Crosswalk Tables

# ClusterXOcc

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| Occupation codes by Cluster, and the percentage of that occupation code’s employment within each Cluster. |

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| FieldName | FieldType | Constraint | FieldDesc |
| 1. StFips | char(2) | Primary Key 1,2 | State FIPS code. |
| 2. AreaType | char(2) | Primary Key 2 | Code describing type of geographic area: e.g. county, service delivery area, MSA. |
| 3. AreaTypeVersion | char(3) | Primary Key 2 | Code indicating the area type version. Default = 0 |
| 4. Area | char(6) | Primary Key 2 | A 6-digit code assigned to represent a geographic area. Front fill with zeroes. |
| 5. ClusterCode | char(10) | Primary Key 1 | Code assigned to the cluster from the State Units of Analysis. |
| 6. OccCodeType | char(2) | Primary Key | Code describing the occupational code. |
| 7. OccCode | char(10) | Primary Key | The occupational classification code used by the state for this data element. This code could be DOT, OEWS, SOC, Census, etc. For codes not 10 characters long, left justify and blank (ASCII 32) fill. |
| 8. Allocation | numeric(5,2) |  | Percentage of the occupation code's employment that can be attributed to this Cluster. |

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| Constraints |
| 1. Foreign Key (ClusterXOcc.StFips, ClusterXOcc.ClusterCode) references (ClusterCode.StFips, ClusterCode.ClusterCode) 2. Foreign Key (ClusterXOcc.StFips, ClusterXOcc.AreaType, ClusterXOcc.AreaTypeVersion, ClusterXOcc.Area) references (Geographies.StFips, Geographies.AreaType, Geographies.AreaTypeVersion, Geographies.Area) 3. Foreign Key (ClusterXOcc.StFips, ClusterXOcc.OccCodeType, ClusterXOcc.OccCode) references (OccCodes.StFips, OccCodes.CodeType, OccCodes.Code) |

# ClusterXSupply

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| Training program codes and completer types from that training program that have been assigned to a Cluster. |

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| FieldName | FieldType | Constraint | FieldDesc |
| 1. StFips | char(2) | Primary Key 1,2,3,4 | State FIPS code. |
| 2. AreaType | char(2) | Primary Key 3 | Code describing type of geographic area: e.g. county, service delivery area, MSA. |
| 3. AreaTypeVersion | char(3) | Primary Key 3 | Code indicating the area type version. Default = 0 |
| 4. Area | char(6) | Primary Key 3 | A 6-digit code assigned to represent a geographic area. Front fill with zeroes. |
| 5. PeriodYear | char(4) |  | Character representation of the calendar year (e.g. 2006). |
| 6. PeriodType | char(2) | 5 | Code describing type of period (e.g. annual, quarterly, monthly, etc.) |
| 7. Period | char(2) | 5 | Period Code. Will be set to '00' where periodtype is annual. |
| 8. ClusterCode | char(10) | Primary Key 1 | Code assigned to the cluster from the State Units of Analysis. |
| 9. CodeType | char(2) | Primary Key 4 | Code describing the type of occupation or training code. |
| 10. Code | char(10) | Primary Key 1,4 | The classification code used by the state for this data element. This code could be DOT, OEWS, CIP, Cluster, SOC, Census, etc. For codes not 10 characters long, left justify and blank (ASCII 32) fill. |
| 11. CompleterType | char(2) | Primary Key 2 | A 2-digit code representing the type of program completer. |

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| Constraints |
| 1. Foreign Key (ClusterXSupply.StFips, ClusterXSupply.ClusterCode) references (ClusterCode.StFips, ClusterCode.ClusterCode) 2. Foreign Key (ClusterXSupply.StFips, ClusterXSupply.CompleterType) references (CompleterType.StFips, CompleterType.CompleterType) 3. Foreign Key (ClusterXSupply.StFips, ClusterXSupply.AreaType, ClusterXSupply.AreaTypeVersion, ClusterXSupply.Area) references (Geographies.StFips, Geographies.AreaType, Geographies.AreaTypeVersion, Geographies.Area) 4. Foreign Key (ClusterXSupply.StFips, ClusterXSupply.CodeType, ClusterXSupply.Code) references (OccCodes.StFips, OccCodes.CodeType, OccCodes.Code) 5. Foreign Key (ClusterXSupply.PeriodType, ClusterXSupply.Period) references (Periods.PeriodType, Periods.Period) 6. Foreign Key (ClusterXSupply.PeriodYear) references (PeriodYears.PeriodYear) |

# IndustryXIndustry

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| Table mapping indcodes and codetypes to related indcodes and codetypes |

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| FieldName | FieldType | Constraint | FieldDesc |
| 1. StFips | char(2) | Primary Key 1 | State FIPS code |
| 2. CodeType | char(2) | Primary Key 1 | Code describing the type of industry classification code. |
| 3. Code | char(6) | Primary Key 1 | The classification codes used by the state for this data element. This could be SIC, NAICS, or other industry code. |
| 4. CodeType2 | char(2) | Primary Key | Code describing the type of industry classification code. |
| 5. Code2 | char(6) | Primary Key | The classification codes used by the state for this data element. This could be SIC, NAICS, or other industry code. |

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| Constraints |
| 1. Foreign Key (IndustryXIndustry.StFips, IndustryXIndustry.CodeType, IndustryXIndustry.Code) references (IndustryCodes.StFips, IndustryCodes.CodeType, IndustryCodes.Code) 2. Foreign Key (IndustryXIndustry.StFips, IndustryXIndustry.CodeType2, IndustryXIndustry.Code2) references (IndustryCodes.StFips, IndustryCodes.CodeType, IndustryCodes.Code) |

# LayTitleXOcc

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| Table of lay titles and the associated occupation codes. |

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| FieldName | FieldType | Constraint | FieldDesc |
| 1. StFips | char(2) | Primary Key | State FIPS code. |
| 2. OccCodeType | char(2) | Primary Key | Code describing the occupational code. |
| 3. OccCode | char(10) | Primary Key | The occupational classification code used by the state for this data element. This code could be DOT, OEWS, SOC, Census, etc. For codes not 10 characters long, left justify and blank (ASCII 32) fill. |
| 4. LayTitleCode | char(5) | Primary Key 1 | Code associated with a particular lay title. |

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| Constraints |
| 1. Foreign Key (LayTitleXOcc.LayTitleCode) references (LayTitle.LayTitleCode) 2. Foreign Key (LayTitleXOcc.StFips, LayTitleXOcc.OccCodeType, LayTitleXOcc.OccCode) references (OccCodes.StFips, OccCodes.CodeType, OccCodes.Code) |

# LicenseXLicense

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| Table of re-licensing |

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| FieldName | FieldType | Constraint | FieldDesc |
| 1. StFips | char(2) | Primary Key 1 | State FIPS code |
| 2. LicenseID | char(10) | Primary Key 1 | Unique ID for license |
| 3. ReLicenseID | char(10) | Primary Key | Unique ID of the secondary license |

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| Constraints |
| 1. Foreign Key (LicenseXLicense.StFips, LicenseXLicense.LicenseID) references (License.StFips, License.LicenseID) 2. Foreign Key (LicenseXLicense.StFips, LicenseXLicense.ReLicenseID) references (License.StFips, License.LicenseID) |

# LicenseXOcc

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| Table mapping state licenses to associated occupations. |

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| FieldName | FieldType | Constraint | FieldDesc |
| 1. StFips | char(2) | Primary Key 1 | State FIPS code. |
| 2. LicenseID | char(10) | Primary Key 1 | A code that identifies the license for the specific occupational title. |
| 3. OccCodeType | char(2) | Primary Key | Code for Occupation code type. |
| 4. OccCode | char(10) | Primary Key | Occupation code. |

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| Constraints |
| 1. Foreign Key (LicenseXOcc.StFips, LicenseXOcc.LicenseID) references (License.StFips, License.LicenseID) 2. Foreign Key (LicenseXOcc.StFips, LicenseXOcc.OccCodeType, LicenseXOcc.OccCode) references (OccCodes.StFips, OccCodes.CodeType, OccCodes.Code) |

# MatrixXInd

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| This table crosswalks the MicroMatrix industry codes to other industry codes, such as NAICS or SIC. |

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| FieldName | FieldType | Constraint | FieldDesc |
| 1. StFips | char(2) | Primary Key 2 | State FIPS code. |
| 2. MatrixIndCode | char(15) | Primary Key | Industry matrix code from Micro Matrix. |
| 3. PeriodYear | char(4) | Primary Key |  |
| 4. PeriodType | char(2) | Primary Key 3 |  |
| 5. Period | char(2) | Primary Key 3 |  |
| 6. IndCodeType | char(2) | Primary Key 2 | Code describing the type of industry classification code. |
| 7. IndCode | char(6) | Primary Key 2 | The classification code used by the state for this data element. This could be a SIC or NAICS code. |
| 8. SubTotal | char(1) | 1 | Sum level of the information. |

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| Constraints |
| 1. Foreign Key (MatrixXInd.SubTotal) references (IndSubLevels.SubTotal) 2. Foreign Key (MatrixXInd.StFips, MatrixXInd.IndCodeType, MatrixXInd.IndCode) references (IndustryCodes.StFips, IndustryCodes.CodeType, IndustryCodes.Code) 3. Foreign Key (MatrixXInd.PeriodType, MatrixXInd.Period) references (Periods.PeriodType, Periods.Period) 4. Foreign Key (MatrixXInd.PeriodYear) references (PeriodYears.PeriodYear) |

# MatrixXOcc

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| This table crosswalks MicroMatrix occupation codes to other occuptation codes, such as SOC or OES. |

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| FieldName | FieldType | Constraint | FieldDesc |
| 1. StFips | char(2) | Primary Key 1 | State FIPS code. |
| 2. MatrixOccCode | char(15) | Primary Key | Occupation matrix code from Micro Matrix. For codes not 10 characters long, left justify and blank (ASCII 32) fill. |
| 3. PeriodYear | char(4) | Primary Key |  |
| 4. PeriodType | char(2) | Primary Key 3 |  |
| 5. Period | char(2) | Primary Key 3 |  |
| 6. OccCodeType | char(2) | Primary Key 1 | Code describing the type of occupation or training classification code. |
| 7. OccCode | char(10) | Primary Key 1 | The classification code used by the state for this data element. |
| 8. SubTotal | char(1) | 2 | Sum level of the information. |

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| Constraints |
| 1. Foreign Key (MatrixXOcc.StFips, MatrixXOcc.OccCodeType, MatrixXOcc.OccCode) references (OccCodes.StFips, OccCodes.CodeType, OccCodes.Code) 2. Foreign Key (MatrixXOcc.SubTotal) references (OccSubLevels.SubTotal) 3. Foreign Key (MatrixXOcc.PeriodType, MatrixXOcc.Period) references (Periods.PeriodType, Periods.Period) 4. Foreign Key (MatrixXOcc.PeriodYear) references (PeriodYears.PeriodYear) |

# OccXOcc

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| Table mapping occupation codes and codetypes to related occupation codes and codetypes |

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| --- | --- | --- | --- |
| FieldName | FieldType | Constraint | FieldDesc |
| 1. StFips | char(2) | Primary Key 1 | State FIPS code |
| 2. CodeType | char(2) | Primary Key 1 | Code describing the type of occupation or training classification code. |
| 3. Code | char(10) | Primary Key 1 | The classification code used by the state for this data element. This code could be a CIP, DOT, SOC, or other occupational code. |
| 4. CodeType2 | char(2) | Primary Key | Code describing the type of occupation or training classification code. |
| 5. Code2 | char(10) | Primary Key | The classification code used by the state for this data element. This code could be a CIP, DOT, SOC, or other occupational code. |

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| Constraints |
| 1. Foreign Key (OccXOcc.StFips, OccXOcc.CodeType, OccXOcc.Code) references (OccCodes.StFips, OccCodes.CodeType, OccCodes.Code) 2. Foreign Key (OccXOcc.StFips, OccXOcc.CodeType2, OccXOcc.Code2) references (OccCodes.StFips, OccCodes.CodeType, OccCodes.Code) |