

Appendix G: Mapping to IPCC Source Categories

EPA Sector and Source Category Name	Gas	IPCC Source Category Mapping
Energy		
Natural Gas and Oil Systems	CH ₄	1B2 Oil and Natural Gas
Coal Mining Activities	CH ₄	1B1 Solid Fuels
Fuel Combustion		
<i>Stationary and Mobile Combustion</i>	CH ₄ , N ₂ O	1A Fuel Combustion Activities
<i>Biomass Combustion</i>	CH ₄ , N ₂ O	1A Fuel Combustion (Biomass)
Other Energy Sources	N ₂ O	1B1 Solid Fuels
	N ₂ O	1B2 Oil and Natural Gas
	CH ₄ , N ₂ O	4C Incineration and Open Burning of Waste
Industrial Processes		
Nitric and Adipic Acid Production		
<i>Nitric Acid Production</i>	N ₂ O	2B2 Nitric Acid Production
<i>Adipic Acid Production</i>	N ₂ O	2B3 Adipic Acid Production
Uses of Substitutes for Ozone-Depleting Substances	HFCs	2F1 Refrigeration and Air Conditioning 2F2 Foam Blowing Agents 2F3 Fire Protection 2F4 Aerosols 2F5 Solvents 2F6 Other Applications
HCFC-22 Production	HFCs	2B9a By-product Emissions
Electric Power Systems	SF ₆	2G1 Electrical Equipment
Metals Production		
<i>Primary Aluminum Production</i>	PFCs	2C3 Aluminum Production
<i>Magnesium Production</i>	SF ₆	2C4 Magnesium Production
Electronics Manufacturing	HFCs, PFCs, SF ₆ , NF ₃	2E1 Semiconductor
		2E2 TFT Flat Panel Display
		2E3 Photovoltaics
Other Industrial Processes Sources	CH ₄	2A Mineral Industry
	CH ₄	2B Chemical Industry
	CH ₄ , N ₂ O	2C Metal Industry
Agriculture		
Croplands (Non-rice Croplands)	N ₂ O	3C4 and 3C5 Direct/Indirect Emissions from Managed Soils 3B2 Cropland
Livestock Management		
<i>Enteric Fermentation</i>	CH ₄	3A1 Enteric Fermentation
<i>Manure Management</i>	CH ₄ , N ₂ O	3A2 and 3C6 Manure Management
Rice Cultivation ^a	CH ₄	3C7 Rice Cultivations

Other Agriculture Sources	CH ₄	3C4 and 3C5 Managed Soils
	CH ₄ , N ₂ O, CO ₂	3C1 Emissions from Biomass Burning
	CH ₄ , N ₂ O	3D Other
Waste		
Landfills	CH ₄	4A Solid Waste Disposal
Wastewater	CH ₄ , N ₂ O	4D Wastewater Treatment and Discharge
Other Waste Sources	CH ₄ , N ₂ O	4E Other

^a The emission projections for Rice Cultivation include only CH₄ emissions in alignment with the *2006 IPCC Guidelines* for estimating emissions from rice cultivation, while the mitigation analysis covers abatement measures for both CH₄ and N₂O emissions from rice cultivation.