**Attachment J**

**OSH Program Survey Sampling Strategy**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Firm Numbers Derived From Ohio Census Data Assuming Differential Sampling** | | | | | | |
|  |  |  | Firm Size | |  |  |
| **Industry code** | **Industry code description** | <20 | 20-99 | 100-499 | 500+ | Total |
| 44---- | Retail Trade | 6767 | 976 | 111 | 10 | 7864 |
| 441 | Motor Vehicle and Parts Dealers | 763 | 180 | 8 | 0 | 951 |
| 442 | Furniture and Home Furnishings Stores | 373 | 43 | 0 | 0 | 417 |
| 443 | Electronics and Appliance Stores | 331 | 24 | 3 | 0 | 358 |
| 444 | Building Material and Garden Equipment and Supplies Dealers | 595 | 62 | 14 | 0 | 671 |
| 445 | Food and Beverage Stores | 895 | 133 | 31 | 0 | 1060 |
| 446 | Health and Personal Care Stores | 512 | 138 | 4 | 0 | 653 |
| 447 | Gasoline Stations | 760 | 49 | 1 | 0 | 810 |
| 448 | Clothing and Clothing Accessories Stores | 821 | 121 | 1 | 0 | 943 |
| 451 | Sporting Goods, Hobby, Book, and Music Stores | 351 | 62 | 1 | 0 | 414 |
| 452 | General Merchandise Stores | 277 | 61 | 43 | 1 | 382 |
| 453 | Miscellaneous Store Retailers | 820 | 69 | 1 | 0 | 890 |
| 454 | Nonstore Retailers | 268 | 33 | 4 | 9 | 315 |
|  |  | 6767 | 976 | 111 | 10 | 7864 |
|  |  |  |  |  |  |  |
| Industry code | Industry code description |  |  |  |  |  |
| 42---- | Wholesale Trade | 2561 | 449 | 32 | 22 | 3065 |
| 423 | Merchant Wholesalers, Durable Goods | 1567 | 305 | 18 | 10 | 1900 |
| 424 | Merchant Wholesalers, Nondurable Goods | 605 | 133 | 14 | 9 | 761 |
| 425 | Wholesale Electronic Markets and Agents and Brokers | 388 | 11 | 1 | 3 | 403 |
|  |  | 2561 | 449 | 32 | 22 | 3065 |
| For <20 and 20-99 we propose to randomly sample 20% of firms, for firms from 100-499 we propose to randomly sample 10% of firms and for firms >500 we will do a full enumeration | | | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Estimated Firm Participation Numbers By Firm Size** | | | | | | |
|  |  |  | Firm Size | |  |  |
| **Industry code** | **Industry code description** | <20 | 20-99 | 100-499 | 500+ | Total |
| 44---- | Retail Trade | 2707 | 391 | 77 | 7 | 2707 |
| 441 | Motor Vehicle and Parts Dealers | 305 | 72 | 5 | 0 | 305 |
| 442 | Furniture and Home Furnishings Stores | 149 | 17 | 0 | 0 | 149 |
| 443 | Electronics and Appliance Stores | 132 | 10 | 2 | 0 | 132 |
| 444 | Building Material and Garden Equipment and Supplies Dealers | 238 | 25 | 10 | 0 | 238 |
| 445 | Food and Beverage Stores | 358 | 53 | 22 | 0 | 358 |
| 446 | Health and Personal Care Stores | 205 | 55 | 2 | 0 | 205 |
| 447 | Gasoline Stations | 304 | 20 | 0 | 0 | 304 |
| 448 | Clothing and Clothing Accessories Stores | 329 | 48 | 1 | 0 | 329 |
| 451 | Sporting Goods, Hobby, Book, and Music Stores | 140 | 25 | 1 | 0 | 140 |
| 452 | General Merchandise Stores | 111 | 25 | 30 | 1 | 111 |
| 453 | Miscellaneous Store Retailers | 328 | 28 | 0 | 0 | 328 |
| 454 | Nonstore Retailers | 107 | 13 | 3 | 6 | 107 |
|  |  | 2707 | 391 | 77 | 7 | 2707 |
|  |  |  |  |  |  |  |
| Industry code | Industry code description |  |  |  |  |  |
| 42---- | Wholesale Trade | 1024 | 180 | 23 | 15 | 1024 |
| 423 | Merchant Wholesalers, Durable Goods | 627 | 122 | 12 | 7 | 627 |
| 424 | Merchant Wholesalers, Nondurable Goods | 242 | 53 | 10 | 6 | 242 |
| 425 | Wholesale Electronic Markets and Agents and Brokers | 155 | 4 | 1 | 2 | 155 |
|  |  | 1024 | 180 | 23 | 15 | 1024 |
| For <20 and 20-99 we assume a 40% participation rate. For firms with 100-499 and 500+ employees we expect a 70% response rate. | | | | | | |