

| 2002 NEI NH3 Nonpoint (Area) Source Emissions | | | | | | |
|---|------------------------------------|--|--|-----|-----------|-----------|
| | | | | | TPY | % of Area |
| Miscellaneous Area Sources | Agriculture Production - Crops | Fertilizer Application | Urea | NH3 | 17007.612 | 15.81% |
| Miscellaneous Area Sources | Agriculture Production - Crops | Fertilizer Application | Nitrogen Solutions | NH3 | 16347.863 | 15.20% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Poultry production - layers with dry manure manage | Confinement | NH3 | 11165.056 | 10.38% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Poultry Waste Emissions | Not Elsewhere Classified (see also 28-05-007, -008 | NH3 | 9719.376 | 9.03% |
| Waste Disposal, Treatment, and Recovery | Wastewater Treatment | Public Owned | Total Processed | NH3 | 5193.333 | 4.83% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Dairy cattle - scrape dairy | Land application of manure | NH3 | 3740.560 | 3.48% |
| Miscellaneous Area Sources | Agriculture Production - Crops | Fertilizer Application | Anhydrous Ammonia | NH3 | 3556.752 | 3.31% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Swine production - deep-pit house operations (unsp | Confinement | NH3 | 3552.580 | 3.30% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Dairy cattle - scrape dairy | Manure handling and storage | NH3 | 3010.126 | 2.80% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Beef cattle - finishing operations on feedlots (d | Confinement | NH3 | 2763.597 | 2.57% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Beef cattle - finishing operations on pasture/ran | Confinement | NH3 | 2690.811 | 2.50% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Dairy cattle - scrape dairy | Confinement | NH3 | 2223.712 | 2.07% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Beef cattle - finishing operations on feedlots (d | Land application of manure | NH3 | 2209.570 | 2.05% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Swine production - operations with lagoons (unspec | Manure handling and storage | NH3 | 2024.267 | 1.88% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Dairy cattle - drylot/pasture dairy | Land application of manure | NH3 | 2016.698 | 1.87% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Horses and Ponies Waste Emissions | Not Elsewhere Classified | NH3 | 1813.295 | 1.69% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Swine production - deep-pit house operations (unsp | Land application of manure | NH3 | 1546.265 | 1.44% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Dairy cattle - drylot/pasture dairy | Confinement | NH3 | 1511.928 | 1.41% |
| Miscellaneous Area Sources | Agriculture Production - Crops | Fertilizer Application | Diammonium Phosphate | NH3 | 1449.099 | 1.35% |
| Stationary Source Fuel Combustion | Residential | Wood | Total: Woodstoves and Fireplaces | NH3 | 1442.429 | 1.34% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Swine production - operations with lagoons (unspec | Confinement | NH3 | 1094.381 | 1.02% |

| 2002 NEI NH3 Nonpoint (Area) Source Emissions | | | | | | |
|---|------------------------------------|--|---|-----|----------|-----------|
| | | | | | TPY | % of Area |
| Miscellaneous Area Sources | Agriculture Production - Crops | Fertilizer Application | N-P-K (multi-grade nutrient fertilizers) | NH3 | 1056.411 | 0.98% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Poultry production - turkeys | Confinement | NH3 | 862.700 | 0.80% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Poultry production - turkeys | Land application of manure | NH3 | 777.024 | 0.72% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Poultry production - broilers | Confinement | NH3 | 630.758 | 0.59% |
| Miscellaneous Area Sources | Agriculture Production - Crops | Fertilizer Application | Miscellaneous Fertilizers | NH3 | 619.736 | 0.58% |
| Miscellaneous Area Sources | Agriculture Production - Crops | Fertilizer Application | Ammonium Sulfate | NH3 | 611.630 | 0.57% |
| Industrial Processes | Industrial Processes: NEC | Industrial Processes: NEC | Total | NH3 | 569.210 | 0.53% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Sheep and Lambs Waste Emissions | Total | NH3 | 525.734 | 0.49% |
| Miscellaneous Area Sources | Agriculture Production - Crops | Fertilizer Application | Liquid Ammonium Polyphosphate | NH3 | 515.685 | 0.48% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Poultry production - broilers | Land application of manure | NH3 | 515.516 | 0.48% |
| Stationary Source Fuel Combustion | Residential | Natural Gas | Total: All Combustor Types | NH3 | 514.045 | 0.48% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Dairy cattle - flush dairy | Manure handling and storage | NH3 | 466.421 | 0.43% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Poultry production - layers with dry manure manage | Land application of manure | NH3 | 436.944 | 0.41% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Dairy cattle composite | Not Elsewhere Classified | NH3 | 414.242 | 0.39% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Dairy cattle - deep pit dairy | Confinement | NH3 | 318.600 | 0.30% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Goats Waste Emissions | Not Elsewhere Classified | NH3 | 315.384 | 0.29% |
| Stationary Source Fuel Combustion | Industrial | Natural Gas | Total: Boilers and IC Engines | NH3 | 241.511 | 0.22% |
| Stationary Source Fuel Combustion | Commercial/Institutional | Natural Gas | Total: Boilers and IC Engines | NH3 | 229.214 | 0.21% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Swine production composite | Not Elsewhere Classified (see also 28-05-039, -047) | NH3 | 201.393 | 0.19% |
| Stationary Source Fuel Combustion | Residential | Liquified Petroleum Gas (LPG) | Total: All Combustor Types | NH3 | 192.055 | 0.18% |
| Miscellaneous Area Sources | Agriculture Production - Crops | Fertilizer Application | Monoammonium Phosphate | NH3 | 185.851 | 0.17% |

| 2002 NEI NH3 Nonpoint (Area) Source Emissions | | | | | | |
|---|------------------------------------|---|-------------------------------|-----|---------|-----------|
| | | | | | TPY | % of Area |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Dairy cattle - deep pit dairy | Land application of manure | NH3 | 184.388 | 0.17% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Swine production - operations with lagoons (unspec | Land application of manure | NH3 | 181.556 | 0.17% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Dairy cattle - flush dairy | Confinement | NH3 | 165.669 | 0.15% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Poultry production - turkeys | Manure handling and storage | NH3 | 155.273 | 0.14% |
| Miscellaneous Area Sources | Other Combustion | Prescribed Burning for Forest Management | Total | NH3 | 126.180 | 0.12% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Poultry production - broilers | Manure handling and storage | NH3 | 114.574 | 0.11% |
| Stationary Source Fuel Combustion | Residential | Distillate Oil | Total: All Combustor Types | NH3 | 51.364 | 0.05% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Dairy cattle - flush dairy | Land application of manure | NH3 | 46.979 | 0.04% |
| Miscellaneous Area Sources | Agriculture Production - Crops | Fertilizer Application | Ammonium Nitrate | NH3 | 38.280 | 0.04% |
| Stationary Source Fuel Combustion | Industrial | Distillate Oil | Total: Boilers and IC Engines | NH3 | 37.131 | 0.03% |
| Stationary Source Fuel Combustion | Commercial/Institutional | Distillate Oil | Total: Boilers and IC Engines | NH3 | 31.578 | 0.03% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Poultry Waste Emissions | Ducks | NH3 | 30.334 | 0.03% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Swine production - outdoor operations (unspecified) | Confinement | NH3 | 29.883 | 0.03% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Dairy cattle - drylot/pasture dairy | Manure handling and storage | NH3 | 29.347 | 0.03% |
| Miscellaneous Area Sources | Agriculture Production - Crops | Fertilizer Application | Ammonium Thiosulfate | NH3 | 17.149 | 0.02% |

| 2002 NEI NH3 Nonpoint (Area) Source Emissions | | | | | | |
|---|------------------------------------|--|-----------------------------|------------|------------|-----------|
| | | | | | TPY | % of Area |
| Stationary Source Fuel Combustion | Industrial | Residual Oil | Total: All Boiler Types | NH3 | 17.074 | 0.02% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Dairy cattle - deep pit dairy | Manure handling and storage | NH3 | 14.876 | 0.01% |
| Miscellaneous Area Sources | Other Combustion | Forest Wildfires | Total | NH3 | 14.054 | 0.01% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Beef cattle production composite | Not Elsewhere Classified | NH3 | 6.336 | 0.01% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Poultry Waste Emissions | Geese | NH3 | 4.466 | 0.00% |
| Stationary Source Fuel Combustion | Industrial | Kerosene | Total: All Boiler Types | NH3 | 3.302 | 0.00% |
| Stationary Source Fuel Combustion | Commercial/Institutional | Kerosene | Total: All Combustor Types | NH3 | 2.373 | 0.00% |
| Stationary Source Fuel Combustion | Commercial/Institutional | Bituminous/Subbituminous Coal | Total: All Boiler Types | NH3 | 1.447 | 0.00% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Beef cattle - finishing operations on feedlots (d | Manure handling and storage | NH3 | 1.105 | 0.00% |
| Stationary Source Fuel Combustion | Commercial/Institutional | Liquified Petroleum Gas (LPG) | Total: All Combustor Types | NH3 | 0.681 | 0.00% |
| Miscellaneous Area Sources | Agriculture Production - Crops | Fertilizer Application | Calcium Ammonium Nitrate | NH3 | 0.064 | 0.00% |
| Stationary Source Fuel Combustion | Commercial/Institutional | Anthracite Coal | Total: All Boiler Types | NH3 | 0.032 | 0.00% |
| Stationary Source Fuel Combustion | Residential | Anthracite Coal | Total: All Combustor Types | NH3 | 0.007 | 0.00% |
| Miscellaneous Area Sources | Agriculture Production - Crops | Fertilizer Application | Potassium Nitrate | NH3 | 0.004 | 0.00% |
| Stationary Source Fuel Combustion | Industrial | Anthracite Coal | Total: All Boiler Types | NH3 | 0.000 | 0.00% |
| Stationary Source Fuel Combustion | Industrial | Bituminous/Subbituminous Coal | Total: All Boiler Types | NH3 | 0.000 | 0.00% |
| Miscellaneous Area Sources | Agriculture Production - Crops | Fertilizer Application | Aqueous Ammonia | NH3 | 0.000 | 0.00% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Poultry production - layers with wet manure manage | Confinement | NH3 | 0.000 | 0.00% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Poultry production - layers with wet manure manage | Manure handling and storage | NH3 | 0.000 | 0.00% |
| Miscellaneous Area Sources | Agriculture Production - Livestock | Poultry production - layers with wet manure manage | Land application of manure | NH3 | 0.000 | 0.00% |
| | | | | Total Area | 107584.881 | 100% |