLTERS AND HELPERS
7000	.RPR-FIRST-LINE SUPERVISORS OF MECHANICS, INSTALLERS, AND REPAIRERS
7010	.RPR-COMPUTER, AUTOMATED TELLER, AND OFFICE MACHINE REPAIRERS
7020	.RPR-RADIO AND TELECOMMUNICATIONS EQUIPMENT INSTALLERS AND REPAIRERS
7030	.RPR-AVIONICS TECHNICIANS
7040	.RPR-ELECTRIC MOTOR, POWER TOOL, AND RELATED REPAIRERS
7100	.RPR-ELECTRICAL AND ELECTRONICS REPAIRERS, TRANSPORTATION EQUIPMENT, AND INDUSTRIAL AND UTILITY
7110	.RPR-ELECTRONIC EQUIPMENT INSTALLERS AND REPAIRERS, MOTOR VEHICLES
7120	.RPR-ELECTRONIC HOME ENTERTAINMENT EQUIPMENT INSTALLERS AND REPAIRERS
7130	.RPR-SECURITY AND FIRE ALARM SYSTEMS INSTALLERS
7140	.RPR-AIRCRAFT MECHANICS AND SERVICE TECHNICIANS
7150	.RPR-AUTOMOTIVE BODY AND RELATED REPAIRERS
7160	.RPR-AUTOMOTIVE GLASS INSTALLERS AND REPAIRERS
7200	.RPR-AUTOMOTIVE SERVICE TECHNICIANS AND MECHANICS
7210	.RPR-BUS AND TRUCK MECHANICS AND DIESEL ENGINE SPECIALISTS
7220	.RPR-HEAVY VEHICLE AND MOBILE EQUIPMENT SERVICE TECHNICIANS AND MECHANICS
7240	.RPR-SMALL ENGINE MECHANICS
7260	.RPR-MISCELLANEOUS VEHICLE AND MOBILE EQUIPMENT MECHANICS, INSTALLERS, AND REPAIRERS
7300	.RPR-CONTROL AND VALVE INSTALLERS AND REPAIRERS
7315	.RPR-HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS
7320	.RPR-HOME APPLIANCE REPAIRERS
7330	.RPR-INDUSTRIAL AND REFRACTORY MACHINERY MECHANICS
7340	.RPR-MAINTENANCE AND REPAIR WORKERS, GENERAL
7350	.RPR-MAINTENANCE WORKERS, MACHINERY
7360	.RPR-MILLWRIGHTS
7410	.RPR-ELECTRICAL POWER-LINE INSTALLERS AND REPAIRERS
7420	.RPR-TELECOMMUNICATIONS LINE INSTALLERS AND REPAIRERS
7430	.RPR-PRECISION INSTRUMENT AND EQUIPMENT REPAIRERS
7510	.RPR-COIN, VENDING, AND AMUSEMENT MACHINE SERVICERS AND REPAIRERS
7540	.RPR-LOCKSMITHS AND SAFE REPAIRERS
7550	.RPR-MANUFACTURED BUILDING AND MOBILE HOME INSTALLERS
7560	.RPR-RIGGERS
7610	.RPR-HELPERS--INSTALLATION, MAINTENANCE, AND REPAIR WORKERS

Value	Meaning
7630	.RPR-OTHER INSTALLATION, MAINTENANCE, AND REPAIR WORKERS, INCLUDING WIND TURBINE SURVICE TECHNICIANS, AND COMMERCIAL DIVERS, AND SIGNAL AND TRACK SWITCH REPAIRERS
7700	.PRD-FIRST-LINE SUPERVISORS OF PRODUCTION AND OPERATING WORKERS
7710	.PRD-AIRCRAFT STRUCTURE, SURFACES, RIGGING, AND SYSTEMS ASSEMBLERS
7720	.PRD-ELECTRICAL, ELECTRONICS, AND ELECTROMECHANICAL ASSEMBLERS
7730	.PRD-ENGINE AND OTHER MACHINE ASSEMBLERS
7740	.PRD-STRUCTURAL METAL FABRICATORS AND FITTERS
7750	.PRD-MISCELLANEOUS ASSEMBLERS AND FABRICATORS
7800	.PRD-BAKERS
7810	.PRD-BUTCHERS AND OTHER MEAT, POULTRY, AND FISH PROCESSING WORKERS
7830	.PRD-FOOD AND TOBACCO ROASTING, BAKING, AND DRYING MACHINE OPERATORS AND TENDERS
7840	.PRD-FOOD BATCHMAKERS
7850	.PRD-FOOD COOKING MACHINE OPERATORS AND TENDERS
7855	.PRD-FOOD PROCESSING WORKERS, ALL OTHER
7900	.PRD-COMPUTER CONTROL PROGRAMMERS AND OPERATORS
7920	.PRD-EXTRUDING AND DRAWING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
7930	.PRD-FORGING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
7940	.PRD-ROLLING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
7950	.PRD-CUTTING, PUNCHING, AND PRESS MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
7960	.PRD-DRILLING AND BORING MACHINE TOOL SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
8000	.PRD-GRINDING, LAPPING, POLISHING, AND BUFFING MACHINE TOOL SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
8010	.PRD-LATHE AND TURNING MACHINE TOOL SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
8030	.PRD-MACHINISTS
8040	.PRD-METAL FURNACE OPERATORS, TENDERS, POURERS, AND CASTERS
8060	.PRD-MODEL MAKERS AND PATTERNMAKERS, METAL AND PLASTIC
8100	.PRD-MOLDERS AND MOLDING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
8130	.PRD-TOOL AND DIE MAKERS
8140	.PRD-WELDING, SOLDERING, AND BRAZING WORKERS
8150	.PRD-HEAT TREATING EQUIPMENT SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
8200	.PRD-PLATING AND COATING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC
8210	.PRD-TOOL GRINDERS, FILERS, AND SHARPENERS
8220	.PRD-MISCELLANEOUS METAL WORKERS AND PLASTIC WORKERS, INCLUDING MILLING AND PLANING MACHINE SETTERS, AND MULTIPLE MACHINE TOOL SETTERS, AND LAYOUT WORKERS
8250	.PRD-PREPRESS TECHNICIANS AND WORKERS
8255	.PRD-PRINTING PRESS OPERATORS
8256	.PRD-PRINT BINDING AND FINISHING WORKERS
8300	.PRD-LAUNDRY AND DRY-CLEANING WORKERS
8310	.PRD-PRESSERS, TEXTILE, GARMENT, AND RELATED MATERIALS
8320	.PRD-SEWING MACHINE OPERATORS
8330	.PRD-SHOE AND LEATHER WORKERS AND REPAIRERS
8340	.PRD-SHOE MACHINE OPERATORS AND TENDERS

Value	Meaning
8350	.PRD-TAILORS, DRESSMAKERS, AND SEWERS
8400	.PRD-TEXTILE BLEACHING AND DYEING, AND CUTTING MACHINE SETTERS, OPERATORS, AND TENDERS
8410	.PRD-TEXTILE KNITTING AND WEAVING MACHINE SETTERS, OPERATORS, AND TENDERS
8420	.PRD-TEXTILE WINDING, TWISTING, AND DRAWING OUT MACHINE SETTERS, OPERATORS, AND TENDERS
8450	.PRD-UPHOLSTERERS
8460	.PRD-MISCELLANEOUS TEXTILE, APPAREL, AND FURNISHINGS WORKERS, EXCEPT UPHOLSTERERS
8500	.PRD-CABINETMAKERS AND BENCH CARPENTERS
8510	.PRD-FURNITURE FINISHERS
8530	.PRD-SAWING MACHINE SETTERS, OPERATORS, AND TENDERS, WOOD
8540	.PRD-WOODWORKING MACHINE SETTERS, OPERATORS, AND TENDERS, EXCEPT SAWING
8550	.PRD-MISCELLANEOUS WOODWORKERS, INCLUDING MODEL MAKERS AND PATTERNMAKERS
8600	.PRD-POWER PLANT OPERATORS, DISTRIBUTORS, AND DISPATCHERS
8610	.PRD-STATIONARY ENGINEERS AND BOILER OPERATORS
8620	.PRD-WATER AND WASTEWATER TREATMENT PLANT AND SYSTEM OPERATORS
8630	.PRD-MISCELLANEOUS PLANT AND SYSTEM OPERATORS
8640	.PRD-CHEMICAL PROCESSING MACHINE SETTERS, OPERATORS, AND TENDERS
8650	.PRD-CRUSHING, GRINDING, POLISHING, MIXING, AND BLENDING WORKERS
8710	.PRD-CUTTING WORKERS
8720	.PRD-EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE SETTERS, OPERATORS, AND TENDERS
8730	.PRD-FURNACE, KILN, OVEN, DRIER, AND KETTLE OPERATORS AND TENDERS
8740	.PRD-INSPECTORS, TESTERS, SORTERS, SAMPLERS, AND WEIGHERS
8750	.PRD-JEWELERS AND PRECIOUS STONE AND METAL WORKERS
8760	.PRD-MEDICAL, DENTAL, AND OPHTHALMIC LABORATORY TECHNICIANS
8800	.PRD-PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS
8810	.PRD-PAINTING WORKERS
8830	.PRD-PHOTOGRAPHIC PROCESS WORKERS AND PROCESSING MACHINE OPERATORS
8850	.PRD-ADHESIVE BONDING MACHINE OPERATORS AND TENDERS
8860	.PRD-CLEANING, WASHING, AND METAL PICKLING EQUIPMENT OPERATORS AND TENDERS
8910	.PRD-ETCHERS AND ENGRAVERS
8920	.PRD-MOLDERS, SHAPERS, AND CASTERS, EXCEPT METAL AND PLASTIC
8930	.PRD-PAPER GOODS MACHINE SETTERS, OPERATORS, AND TENDERS
8940	.PRD-TIRE BUILDERS
8950	.PRD-HELPERS-PRODUCTION WORKERS
8965	.PRD-OTHER PRODUCTION WORKERS, INCLUDING SEMICONDUCTOR PROCESSORS AND COOLING AND FREEZING EQUIPMENT OPERATORS
9000	.TRN-SUPERVISORS OF TRANSPORTATION AND MATERIAL MOVING WORKERS
9030	.TRN-AIRCRAFT PILOTS AND FLIGHT ENGINEERS
9040	.TRN-AIR TRAFFIC CONTROLLERS AND AIRFIELD OPERATIONS SPECIALISTS
9050	.FLIGHT ATTENDANTS
9110	.TRN-AMBULANCE DRIVERS AND ATTENDANTS, EXCEPT EMERGENCY MEDICAL TECHNICIANS

Value	Meaning
9120	.TRN-BUS DRIVERS
9130	.TRN-DRIVER/SALES WORKERS AND TRUCK DRIVERS
9140	.TRN-TAXI DRIVERS AND CHAUFFEURS
9150	.TRN-MOTOR VEHICLE OPERATORS, ALL OTHER
9200	.TRN-LOCOMOTIVE ENGINEERS AND OPERATORS
9230	.TRN-RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS
9240	.TRN-RAILROAD CONDUCTORS AND YARDMASTERS
9260	.TRN-SUBWAY, STREETCAR, AND OTHER RAIL TRANSPORTATION WORKERS
9300	.TRN-SAILORS AND MARINE OILERS, AND SHIP ENGINEERS
9310	.TRN-SHIP AND BOAT CAPTAINS AND OPERATORS
9350	.TRN-PARKING LOT ATTENDANTS
9360	.TRN-AUTOMOTIVE AND WATERCRAFT SERVICE ATTENDANTS
9410	.TRN-TRANSPORTATION INSPECTORS
9415	.TRN-TRANSPORTATION ATTENDANTS, EXCEPT FLIGHT ATTENDANTS
9420	.TRN-MISCELLANEOUS TRANSPORTATION WORKERS, INCLUDING BRIDGE AND LOCK TENDERS AND TRAFFIC TECHNICIANS
9510	.TRN-CRANE AND TOWER OPERATORS
9520	.TRN-DREDGE, EXCAVATING, AND LOADING MACHINE OPERATORS
9560	.TRN-CONVEYOR OPERATORS AND TENDERS, AND HOIST AND WINCH OPERATORS
9600	.TRN-INDUSTRIAL TRUCK AND TRACTOR OPERATORS
9610	.TRN-CLEANERS OF VEHICLES AND EQUIPMENT
9620	.TRN-LABORERS AND FREIGHT, STOCK, AND MATERIAL MOVERS, HAND
9630	.TRN-MACHINE FEEDERS AND OFFBEARERS
9640	.TRN-PACKERS AND PACKAGERS, HAND
9650	.TRN-PUMPING STATION OPERATORS
9720	.TRN-REFUSE AND RECYCLABLE MATERIAL COLLECTORS
9750	.TRN-MISCELLANEOUS MATERIAL MOVING WORKERS, INCLUDING MINE SHUTTLE CAR OPERATORS, AND TANK CAR, TRUCK, AND SHIP LOADERS
9800	.MIL-MILITARY OFFICER SPECIAL AND TACTICAL OPERATIONS LEADERS
9810	.MIL-FIRST-LINE ENLISTED MILITARY SUPERVISORS
9820	.MIL-MILITARY ENLISTED TACTICAL OPERATIONS AND AIR/WEAPONS SPECIALISTS AND CREW MEMBERS
9830	.MIL-MILITARY, RANK NOT SPECIFIED
9920	.UNEMPLOYED AND LAST WORKED 5 YEARS AGO OR EARLIER OR NEVER WORKED
N.A.	.Code classification is Not Applicable, record in universe