

**Appendix D2: Snyder County Annual Nonroad Emissions by Category  
Tons per Year**

Equipment Type	Fuel	Pollutant	Tons/Year			
			2002	2004	2009	2018
Recreational	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
Recreational	Gasoline	VOC	5.569361	4.957574	4.724119	5.036526
Recreational	CNG	VOC	0.000000	0.000000	0.000000	0.000000
Recreational	LPG	VOC	0.000000	0.000000	0.000000	0.000000
Construction	Diesel	VOC	3.489915	3.240504	2.609711	1.635557
Construction	Gasoline	VOC	2.100501	1.832596	1.035141	0.983240
Construction	CNG	VOC	0.000005	0.000005	0.000004	0.000002
Construction	LPG	VOC	0.032927	0.031610	0.019397	0.005576
Industrial	Diesel	VOC	3.673291	3.395747	2.685649	1.546806
Industrial	Gasoline	VOC	6.111184	5.120256	2.098475	0.463523
Industrial	CNG	VOC	0.102043	0.098189	0.056256	0.008122
Industrial	LPG	VOC	24.186250	23.497814	13.575138	1.999028
Lawn and Garden	Diesel	VOC	2.084454	2.007096	1.684406	1.221911
Lawn and Garden	Gasoline	VOC	280.078592	247.327156	157.997380	163.484017
Lawn and Garden	CNG	VOC	0.000000	0.000000	0.000000	0.000000
Lawn and Garden	LPG	VOC	0.289676	0.274160	0.139180	0.019157
Farm	Diesel	VOC	12.303699	11.144383	8.617862	5.165760
Farm	Gasoline	VOC	2.230640	2.123111	1.735993	1.407737
Farm	CNG	VOC	0.003611	0.002125	0.000260	0.000006
Farm	LPG	VOC	0.001127	0.001066	0.000709	0.000342
Light Commercial	Diesel	VOC	1.139544	1.106601	0.951998	0.595169
Light Commercial	Gasoline	VOC	16.120791	14.931731	11.315211	12.699694
Light Commercial	CNG	VOC	0.013350	0.007064	0.003347	0.002636
Light Commercial	LPG	VOC	0.277029	0.288156	0.239771	0.128496
Logging	Diesel	VOC	0.343845	0.299291	0.213025	0.102130
Logging	Gasoline	VOC	2.453348	2.325874	1.372254	1.666271
Logging	CNG	VOC	0.000000	0.000000	0.000000	0.000000
Logging	LPG	VOC	0.000000	0.000000	0.000000	0.000000
Airport Service	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
Airport Service	Gasoline	VOC	0.000000	0.000000	0.000000	0.000000
Airport Service	CNG	VOC	0.000000	0.000000	0.000000	0.000000
Airport Service	LPG	VOC	0.000000	0.000000	0.000000	0.000000
Railway Maintenance	Diesel	VOC	0.003323	0.003269	0.002940	0.001915
Railway Maintenance	Gasoline	VOC	0.001111	0.001008	0.000751	0.000779
Railway Maintenance	CNG	VOC	0.000000	0.000000	0.000000	0.000000
Railway Maintenance	LPG	VOC	0.000011	0.000011	0.000008	0.000002
Recreational Marine Vessels	Diesel	VOC	0.043570	0.045739	0.047259	0.046402
Recreational Marine Vessels	Gasoline	VOC	34.416810	31.798629	24.515272	17.426797
Recreational Marine Vessels	CNG	VOC	0.000000	0.000000	0.000000	0.000000
Recreational Marine Vessels	LPG	VOC	0.000000	0.000000	0.000000	0.000000
Aircraft	Other	VOC	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Coal	VOC	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Residual Oil	VOC	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Gasoline	VOC	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Other	VOC	0.000000	0.000000	0.000000	0.000000
Railroads	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
<b>Snyder County VOC Totals</b>			<b>397.070009</b>	<b>355.860765</b>	<b>235.641516</b>	<b>215.647599</b>

**Appendix D2: Snyder County Annual Nonroad Emissions by Category  
Tons per Year**

Equipment Type	Fuel	Pollutant	Tons/Year			
			2002	2004	2009	2018
Recreational	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
Recreational	Gasoline	NOx	1.619340	1.441043	1.372900	1.463690
Recreational	CNG	NOx	0.000000	0.000000	0.000000	0.000000
Recreational	LPG	NOx	0.000000	0.000000	0.000000	0.000000
Construction	Diesel	NOx	30.200853	29.212737	25.364810	13.177570
Construction	Gasoline	NOx	0.263998	0.242932	0.176954	0.140574
Construction	CNG	NOx	0.000316	0.000312	0.000249	0.000116
Construction	LPG	NOx	0.120757	0.115053	0.069523	0.024155
Industrial	Diesel	NOx	35.015450	34.173981	29.646124	14.200478
Industrial	Gasoline	NOx	4.770002	3.991808	1.768372	0.269279
Industrial	CNG	NOx	6.341505	6.049412	3.373681	0.789579
Industrial	LPG	NOx	88.704407	85.402185	48.079452	11.448772
Lawn and Garden	Diesel	NOx	13.911112	14.440309	14.915021	13.157586
Lawn and Garden	Gasoline	NOx	32.254590	30.392287	24.593479	25.520081
Lawn and Garden	CNG	NOx	0.000000	0.000000	0.000000	0.000000
Lawn and Garden	LPG	NOx	1.059102	0.993012	0.492694	0.116329
Farm	Diesel	NOx	101.120260	98.215071	88.346761	56.577540
Farm	Gasoline	NOx	0.979570	0.963500	0.758942	0.559634
Farm	CNG	NOx	0.214331	0.124111	0.014950	0.000348
Farm	LPG	NOx	0.004128	0.003881	0.002547	0.001293
Light Commercial	Diesel	NOx	6.510974	6.669089	6.672177	5.271131
Light Commercial	Gasoline	NOx	3.238810	3.205543	2.818704	3.065133
Light Commercial	CNG	NOx	0.844190	0.463236	0.284236	0.228696
Light Commercial	LPG	NOx	1.279124	1.326790	1.099106	0.634372
Logging	Diesel	NOx	4.728539	4.180263	2.798207	0.586100
Logging	Gasoline	NOx	0.105318	0.112224	0.110305	0.126086
Logging	CNG	NOx	0.000000	0.000000	0.000000	0.000000
Logging	LPG	NOx	0.000000	0.000000	0.000000	0.000000
Airport Service	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
Airport Service	Gasoline	NOx	0.000000	0.000000	0.000000	0.000000
Airport Service	CNG	NOx	0.000000	0.000000	0.000000	0.000000
Airport Service	LPG	NOx	0.000000	0.000000	0.000000	0.000000
Railway Maintenance	Diesel	NOx	0.017132	0.017213	0.016509	0.011867
Railway Maintenance	Gasoline	NOx	0.000324	0.000293	0.000240	0.000240
Railway Maintenance	CNG	NOx	0.000000	0.000000	0.000000	0.000000
Railway Maintenance	LPG	NOx	0.000042	0.000041	0.000030	0.000010
Recreational Marine Vessels	Diesel	NOx	1.140333	1.204327	1.284376	1.355151
Recreational Marine Vessels	Gasoline	NOx	1.527942	1.698132	2.151516	2.776389
Recreational Marine Vessels	CNG	NOx	0.000000	0.000000	0.000000	0.000000
Recreational Marine Vessels	LPG	NOx	0.000000	0.000000	0.000000	0.000000
Aircraft	Other	NOx	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Coal	NOx	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Residual Oil	NOx	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Gasoline	NOx	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Other	NOx	0.000000	0.000000	0.000000	0.000000
Railroads	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
<b>Snyder County NOx Totals</b>			<b>335.972451</b>	<b>324.638785</b>	<b>256.211866</b>	<b>151.502198</b>

**Appendix D2: Snyder County Annual Nonroad Emissions by Category  
Tons per Year**

Equipment Type	Fuel	Pollutant	Tons/Year			
			2002	2004	2009	2018
Recreational	Diesel	CO	0.000000	0.000000	0.000000	0.000000
Recreational	Gasoline	CO	285.149600	297.182530	312.922490	333.616090
Recreational	CNG	CO	0.000000	0.000000	0.000000	0.000000
Recreational	LPG	CO	0.000000	0.000000	0.000000	0.000000
Construction	Diesel	CO	16.899313	15.561192	13.567784	6.885519
Construction	Gasoline	CO	28.655967	28.935395	28.560526	28.632767
Construction	CNG	CO	0.001258	0.001300	0.001185	0.000661
Construction	LPG	CO	0.487272	0.500727	0.384958	0.137363
Industrial	Diesel	CO	16.070174	15.322381	15.389026	5.337094
Industrial	Gasoline	CO	152.167436	134.340713	79.929655	21.558267
Industrial	CNG	CO	25.630926	26.491554	20.188234	4.426438
Industrial	LPG	CO	357.912416	374.082915	288.986727	66.481629
Lawn and Garden	Diesel	CO	7.302869	7.253349	6.873849	5.325726
Lawn and Garden	Gasoline	CO	4198.360824	4390.266111	4750.688984	5497.926003
Lawn and Garden	CNG	CO	0.000000	0.000000	0.000000	0.000000
Lawn and Garden	LPG	CO	4.291083	4.402736	3.117954	0.666213
Farm	Diesel	CO	58.859872	54.638969	45.457108	25.279279
Farm	Gasoline	CO	52.212115	53.081278	52.840130	54.452377
Farm	CNG	CO	0.920459	0.544504	0.067220	0.001555
Farm	LPG	CO	0.016689	0.016533	0.012932	0.006355
Light Commercial	Diesel	CO	4.149092	4.116223	3.907774	2.682155
Light Commercial	Gasoline	CO	403.885722	433.650684	507.525829	628.475788
Light Commercial	CNG	CO	3.332737	3.219035	1.038303	0.956973
Light Commercial	LPG	CO	3.746561	4.154660	4.153188	2.633324
Logging	Diesel	CO	1.626792	1.329068	1.093771	0.208705
Logging	Gasoline	CO	17.992775	18.982467	21.368758	27.639803
Logging	CNG	CO	0.000000	0.000000	0.000000	0.000000
Logging	LPG	CO	0.000000	0.000000	0.000000	0.000000
Airport Service	Diesel	CO	0.000000	0.000000	0.000000	0.000000
Airport Service	Gasoline	CO	0.000000	0.000000	0.000000	0.000000
Airport Service	CNG	CO	0.000000	0.000000	0.000000	0.000000
Airport Service	LPG	CO	0.000000	0.000000	0.000000	0.000000
Railway Maintenance	Diesel	CO	0.014148	0.013796	0.012541	0.007908
Railway Maintenance	Gasoline	CO	0.039307	0.041177	0.044593	0.048563
Railway Maintenance	CNG	CO	0.000000	0.000000	0.000000	0.000000
Railway Maintenance	LPG	CO	0.000169	0.000175	0.000153	0.000061
Recreational Marine Vessels	Diesel	CO	0.182779	0.192584	0.216914	0.260125
Recreational Marine Vessels	Gasoline	CO	88.190512	85.293532	77.016223	68.355916
Recreational Marine Vessels	CNG	CO	0.000000	0.000000	0.000000	0.000000
Recreational Marine Vessels	LPG	CO	0.000000	0.000000	0.000000	0.000000
Aircraft	Other	CO	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Coal	CO	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Diesel	CO	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Residual Oil	CO	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Gasoline	CO	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Other	CO	0.000000	0.000000	0.000000	0.000000
Railroads	Diesel	CO	0.000000	0.000000	0.000000	0.000000
<b>Snyder County CO Totals</b>			<b>5728.098865</b>	<b>5953.615589</b>	<b>6235.366807</b>	<b>6782.002657</b>

**Appendix D2: Snyder County Annual Nonroad Emissions by SCC**  
Tons per Year

SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2260001010	Recreational Equipment	Motorcycles: Off-Road	2 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2260001020	Recreational Equipment	Snowmobiles	2 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2260001030	Recreational Equipment	ATVs	2 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2260001060	Recreational Equipment	Specialty Vehicles/Carts	2 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2260002006	Construction and Mining Equipment	Tampers/Rammers	2 Stroke	NOx	0.004238	0.004076	0.002211	0.002217
2260002009	Construction and Mining Equipment	Plate Compactors	2 Stroke	NOx	0.000062	0.000105	0.000145	0.000148
2260002021	Construction and Mining Equipment	Paving Equipment	2 Stroke	NOx	0.000075	0.000128	0.000173	0.000177
2260002027	Construction and Mining Equipment	Signal Boards/Light Plants	2 Stroke	NOx	0.000001	0.000001	0.000001	0.000001
2260002039	Construction and Mining Equipment	Concrete/Industrial Saws	2 Stroke	NOx	0.010154	0.009194	0.005688	0.005828
2260002054	Construction and Mining Equipment	Crushing/Proc. Equipment	2 Stroke	NOx	0.000017	0.000028	0.000034	0.000035
2260003030	Industrial Equipment	Sweepers/Scrubbers	2 Stroke	NOx	0.000374	0.000540	0.000456	0.000161
2260003040	Industrial Equipment	Other General Industrial Eqp	2 Stroke	NOx	0.000030	0.000043	0.000036	0.000013
2260004015	Lawn and Garden Equipment (Res)	Rotary Tillers < 6 HP	2 Stroke	NOx	0.000731	0.000957	0.001817	0.002292
2260004016	Lawn and Garden Equipment (Com)	Rotary Tillers < 6 HP	2 Stroke	NOx	0.011343	0.016064	0.030550	0.036596
2260004020	Lawn and Garden Equipment (Res)	Chain Saws < 6 HP	2 Stroke	NOx	0.009535	0.013692	0.026273	0.031413
2260004021	Lawn and Garden Equipment (Com)	Chain Saws < 6 HP	2 Stroke	NOx	0.517139	0.507922	0.347639	0.405037
2260004025	Lawn and Garden Equipment (Res)	Trimmers/Edgers/Brush Cutter	2 Stroke	NOx	0.014632	0.020119	0.036883	0.044039
2260004026	Lawn and Garden Equipment (Com)	Trimmers/Edgers/Brush Cutter	2 Stroke	NOx	0.154565	0.220318	0.305822	0.355560
2260004030	Lawn and Garden Equipment (Res)	Leafblowers/Vacuums	2 Stroke	NOx	0.008708	0.012404	0.023567	0.028152
2260004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	2 Stroke	NOx	0.246105	0.289703	0.285196	0.329632
2260004035	Lawn and Garden Equipment (Res)	Snowblowers	2 Stroke	NOx	0.002179	0.002271	0.002499	0.002911
2260004036	Lawn and Garden Equipment (Com)	Snowblowers	2 Stroke	NOx	0.005621	0.005858	0.006466	0.007511
2260004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	2 Stroke	NOx	0.000048	0.000080	0.000132	0.000154
2260005035	Agricultural Equipment	Sprayers	2 Stroke	NOx	0.000574	0.000872	0.001410	0.001600
2260006005	Commercial Equipment	Generator Sets	2 Stroke	NOx	0.000899	0.001583	0.002540	0.003149
2260006010	Commercial Equipment	Pumps	2 Stroke	NOx	0.007145	0.012110	0.017290	0.021404
2260006015	Commercial Equipment	Air Compressors	2 Stroke	NOx	0.000003	0.000005	0.000007	0.000008
2260006035	Commercial Equipment	Hydro Power Units	2 Stroke	NOx	0.000043	0.000075	0.000104	0.000129
2260007005	Logging Equipment	Chain Saws > 6 HP	2 Stroke	NOx	0.023809	0.023044	0.015049	0.019059
2265001010	Recreational Equipment	Motorcycles: Off-Road	4 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2265001030	Recreational Equipment	ATVs	4 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2265001050	Recreational Equipment	Golf Carts	4 Stroke	NOx	1.619340	1.441043	1.372900	1.463690
2265001060	Recreational Equipment	Specialty Vehicles/Carts	4 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2265002003	Construction and Mining Equipment	Pavers	4 Stroke	NOx	0.009151	0.008167	0.005910	0.004493
2265002006	Construction and Mining Equipment	Tampers/Rammers	4 Stroke	NOx	0.000051	0.000046	0.000037	0.000037
2265002009	Construction and Mining Equipment	Plate Compactors	4 Stroke	NOx	0.010870	0.010401	0.007290	0.006780
2265002015	Construction and Mining Equipment	Rollers	4 Stroke	NOx	0.015680	0.013787	0.009484	0.007858
2265002021	Construction and Mining Equipment	Paving Equipment	4 Stroke	NOx	0.022829	0.021314	0.016435	0.015636
2265002024	Construction and Mining Equipment	Surfacing Equipment	4 Stroke	NOx	0.009487	0.008453	0.006734	0.006653
2265002027	Construction and Mining Equipment	Signal Boards/Light Plants	4 Stroke	NOx	0.000445	0.000407	0.000305	0.000312
2265002030	Construction and Mining Equipment	Trenchers	4 Stroke	NOx	0.027622	0.025068	0.017620	0.013015
2265002033	Construction and Mining Equipment	Bore/Drill Rigs	4 Stroke	NOx	0.008679	0.008549	0.006387	0.004753
2265002039	Construction and Mining Equipment	Concrete/Industrial Saws	4 Stroke	NOx	0.046977	0.041031	0.031645	0.030535
2265002042	Construction and Mining Equipment	Cement & Mortar Mixers	4 Stroke	NOx	0.017734	0.018259	0.015420	0.013459
2265002045	Construction and Mining Equipment	Cranes	4 Stroke	NOx	0.004547	0.004329	0.003216	0.001331
2265002054	Construction and Mining Equipment	Crushing/Proc. Equipment	4 Stroke	NOx	0.003071	0.002757	0.002212	0.001928
2265002057	Construction and Mining Equipment	Rough Terrain Forklifts	4 Stroke	NOx	0.007837	0.007361	0.004692	0.001234
2265002060	Construction and Mining Equipment	Rubber Tire Loaders	4 Stroke	NOx	0.019391	0.017841	0.009304	0.001990
2265002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	4 Stroke	NOx	0.014732	0.012816	0.010633	0.010253
2265002072	Construction and Mining Equipment	Skid Steer Loaders	4 Stroke	NOx	0.020676	0.019347	0.013849	0.007417
2265002078	Construction and Mining Equipment	Dumpers/Tenders	4 Stroke	NOx	0.002904	0.002964	0.002589	0.002316
2265002081	Construction and Mining Equipment	Other Construction Equipment	4 Stroke	NOx	0.006767	0.006503	0.004940	0.002166
2265003010	Industrial Equipment	Aerial Lifts	4 Stroke	NOx	0.667601	0.578321	0.353735	0.106520
2265003020	Industrial Equipment	Forklifts	4 Stroke	NOx	2.818326	2.372407	1.033108	0.078057
2265003030	Industrial Equipment	Sweepers/Scrubbers	4 Stroke	NOx	0.501867	0.402600	0.141372	0.023831
2265003040	Industrial Equipment	Other General Industrial Eqp	4 Stroke	NOx	0.443268	0.368978	0.169185	0.048914
2265003050	Industrial Equipment	Other Material Handling Eqp	4 Stroke	NOx	0.044258	0.037883	0.022838	0.005453
2265003060	Industrial Equipment	AC/Refrigeration	4 Stroke	NOx	0.003210	0.002428	0.001450	0.000513
2265003070	Industrial Equipment	Terminal Tractors	4 Stroke	NOx	0.291068	0.228608	0.046192	0.005817
2265004010	Lawn and Garden Equipment (Res)	Lawn mowers	4 Stroke	NOx	0.765326	0.823217	0.744359	0.552933
2265004011	Lawn and Garden Equipment (Com)	Lawn mowers	4 Stroke	NOx	2.077677	2.165128	1.414960	1.434761
2265004015	Lawn and Garden Equipment (Res)	Rotary Tillers < 6 HP	4 Stroke	NOx	0.064947	0.069752	0.062769	0.046334
2265004016	Lawn and Garden Equipment (Com)	Rotary Tillers < 6 HP	4 Stroke	NOx	1.047298	1.110292	0.937328	0.738585
2265004025	Lawn and Garden Equipment (Res)	Trimmers/Edgers/Brush Cutter	4 Stroke	NOx	0.004398	0.004644	0.003887	0.003058
2265004026	Lawn and Garden Equipment (Com)	Trimmers/Edgers/Brush Cutter	4 Stroke	NOx	0.053867	0.051796	0.041348	0.044226
2265004030	Lawn and Garden Equipment (Res)	Leafblowers/Vacuums	4 Stroke	NOx	0.008439	0.008910	0.007434	0.005834
2265004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	4 Stroke	NOx	3.555750	3.266878	2.664947	2.219008
2265004035	Lawn and Garden Equipment (Res)	Snowblowers	4 Stroke	NOx	0.071030	0.074026	0.081466	0.094917
2265004036	Lawn and Garden Equipment (Com)	Snowblowers	4 Stroke	NOx	0.183249	0.190978	0.210172	0.244874
2265004040	Lawn and Garden Equipment (Res)	Rear Engine Riding Mowers	4 Stroke	NOx	0.199631	0.194311	0.172370	0.192899
2265004041	Lawn and Garden Equipment (Com)	Rear Engine Riding Mowers	4 Stroke	NOx	0.288196	0.256865	0.240914	0.280382
2265004046	Lawn and Garden Equipment (Com)	Front Mowers	4 Stroke	NOx	0.304076	0.318143	0.305285	0.321011
2265004051	Lawn and Garden Equipment (Com)	Shredders < 6 HP	4 Stroke	NOx	0.119122	0.127273	0.111083	0.085098
2265004055	Lawn and Garden Equipment (Res)	Lawn & Garden Tractors	4 Stroke	NOx	2.742758	2.663017	2.320673	2.587288
2265004056	Lawn and Garden Equipment (Com)	Lawn & Garden Tractors	4 Stroke	NOx	4.025535	3.543961	3.276791	3.813227
2265004066	Lawn and Garden Equipment (Com)	Chippers/Stump Grinders	4 Stroke	NOx	1.286467	1.189505	0.747156	0.485650
2265004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	4 Stroke	NOx	14.098155	12.827346	9.775174	10.763550
2265004075	Lawn and Garden Equipment (Res)	Other Lawn & Garden Eqp.	4 Stroke	NOx	0.075209	0.080858	0.079342	0.070696
2265004076	Lawn and Garden Equipment (Com)	Other Lawn & Garden Eqp.	4 Stroke	NOx	0.312855	0.335999	0.329196	0.292453
2265005010	Agricultural Equipment	2-Wheel Tractors	4 Stroke	NOx	0.010252	0.008913	0.008291	0.009388
2265005015	Agricultural Equipment	Agricultural Tractors	4 Stroke	NOx	0.114140	0.107054	0.062336	0.021228
2265005020	Agricultural Equipment	Combines	4 Stroke	NOx	0.000858	0.000856	0.000745	0.000507

**Appendix D2: Snyder County Annual Nonroad Emissions by SCC**  
Tons per Year

SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2265005025	Agricultural Equipment	Balers	4 Stroke	NOx	0.081134	0.080871	0.070427	0.047945
2265005030	Agricultural Equipment	Agricultural Mowers	4 Stroke	NOx	0.008378	0.008174	0.007214	0.007732
2265005035	Agricultural Equipment	Sprayers	4 Stroke	NOx	0.131992	0.134436	0.120071	0.096892
2265005040	Agricultural Equipment	Tillers > 6 HP	4 Stroke	NOx	0.126526	0.134068	0.149199	0.175485
2265005045	Agricultural Equipment	Swathers	4 Stroke	NOx	0.128510	0.128093	0.111550	0.075940
2265005055	Agricultural Equipment	Other Agricultural Equipment	4 Stroke	NOx	0.153626	0.153154	0.133934	0.096079
2265005060	Agricultural Equipment	Irrigation Sets	4 Stroke	NOx	0.223580	0.207010	0.093765	0.026839
2265006005	Commercial Equipment	Generator Sets	4 Stroke	NOx	1.374264	1.394218	1.302717	1.507189
2265006010	Commercial Equipment	Pumps	4 Stroke	NOx	0.415904	0.406906	0.324473	0.327788
2265006015	Commercial Equipment	Air Compressors	4 Stroke	NOx	0.286600	0.277348	0.209967	0.164548
2265006025	Commercial Equipment	Welders	4 Stroke	NOx	0.517482	0.487953	0.432953	0.420794
2265006030	Commercial Equipment	Pressure Washers	4 Stroke	NOx	0.606252	0.597131	0.502916	0.589279
2265006035	Commercial Equipment	Hydro Power Units	4 Stroke	NOx	0.030218	0.028214	0.025737	0.030844
2265007010	Logging Equipment	Shredders > 6 HP	4 Stroke	NOx	0.080603	0.088260	0.094546	0.106129
2265007015	Logging Equipment	Forest Eq - Feller/Bunch/Skidder	4 Stroke	NOx	0.000906	0.000920	0.000710	0.000899
2265008005	Airport Equipment	Airport Ground Support Equipment	4 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2265010010	Industrial Equipment	Other Oil Field Equipment	4 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2267001060	Recreational Equipment	Specialty Vehicle Carts	LPG	NOx	0.000000	0.000000	0.000000	0.000000
2267002003	Construction and Mining Equipment	Pavers	LPG	NOx	0.004974	0.004742	0.002762	0.000764
2267002015	Construction and Mining Equipment	Rollers	LPG	NOx	0.008380	0.007687	0.003283	0.000895
2267002021	Construction and Mining Equipment	Paving Equipment	LPG	NOx	0.001312	0.001293	0.001001	0.000412
2267002024	Construction and Mining Equipment	Surfacing Equipment	LPG	NOx	0.000856	0.000810	0.000439	0.000125
2267002030	Construction and Mining Equipment	Trenchers	LPG	NOx	0.015226	0.014575	0.008825	0.002374
2267002033	Construction and Mining Equipment	Bore/Drill Rigs	LPG	NOx	0.005011	0.005022	0.004366	0.002898
2267002039	Construction and Mining Equipment	Concrete/Industrial Saws	LPG	NOx	0.014514	0.012796	0.003884	0.001484
2267002045	Construction and Mining Equipment	Cranes	LPG	NOx	0.005361	0.005285	0.004080	0.001637
2267002054	Construction and Mining Equipment	Crushing/Proc. Equipment	LPG	NOx	0.000892	0.000878	0.000666	0.000241
2267002057	Construction and Mining Equipment	Rough Terrain Forklifts	LPG	NOx	0.009681	0.009371	0.006246	0.001675
2267002060	Construction and Mining Equipment	Rubber Tire Loaders	LPG	NOx	0.024087	0.022836	0.012471	0.002754
2267002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	LPG	NOx	0.002559	0.002381	0.001095	0.000268
2267002072	Construction and Mining Equipment	Skid Steer Loaders	LPG	NOx	0.019902	0.019457	0.014103	0.005716
2267002081	Construction and Mining Equipment	Other Construction Equipment	LPG	NOx	0.008003	0.007920	0.006301	0.002912
2267003010	Industrial Equipment	Aerial Lifts	LPG	NOx	0.917440	0.917496	0.724985	0.352749
2267003020	Industrial Equipment	Forklifts	LPG	NOx	86.472793	83.273036	46.877658	10.934443
2267003030	Industrial Equipment	Sweepers/Scrubbers	LPG	NOx	0.659860	0.609062	0.244691	0.077978
2267003040	Industrial Equipment	Other General Industrial Equipm	LPG	NOx	0.201805	0.190504	0.092047	0.023990
2267003050	Industrial Equipment	Other Material Handling Equipment	LPG	NOx	0.049552	0.049456	0.038408	0.014376
2267003070	Industrial Equipment	Terminal Tractors	LPG	NOx	0.402958	0.362630	0.101663	0.045236
2267004066	Lawn and Garden Equipment (Com)	Chippers/Stump Grinders	LPG	NOx	1.059102	0.993012	0.492694	0.116329
2267005055	Agricultural Equipment	Other Agricultural Equipment	LPG	NOx	0.002241	0.002178	0.001817	0.001146
2267005060	Agricultural Equipment	Irrigation Sets	LPG	NOx	0.001886	0.001704	0.000730	0.000148
2267006005	Commercial Equipment	Generator Sets	LPG	NOx	0.683064	0.718375	0.659029	0.475540
2267006010	Commercial Equipment	Pumps	LPG	NOx	0.159071	0.163406	0.127104	0.063652
2267006015	Commercial Equipment	Air Compressors	LPG	NOx	0.191773	0.193868	0.132618	0.040745
2267006025	Commercial Equipment	Welders	LPG	NOx	0.239096	0.244905	0.175886	0.052442
2267006030	Commercial Equipment	Pressure Washers	LPG	NOx	0.003142	0.003287	0.002803	0.001401
2267006035	Commercial Equipment	Hydro Power Units	LPG	NOx	0.002978	0.002949	0.001666	0.000591
2267008005	Airport Equipment	Airport Ground Support Equipment	LPG	NOx	0.000000	0.000000	0.000000	0.000000
2268002081	Construction and Mining Equipment	Other Construction Equipment	CNG	NOx	0.000316	0.000312	0.000249	0.000116
2268003020	Industrial Equipment	Forklifts	CNG	NOx	6.295898	6.007771	3.358235	0.784299
2268003030	Industrial Equipment	Sweepers/Scrubbers	CNG	NOx	0.007524	0.007171	0.003961	0.000921
2268003040	Industrial Equipment	Other General Industrial Equipment	CNG	NOx	0.004919	0.004662	0.002420	0.000582
2268003060	Industrial Equipment	AC\Refrigeration	CNG	NOx	0.004798	0.004479	0.002008	0.000630
2268003070	Industrial Equipment	Terminal Tractors	CNG	NOx	0.028366	0.025330	0.007057	0.003146
2268005055	Agricultural Equipment	Other Agricultural Equipment	CNG	NOx	0.002711	0.002215	0.001239	0.000348
2268005060	Agricultural Equipment	Irrigation Sets	CNG	NOx	0.211620	0.121895	0.013712	0.000000
2268006005	Commercial Equipment	Generator Sets	CNG	NOx	0.223886	0.228115	0.203630	0.144638
2268006010	Commercial Equipment	Pumps	CNG	NOx	0.011226	0.011254	0.009018	0.004868
2268006015	Commercial Equipment	Air Compressors	CNG	NOx	0.016058	0.015734	0.010579	0.002953
2268006020	Commercial Equipment	Gas Compressors	CNG	NOx	0.593020	0.208133	0.061008	0.076238
2268006035	Commercial Equipment	Hydro Power Units	CNG	NOx	0.000000	0.000000	0.000000	0.000000
2268010010	Industrial Equipment	Other Oil Field Equipment	CNG	NOx	0.000000	0.000000	0.000000	0.000000
2270001060	Recreational Equipment	Specialty Vehicle Carts	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
2270002003	Construction and Mining Equipment	Pavers	Diesel	NOx	0.401485	0.383103	0.327024	0.149759
2270002006	Construction and Mining Equipment	Tampers/Rammers	Diesel	NOx	0.000882	0.000860	0.000740	0.000633
2270002009	Construction and Mining Equipment	Plate Compactors	Diesel	NOx	0.013764	0.013383	0.011590	0.010372
2270002015	Construction and Mining Equipment	Rollers	Diesel	NOx	0.996151	0.961904	0.844559	0.426165
2270002018	Construction and Mining Equipment	Scrapers	Diesel	NOx	1.153317	1.108400	0.921902	0.403763
2270002021	Construction and Mining Equipment	Paving Equipment	Diesel	NOx	0.063490	0.061369	0.053207	0.030235
2270002024	Construction and Mining Equipment	Surfacing Equipment	Diesel	NOx	0.042780	0.042041	0.038473	0.026268
2270002027	Construction and Mining Equipment	Signal Boards/Light Plants	Diesel	NOx	0.120297	0.117460	0.106804	0.100043
2270002030	Construction and Mining Equipment	Trenchers	Diesel	NOx	0.463396	0.458078	0.426164	0.297257
2270002033	Construction and Mining Equipment	Bore/Drill Rigs	Diesel	NOx	0.550155	0.545289	0.503734	0.354309
2270002036	Construction and Mining Equipment	Excavators	Diesel	NOx	3.981754	3.750771	3.078622	1.055358
2270002039	Construction and Mining Equipment	Concrete/Industrial Saws	Diesel	NOx	0.031157	0.030741	0.029262	0.021427
2270002042	Construction and Mining Equipment	Cement & Mortar Mixers	Diesel	NOx	0.020670	0.020612	0.019474	0.014978
2270002045	Construction and Mining Equipment	Cranes	Diesel	NOx	1.084350	1.041487	0.873488	0.404941
2270002048	Construction and Mining Equipment	Graders	Diesel	NOx	1.011710	0.946526	0.774959	0.262931
2270002051	Construction and Mining Equipment	Off-highway Trucks	Diesel	NOx	3.755541	3.633866	3.041078	1.503972
2270002054	Construction and Mining Equipment	Crushing/Proc. Equipment	Diesel	NOx	0.190382	0.184763	0.160082	0.089329
2270002057	Construction and Mining Equipment	Rough Terrain Forklifts	Diesel	NOx	1.272744	1.256676	1.136061	0.590482
2270002060	Construction and Mining Equipment	Rubber Tire Loaders	Diesel	NOx	4.875720	4.708767	4.060948	2.051830

**Appendix D2: Snyder County Annual Nonroad Emissions by SCC**  
Tons per Year

SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2270002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	Diesel	NOx	2.962223	2.931387	2.744573	1.816028
2270002069	Construction and Mining Equipment	Crawler Tractor/Dozers	Diesel	NOx	4.284230	4.098242	3.456337	1.518275
2270002072	Construction and Mining Equipment	Skid Steer Loaders	Diesel	NOx	1.899289	1.916005	1.875045	1.530738
2270002075	Construction and Mining Equipment	Off-Highway Tractors	Diesel	NOx	0.517103	0.506024	0.445349	0.262151
2270002078	Construction and Mining Equipment	Dumpers/Tenders	Diesel	NOx	0.006113	0.006161	0.006055	0.004989
2270002081	Construction and Mining Equipment	Other Construction Equipment	Diesel	NOx	0.502148	0.488823	0.429279	0.251335
2270003010	Industrial Equipment	Aerial Lifts	Diesel	NOx	0.953909	0.956488	0.923107	0.774088
2270003020	Industrial Equipment	Forklifts	Diesel	NOx	10.066669	9.974973	8.542837	3.194187
2270003030	Industrial Equipment	Sweepers/Scrubbers	Diesel	NOx	5.336973	5.105419	4.433033	1.860440
2270003040	Industrial Equipment	Other General Industrial Eqp	Diesel	NOx	6.078333	5.883655	5.033443	2.501613
2270003050	Industrial Equipment	Other Material Handling Eqp	Diesel	NOx	0.281136	0.277347	0.254924	0.179887
2270003060	Industrial Equipment	AC\Refrigeration	Diesel	NOx	5.411136	5.365643	5.113713	4.206163
2270003070	Industrial Equipment	Terminal Tractors	Diesel	NOx	6.887294	6.610455	5.345068	1.484100
2270004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	Diesel	NOx	0.000785	0.000827	0.000899	0.000943
2270004036	Lawn and Garden Equipment (Com)	Snowblowers	Diesel	NOx	0.067025	0.069929	0.071247	0.054376
2270004046	Lawn and Garden Equipment (Com)	Front Mowers	Diesel	NOx	4.824295	4.987962	5.180197	5.271870
2270004056	Lawn and Garden Equipment (Com)	Lawn & Garden Tractors	Diesel	NOx	1.064652	1.070061	1.036199	1.140368
2270004066	Lawn and Garden Equipment (Com)	Chippers/Stump Grinders	Diesel	NOx	7.208461	7.562198	7.872977	6.172611
2270004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	Diesel	NOx	0.726975	0.729490	0.732488	0.496994
2270004076	Lawn and Garden Equipment (Com)	Other Lawn & Garden Eqp.	Diesel	NOx	0.018919	0.019840	0.021014	0.020424
2270005010	Agricultural Equipment	2-Wheel Tractors	Diesel	NOx	0.002032	0.001888	0.001466	0.001495
2270005015	Agricultural Equipment	Agricultural Tractors	Diesel	NOx	87.913206	85.220777	76.472630	48.606291
2270005020	Agricultural Equipment	Combines	Diesel	NOx	8.913525	8.756700	7.991080	5.437661
2270005025	Agricultural Equipment	Balers	Diesel	NOx	0.038206	0.038698	0.038291	0.031396
2270005030	Agricultural Equipment	Agricultural Mowers	Diesel	NOx	0.008146	0.008054	0.007503	0.005226
2270005035	Agricultural Equipment	Sprayers	Diesel	NOx	0.631707	0.634608	0.611352	0.442424
2270005040	Agricultural Equipment	Tillers > 6 HP	Diesel	NOx	0.001039	0.001043	0.000993	0.000711
2270005045	Agricultural Equipment	Swathers	Diesel	NOx	0.624120	0.618671	0.581460	0.424970
2270005055	Agricultural Equipment	Other Agricultural Equipment	Diesel	NOx	1.836458	1.795143	1.612543	1.052869
2270005060	Agricultural Equipment	Irrigation Sets	Diesel	NOx	1.151821	1.139490	1.029445	0.574496
2270006005	Commercial Equipment	Generator Sets	Diesel	NOx	2.973966	3.053808	3.096896	2.593453
2270006010	Commercial Equipment	Pumps	Diesel	NOx	0.708001	0.726926	0.733738	0.604438
2270006015	Commercial Equipment	Air Compressors	Diesel	NOx	1.787076	1.815188	1.739513	1.105439
2270006020	Commercial Equipment	Gas Compressors	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
2270006025	Commercial Equipment	Welders	Diesel	NOx	0.865283	0.893145	0.923883	0.829704
2270006030	Commercial Equipment	Pressure Washers	Diesel	NOx	0.099347	0.101849	0.102936	0.086805
2270006035	Commercial Equipment	Hydro Power Units	Diesel	NOx	0.077300	0.078172	0.075211	0.051292
2270007010	Logging Equipment	Shredders > 6 HP	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
2270007015	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	Diesel	NOx	4.728539	4.180263	2.798207	0.586100
2270008005	Airport Equipment	Airport Ground Support Equipment	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
2270009010	Construction and Mining Equipment	Other Underground Mining Equipment	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
2270010010	Industrial Equipment	Other Oil Field Equipment	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
2275000000	Aircraft	All Aircraft Types and Operations	Other	NOx				
2275070000	Aircraft	Auxiliary Power Units	Other	NOx				
2280000000	Marine Vessels	Commercial	All Fuels	NOx	0.000000	0.000000	0.000000	0.000000
2280001000	Marine Vessels	Commercial	Coal	NOx	0.000000	0.000000	0.000000	0.000000
2280002000	Marine Vessels	Commercial	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
2280003000	Marine Vessels	Commercial	Residual Fuel	NOx	0.000000	0.000000	0.000000	0.000000
2280004000	Marine Vessels	Commercial	Gasoline	NOx	0.000000	0.000000	0.000000	0.000000
2282005010	Pleasure Craft	Outboard	2 Stroke	NOx	0.386047	0.465769	0.683372	0.973841
2282005015	Pleasure Craft	Personal Water Craft	2 Stroke	NOx	0.108079	0.142832	0.223181	0.288193
2282010005	Pleasure Craft	Inboard/Stern Drive	4 Stroke	NOx	1.033816	1.089531	1.244963	1.514355
2282020005	Pleasure Craft	Inboard/Stern Drive	Diesel	NOx	1.136056	1.199953	1.279821	1.350327
2282020010	Pleasure Craft	Outboards	Diesel	NOx	0.004278	0.004373	0.004555	0.004824
2285002005	Railroad Equipment	Line Haul Locomotives	Diesel	NOx				
2285002010	Railroad Equipment	Yard Locomotive	Diesel	NOx				
2285002015	Railroad Equipment	Railway Maintenance	Diesel	NOx	0.017132	0.017213	0.016509	0.011867
2285004015	Railroad Equipment	Railway Maintenance	4 Stroke	NOx	0.000324	0.000293	0.000240	0.000240
2285006015	Railroad Equipment	Railway Maintenance	LPG	NOx	0.000042	0.000041	0.000030	0.000010
<b>Snyder County Total Annual NOx Emissions</b>					<b>335.972451</b>	<b>324.638785</b>	<b>256.211866</b>	<b>151.502198</b>

**Appendix D2: Snyder County Annual Nonroad Emissions by SCC**  
Tons per Year

SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2260001010	Recreational Equipment	Motorcycles: Off-Road	2 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2260001020	Recreational Equipment	Snowmobiles	2 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2260001030	Recreational Equipment	ATVs	2 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2260001060	Recreational Equipment	Specialty Vehicles/Carts	2 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2260002006	Construction and Mining Equipment	Tampers/Rammers	2 Stroke	VOC	0.354314	0.339210	0.152741	0.151525
2260002009	Construction and Mining Equipment	Plate Compactors	2 Stroke	VOC	0.021458	0.012985	0.005359	0.005491
2260002021	Construction and Mining Equipment	Paving Equipment	2 Stroke	VOC	0.025571	0.015043	0.006381	0.006538
2260002027	Construction and Mining Equipment	Signal Boards/Light Plants	2 Stroke	VOC	0.000184	0.000100	0.000055	0.000056
2260002039	Construction and Mining Equipment	Concrete/Industrial Saws	2 Stroke	VOC	0.946414	0.778848	0.377573	0.386863
2260002054	Construction and Mining Equipment	Crushing/Proc. Equipment	2 Stroke	VOC	0.004748	0.002535	0.001291	0.001323
2260003030	Industrial Equipment	Sweepers/Scrubbers	2 Stroke	VOC	0.099437	0.046228	0.017572	0.006229
2260003040	Industrial Equipment	Other General Industrial Eqp	2 Stroke	VOC	0.007892	0.003656	0.001381	0.000489
2260004015	Lawn and Garden Equipment (Res)	Rotary Tillers < 6 HP	2 Stroke	VOC	0.285452	0.247574	0.110733	0.091572
2260004016	Lawn and Garden Equipment (Com)	Rotary Tillers < 6 HP	2 Stroke	VOC	4.211995	3.472296	1.170078	1.149443
2260004020	Lawn and Garden Equipment (Res)	Chain Saws < 6 HP	2 Stroke	VOC	3.688240	3.057392	1.108845	1.124762
2260004021	Lawn and Garden Equipment (Com)	Chain Saws < 6 HP	2 Stroke	VOC	50.726670	43.559119	21.917171	25.535887
2260004025	Lawn and Garden Equipment (Res)	Trimmers/Edgers/Brush Cutter	2 Stroke	VOC	5.432392	4.545566	1.755146	1.802944
2260004026	Lawn and Garden Equipment (Com)	Trimmers/Edgers/Brush Cutter	2 Stroke	VOC	39.957918	29.117723	11.151782	12.917032
2260004030	Lawn and Garden Equipment (Res)	Leafblowers/Vacuums	2 Stroke	VOC	3.572417	3.012131	1.271676	1.333742
2260004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	2 Stroke	VOC	38.329382	30.961441	13.016665	14.892312
2260004035	Lawn and Garden Equipment (Res)	Snowblowers	2 Stroke	VOC	2.089532	2.177879	2.397139	2.793459
2260004036	Lawn and Garden Equipment (Com)	Snowblowers	2 Stroke	VOC	4.770456	4.972215	5.472911	6.377910
2260004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	2 Stroke	VOC	0.017229	0.012031	0.004326	0.005042
2260005035	Agricultural Equipment	Sprayers	2 Stroke	VOC	0.200835	0.145885	0.050302	0.056166
2260006005	Commercial Equipment	Generator Sets	2 Stroke	VOC	0.310783	0.204798	0.089325	0.110796
2260006010	Commercial Equipment	Pumps	2 Stroke	VOC	2.130832	1.233797	0.650297	0.784288
2260006015	Commercial Equipment	Air Compressors	2 Stroke	VOC	0.000755	0.000416	0.000248	0.000308
2260006035	Commercial Equipment	Hydro Power Units	2 Stroke	VOC	0.011784	0.006529	0.003851	0.004775
2260007005	Logging Equipment	Chain Saws > 6 HP	2 Stroke	VOC	2.062963	1.952556	1.043206	1.321183
2265001010	Recreational Equipment	Motorcycles: Off-Road	4 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2265001030	Recreational Equipment	ATVs	4 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2265001050	Recreational Equipment	Golf Carts	4 Stroke	VOC	5.569361	4.957574	4.724119	5.036526
2265001060	Recreational Equipment	Specialty Vehicles/Carts	4 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2265002003	Construction and Mining Equipment	Pavers	4 Stroke	VOC	0.019560	0.017194	0.012897	0.011971
2265002006	Construction and Mining Equipment	Tampers/Rammers	4 Stroke	VOC	0.000165	0.000144	0.000113	0.000114
2265002009	Construction and Mining Equipment	Plate Compactors	4 Stroke	VOC	0.076786	0.075045	0.045954	0.038037
2265002015	Construction and Mining Equipment	Rollers	4 Stroke	VOC	0.031663	0.027328	0.022065	0.021153
2265002021	Construction and Mining Equipment	Paving Equipment	4 Stroke	VOC	0.106796	0.098490	0.065817	0.061563
2265002024	Construction and Mining Equipment	Surfacing Equipment	4 Stroke	VOC	0.039525	0.036446	0.023965	0.024351
2265002027	Construction and Mining Equipment	Signal Boards/Light Plants	4 Stroke	VOC	0.002766	0.002653	0.001516	0.001553
2265002030	Construction and Mining Equipment	Trenchers	4 Stroke	VOC	0.078203	0.072370	0.045118	0.042231
2265002033	Construction and Mining Equipment	Bore/Drill Rigs	4 Stroke	VOC	0.045713	0.045400	0.028778	0.022176
2265002039	Construction and Mining Equipment	Concrete/Industrial Saws	4 Stroke	VOC	0.114224	0.098458	0.084900	0.085559
2265002042	Construction and Mining Equipment	Cement & Mortar Mixers	4 Stroke	VOC	0.114015	0.104383	0.081855	0.063036
2265002045	Construction and Mining Equipment	Cranes	4 Stroke	VOC	0.003943	0.003701	0.002817	0.001337
2265002054	Construction and Mining Equipment	Crushing/Proc. Equipment	4 Stroke	VOC	0.010328	0.009427	0.006345	0.006234
2265002057	Construction and Mining Equipment	Rough Terrain Forklifts	4 Stroke	VOC	0.005874	0.005515	0.003522	0.000784
2265002060	Construction and Mining Equipment	Rubber Tire Loaders	4 Stroke	VOC	0.014200	0.013077	0.006679	0.000906
2265002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	4 Stroke	VOC	0.038356	0.032752	0.028198	0.028393
2265002072	Construction and Mining Equipment	Skid Steer Loaders	4 Stroke	VOC	0.026548	0.023975	0.017841	0.012787
2265002078	Construction and Mining Equipment	Dumpers/Tenders	4 Stroke	VOC	0.015939	0.014516	0.011535	0.009646
2265002081	Construction and Mining Equipment	Other Construction Equipment	4 Stroke	VOC	0.005078	0.004884	0.003736	0.001569
2265003010	Industrial Equipment	Aerial Lifts	4 Stroke	VOC	0.729356	0.610261	0.364830	0.114705
2265003020	Industrial Equipment	Forklifts	4 Stroke	VOC	2.068236	1.744602	0.753831	0.040516
2265003030	Industrial Equipment	Sweepers/Scrubbers	4 Stroke	VOC	0.641060	0.515393	0.203028	0.051389
2265003040	Industrial Equipment	Other General Industrial Eqp	4 Stroke	VOC	2.289827	1.982164	0.699170	0.239150
2265003050	Industrial Equipment	Other Material Handling Eqp	4 Stroke	VOC	0.051965	0.042742	0.025340	0.006898
2265003060	Industrial Equipment	AC\Refrigeration	4 Stroke	VOC	0.010364	0.007885	0.004727	0.001684
2265003070	Industrial Equipment	Terminal Tractors	4 Stroke	VOC	0.213046	0.167326	0.028596	0.002463
2265004010	Lawn and Garden Equipment (Res)	Lawn mowers	4 Stroke	VOC	10.534761	10.453615	9.743221	7.222428
2265004011	Lawn and Garden Equipment (Com)	Lawn mowers	4 Stroke	VOC	21.622458	22.534917	12.875304	12.020870
2265004015	Lawn and Garden Equipment (Res)	Rotary Tillers < 6 HP	4 Stroke	VOC	0.878957	0.878944	0.811249	0.573162
2265004016	Lawn and Garden Equipment (Com)	Rotary Tillers < 6 HP	4 Stroke	VOC	10.357281	10.266765	8.694128	5.460483
2265004025	Lawn and Garden Equipment (Res)	Trimmers/Edgers/Brush Cutter	4 Stroke	VOC	0.055074	0.056371	0.049970	0.037640
2265004026	Lawn and Garden Equipment (Com)	Trimmers/Edgers/Brush Cutter	4 Stroke	VOC	0.357210	0.358597	0.232076	0.214403
2265004030	Lawn and Garden Equipment (Res)	Leafblowers/Vacuums	4 Stroke	VOC	0.111753	0.114451	0.101601	0.077614
2265004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	4 Stroke	VOC	7.191128	6.385589	5.329035	5.413135
2265004035	Lawn and Garden Equipment (Res)	Snowblowers	4 Stroke	VOC	0.752774	0.784582	0.863530	1.006241
2265004036	Lawn and Garden Equipment (Com)	Snowblowers	4 Stroke	VOC	0.719489	0.749984	0.825602	0.962264
2265004040	Lawn and Garden Equipment (Res)	Rear Engine Riding Mowers	4 Stroke	VOC	0.998866	0.975283	0.929192	1.054314
2265004041	Lawn and Garden Equipment (Com)	Rear Engine Riding Mowers	4 Stroke	VOC	0.830037	0.733589	0.673932	0.784334
2265004046	Lawn and Garden Equipment (Com)	Front Mowers	4 Stroke	VOC	1.320281	1.252675	1.101835	1.122786
2265004051	Lawn and Garden Equipment (Com)	Shredders < 6 HP	4 Stroke	VOC	1.256553	1.221680	1.066147	0.666734
2265004055	Lawn and Garden Equipment (Res)	Lawn & Garden Tractors	4 Stroke	VOC	11.996769	11.509226	10.493116	11.821954
2265004056	Lawn and Garden Equipment (Com)	Lawn & Garden Tractors	4 Stroke	VOC	11.245951	9.711796	8.690438	10.111786
2265004066	Lawn and Garden Equipment (Com)	Chippers/Stub Grinders	4 Stroke	VOC	1.703555	1.533045	1.157797	1.047824
2265004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	4 Stroke	VOC	41.639917	39.370177	32.012517	33.590258
2265004075	Lawn and Garden Equipment (Res)	Other Lawn & Garden Eqp.	4 Stroke	VOC	0.671552	0.647295	0.582564	0.445684
2265004076	Lawn and Garden Equipment (Com)	Other Lawn & Garden Eqp.	4 Stroke	VOC	2.752539	2.653205	2.387654	1.825997
2265005010	Agricultural Equipment	2-Wheel Tractors	4 Stroke	VOC	0.030423	0.026129	0.023917	0.027084
2265005015	Agricultural Equipment	Agricultural Tractors	4 Stroke	VOC	0.099590	0.091790	0.057122	0.026620
2265005020	Agricultural Equipment	Combines	4 Stroke	VOC	0.000712	0.000714	0.000631	0.000428

**Appendix D2: Snyder County Annual Nonroad Emissions by SCC**  
Tons per Year

SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2265005025	Agricultural Equipment	Balers	4 Stroke	VOC	0.073478	0.073826	0.065634	0.044659
2265005030	Agricultural Equipment	Agricultural Mowers	4 Stroke	VOC	0.031240	0.028040	0.023000	0.024073
2265005035	Agricultural Equipment	Sprayers	4 Stroke	VOC	0.452949	0.439428	0.367233	0.291280
2265005040	Agricultural Equipment	Tillers > 6 HP	4 Stroke	VOC	0.879976	0.872159	0.835017	0.736277
2265005045	Agricultural Equipment	Swathers	4 Stroke	VOC	0.107544	0.107812	0.095398	0.064786
2265005055	Agricultural Equipment	Other Agricultural Equipment	4 Stroke	VOC	0.171943	0.167014	0.143019	0.113218
2265005060	Agricultural Equipment	Irrigation Sets	4 Stroke	VOC	0.181948	0.170317	0.074721	0.023145
2265006005	Commercial Equipment	Generator Sets	4 Stroke	VOC	6.317037	6.159972	5.285273	5.863915
2265006010	Commercial Equipment	Pumps	4 Stroke	VOC	1.912113	1.949536	1.176159	1.378988
2265006015	Commercial Equipment	Air Compressors	4 Stroke	VOC	0.773176	0.773819	0.523605	0.590630
2265006025	Commercial Equipment	Welders	4 Stroke	VOC	1.201650	1.116157	1.046134	1.204837
2265006030	Commercial Equipment	Pressure Washers	4 Stroke	VOC	3.344563	3.372663	2.449420	2.649141
2265006035	Commercial Equipment	Hydro Power Units	4 Stroke	VOC	0.118098	0.114044	0.090899	0.112017
2265007010	Logging Equipment	Shredders > 6 HP	4 Stroke	VOC	0.383468	0.366057	0.325179	0.340187
2265007015	Logging Equipment	Forest Eq - Feller/Bunch/Skidder	4 Stroke	VOC	0.006917	0.007262	0.003869	0.004901
2265008005	Airport Equipment	Airport Ground Support Equipment	4 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2265010010	Industrial Equipment	Other Oil Field Equipment	4 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2267001060	Recreational Equipment	Specialty Vehicle Carts	LPG	VOC	0.000000	0.000000	0.000000	0.000000
2267002003	Construction and Mining Equipment	Pavers	LPG	VOC	0.001356	0.001303	0.000774	0.000159
2267002015	Construction and Mining Equipment	Rollers	LPG	VOC	0.002300	0.002134	0.000921	0.000144
2267002021	Construction and Mining Equipment	Paving Equipment	LPG	VOC	0.000355	0.000351	0.000277	0.000108
2267002024	Construction and Mining Equipment	Surfacing Equipment	LPG	VOC	0.000234	0.000223	0.000123	0.000025
2267002030	Construction and Mining Equipment	Trenchers	LPG	VOC	0.004150	0.004002	0.002475	0.000498
2267002033	Construction and Mining Equipment	Bore/Drill Rigs	LPG	VOC	0.001346	0.001354	0.001194	0.000794
2267002039	Construction and Mining Equipment	Concrete/Industrial Saws	LPG	VOC	0.004022	0.003598	0.001064	0.000226
2267002045	Construction and Mining Equipment	Cranes	LPG	VOC	0.001450	0.001437	0.001132	0.000429
2267002054	Construction and Mining Equipment	Crushing/Proc. Equipment	LPG	VOC	0.000242	0.000239	0.000185	0.000062
2267002057	Construction and Mining Equipment	Rough Terrain Forklifts	LPG	VOC	0.002632	0.002564	0.001749	0.000370
2267002060	Construction and Mining Equipment	Rubber Tire Loaders	LPG	VOC	0.006583	0.006295	0.003530	0.000473
2267002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	LPG	VOC	0.000702	0.000660	0.000310	0.000042
2267002072	Construction and Mining Equipment	Skid Steer Loaders	LPG	VOC	0.005394	0.005303	0.003920	0.001465
2267002081	Construction and Mining Equipment	Other Construction Equipment	LPG	VOC	0.002162	0.002149	0.001742	0.000780
2267003010	Industrial Equipment	Aerial Lifts	LPG	VOC	0.247128	0.248584	0.200315	0.093006
2267003020	Industrial Equipment	Forklifts	LPG	VOC	23.577820	22.911972	13.241731	1.879115
2267003030	Industrial Equipment	Sweepers/Scrubbers	LPG	VOC	0.181598	0.169697	0.068447	0.012533
2267003040	Industrial Equipment	Other General Industrial Equipm	LPG	VOC	0.055180	0.052635	0.025914	0.003882
2267003050	Industrial Equipment	Other Material Handling Equipment	LPG	VOC	0.013361	0.013416	0.010647	0.003670
2267003070	Industrial Equipment	Terminal Tractors	LPG	VOC	0.111163	0.101509	0.028084	0.006821
2267004066	Lawn and Garden Equipment (Com)	Chippers/Stump Grinders	LPG	VOC	0.289676	0.274160	0.139180	0.019157
2267005055	Agricultural Equipment	Other Agricultural Equipment	LPG	VOC	0.000609	0.000593	0.000501	0.000318
2267005060	Agricultural Equipment	Irrigation Sets	LPG	VOC	0.000518	0.000472	0.000208	0.000023
2267006005	Commercial Equipment	Generator Sets	LPG	VOC	0.138704	0.146168	0.135594	0.097926
2267006010	Commercial Equipment	Pumps	LPG	VOC	0.032711	0.033684	0.026370	0.012423
2267006015	Commercial Equipment	Air Compressors	LPG	VOC	0.039773	0.040324	0.027667	0.006913
2267006025	Commercial Equipment	Welders	LPG	VOC	0.064382	0.066484	0.049032	0.010773
2267006030	Commercial Equipment	Pressure Washers	LPG	VOC	0.000837	0.000882	0.000769	0.000363
2267006035	Commercial Equipment	Hydro Power Units	LPG	VOC	0.000620	0.000616	0.000340	0.000098
2267008005	Airport Equipment	Airport Ground Support Equipment	LPG	VOC	0.000000	0.000000	0.000000	0.000000
2268002081	Construction and Mining Equipment	Other Construction Equipment	CNG	VOC	0.000005	0.000005	0.000004	0.000002
2268003020	Industrial Equipment	Forklifts	CNG	VOC	0.101304	0.097506	0.056001	0.008072
2268003030	Industrial Equipment	Sweepers/Scrubbers	CNG	VOC	0.000121	0.000116	0.000066	0.000009
2268003040	Industrial Equipment	Other General Industrial Equipment	CNG	VOC	0.000079	0.000076	0.000040	0.000006
2268003060	Industrial Equipment	AC\Refrigeration	CNG	VOC	0.000077	0.000073	0.000033	0.000007
2268003070	Industrial Equipment	Terminal Tractors	CNG	VOC	0.000461	0.000418	0.000115	0.000029
2268005055	Agricultural Equipment	Other Agricultural Equipment	CNG	VOC	0.000046	0.000038	0.000021	0.000006
2268005060	Agricultural Equipment	Irrigation Sets	CNG	VOC	0.003565	0.002087	0.000238	0.000000
2268006005	Commercial Equipment	Generator Sets	CNG	VOC	0.002706	0.002762	0.002491	0.001780
2268006010	Commercial Equipment	Pumps	CNG	VOC	0.000137	0.000137	0.000111	0.000058
2268006015	Commercial Equipment	Air Compressors	CNG	VOC	0.000197	0.000194	0.000131	0.000030
2268006020	Commercial Equipment	Gas Compressors	CNG	VOC	0.010310	0.003971	0.000614	0.000767
2268006035	Commercial Equipment	Hydro Power Units	CNG	VOC	0.000000	0.000000	0.000000	0.000000
2268010010	Industrial Equipment	Other Oil Field Equipment	CNG	VOC	0.000000	0.000000	0.000000	0.000000
2270001060	Recreational Equipment	Specialty Vehicle Carts	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
2270002003	Construction and Mining Equipment	Pavers	Diesel	VOC	0.038718	0.034867	0.027031	0.015627
2270002006	Construction and Mining Equipment	Tampers/Rammers	Diesel	VOC	0.000143	0.000139	0.000115	0.000088
2270002009	Construction and Mining Equipment	Plate Compactors	Diesel	VOC	0.002405	0.002289	0.001798	0.001345
2270002015	Construction and Mining Equipment	Rollers	Diesel	VOC	0.109753	0.097807	0.073242	0.042164
2270002018	Construction and Mining Equipment	Scrapers	Diesel	VOC	0.080531	0.071856	0.053376	0.040793
2270002021	Construction and Mining Equipment	Paving Equipment	Diesel	VOC	0.007076	0.006507	0.004904	0.003013
2270002024	Construction and Mining Equipment	Surfacing Equipment	Diesel	VOC	0.004882	0.004432	0.003331	0.002116
2270002027	Construction and Mining Equipment	Signal Boards/Light Plants	Diesel	VOC	0.023729	0.021401	0.014408	0.009736
2270002030	Construction and Mining Equipment	Trenchers	Diesel	VOC	0.065349	0.058797	0.042537	0.023264
2270002033	Construction and Mining Equipment	Bore/Drill Rigs	Diesel	VOC	0.051239	0.049310	0.042436	0.029050
2270002036	Construction and Mining Equipment	Excavators	Diesel	VOC	0.317762	0.285465	0.232452	0.145337
2270002039	Construction and Mining Equipment	Concrete/Industrial Saws	Diesel	VOC	0.005264	0.004604	0.003129	0.001712
2270002042	Construction and Mining Equipment	Cement & Mortar Mixers	Diesel	VOC	0.002464	0.002422	0.002198	0.001620
2270002045	Construction and Mining Equipment	Cranes	Diesel	VOC	0.082778	0.076058	0.059602	0.038732
2270002048	Construction and Mining Equipment	Graders	Diesel	VOC	0.079119	0.071039	0.058498	0.036900
2270002051	Construction and Mining Equipment	Off-highway Trucks	Diesel	VOC	0.273861	0.236592	0.169376	0.148329
2270002054	Construction and Mining Equipment	Crushing/Proc. Equipment	Diesel	VOC	0.016875	0.015440	0.011785	0.007154
2270002057	Construction and Mining Equipment	Rough Terrain Forklifts	Diesel	VOC	0.157816	0.145872	0.109870	0.059558
2270002060	Construction and Mining Equipment	Rubber Tire Loaders	Diesel	VOC	0.394987	0.367560	0.290308	0.190109



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SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2270002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	Diesel	VOC	0.681865	0.664008	0.580686	0.331696
2270002069	Construction and Mining Equipment	Crawler Tractor/Dozers	Diesel	VOC	0.343212	0.308170	0.236863	0.159046
2270002072	Construction and Mining Equipment	Skid Steer Loaders	Diesel	VOC	0.658322	0.632679	0.529259	0.306503
2270002075	Construction and Mining Equipment	Off-Highway Tractors	Diesel	VOC	0.046435	0.041251	0.029324	0.020411
2270002078	Construction and Mining Equipment	Dumpers/Tenders	Diesel	VOC	0.002001	0.001966	0.001754	0.001090
2270002081	Construction and Mining Equipment	Other Construction Equipment	Diesel	VOC	0.043330	0.039970	0.031427	0.020163
2270003010	Industrial Equipment	Aerial Lifts	Diesel	VOC	0.281288	0.278221	0.253203	0.168274
2270003020	Industrial Equipment	Forklifts	Diesel	VOC	0.992917	0.944638	0.723291	0.384641
2270003030	Industrial Equipment	Sweepers/Scrubbers	Diesel	VOC	0.513546	0.456162	0.358471	0.205379
2270003040	Industrial Equipment	Other General Industrial Eqp	Diesel	VOC	0.555906	0.523588	0.411177	0.251031
2270003050	Industrial Equipment	Other Material Handling Eqp	Diesel	VOC	0.052323	0.051388	0.046249	0.030538
2270003060	Industrial Equipment	AC\Refrigeration	Diesel	VOC	0.733319	0.623250	0.456258	0.245274
2270003070	Industrial Equipment	Terminal Tractors	Diesel	VOC	0.543993	0.518499	0.437000	0.261670
2270004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	Diesel	VOC	0.000158	0.000161	0.000156	0.000131
2270004036	Lawn and Garden Equipment (Com)	Snowblowers	Diesel	VOC	0.006436	0.006353	0.005827	0.004423
2270004046	Lawn and Garden Equipment (Com)	Front Mowers	Diesel	VOC	0.950872	0.903475	0.705257	0.479465
2270004056	Lawn and Garden Equipment (Com)	Lawn & Garden Tractors	Diesel	VOC	0.210584	0.196769	0.146042	0.121219
2270004066	Lawn and Garden Equipment (Com)	Chippers/Stump Grinders	Diesel	VOC	0.815097	0.815586	0.762889	0.572917
2270004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	Diesel	VOC	0.098280	0.081728	0.061445	0.041616
2270004076	Lawn and Garden Equipment (Com)	Other Lawn & Garden Eqp.	Diesel	VOC	0.003028	0.003024	0.002790	0.002141
2270005010	Agricultural Equipment	2-Wheel Tractors	Diesel	VOC	0.000365	0.000337	0.000238	0.000205
2270005015	Agricultural Equipment	Agricultural Tractors	Diesel	VOC	10.917964	9.819454	7.493049	4.410264
2270005020	Agricultural Equipment	Combines	Diesel	VOC	0.795134	0.777059	0.695367	0.495475
2270005025	Agricultural Equipment	Balers	Diesel	VOC	0.008049	0.007610	0.006219	0.003843
2270005030	Agricultural Equipment	Agricultural Mowers	Diesel	VOC	0.001296	0.001239	0.001037	0.000645
2270005035	Agricultural Equipment	Sprayers	Diesel	VOC	0.115987	0.107902	0.084317	0.049706
2270005040	Agricultural Equipment	Tillers > 6 HP	Diesel	VOC	0.000120	0.000113	0.000094	0.000061
2270005045	Agricultural Equipment	Swathers	Diesel	VOC	0.071587	0.071143	0.066323	0.047940
2270005055	Agricultural Equipment	Other Agricultural Equipment	Diesel	VOC	0.243386	0.223490	0.169723	0.101862
2270005060	Agricultural Equipment	Irrigation Sets	Diesel	VOC	0.149812	0.136035	0.101494	0.055759
2270006005	Commercial Equipment	Generator Sets	Diesel	VOC	0.451359	0.441280	0.389983	0.263877
2270006010	Commercial Equipment	Pumps	Diesel	VOC	0.099251	0.097642	0.087453	0.062267
2270006015	Commercial Equipment	Air Compressors	Diesel	VOC	0.223729	0.211900	0.168387	0.096490
2270006020	Commercial Equipment	Gas Compressors	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
2270006025	Commercial Equipment	Welders	Diesel	VOC	0.340594	0.332114	0.285948	0.158540
2270006030	Commercial Equipment	Pressure Washers	Diesel	VOC	0.014188	0.013978	0.012761	0.009550
2270006035	Commercial Equipment	Hydro Power Units	Diesel	VOC	0.010422	0.009687	0.007465	0.004444
2270007010	Logging Equipment	Shredders > 6 HP	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
2270007015	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	Diesel	VOC	0.343845	0.299291	0.213025	0.102130
2270008005	Airport Equipment	Airport Ground Support Equipment	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
2270009010	Construction and Mining Equipment	Other Underground Mining Equipment	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
2270010010	Industrial Equipment	Other Oil Field Equipment	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
2275000000	Aircraft	All Aircraft Types and Operations	Other	VOC				
2275070000	Aircraft	Auxiliary Power Units	Other	VOC				
2280000000	Marine Vessels	Commercial	All Fuels	VOC	0.000000	0.000000	0.000000	0.000000
2280001000	Marine Vessels	Commercial	Coal	VOC	0.000000	0.000000	0.000000	0.000000
2280002000	Marine Vessels	Commercial	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
2280003000	Marine Vessels	Commercial	Residual Fuel	VOC	0.000000	0.000000	0.000000	0.000000
2280004000	Marine Vessels	Commercial	Gasoline	VOC	0.000000	0.000000	0.000000	0.000000
2282005010	Pleasure Craft	Outboard	2 Stroke	VOC	24.296461	22.602803	17.915263	12.497395
2282005015	Pleasure Craft	Personal Water Craft	2 Stroke	VOC	8.506621	7.588465	5.024173	3.406011
2282010005	Pleasure Craft	Inboard/Stern Drive	4 Stroke	VOC	1.613727	1.607360	1.575836	1.523391
2282020005	Pleasure Craft	Inboard/Stern Drive	Diesel	VOC	0.042502	0.044721	0.046412	0.045901
2282020010	Pleasure Craft	Outboards	Diesel	VOC	0.001068	0.001017	0.000847	0.000501
2285002005	Railroad Equipment	Line Haul Locomotives	Diesel	VOC				
2285002010	Railroad Equipment	Yard Locomotive	Diesel	VOC				
2285002015	Railroad Equipment	Railway Maintenance	Diesel	VOC	0.003323	0.003269	0.002940	0.001915
2285004015	Railroad Equipment	Railway Maintenance	4 Stroke	VOC	0.001111	0.001008	0.000751	0.000779
2285006015	Railroad Equipment	Railway Maintenance	LPG	VOC	0.000011	0.000011	0.000008	0.000002
<b>Snyder County Total Annual VOC Emissions</b>					<b>397.071881</b>	<b>355.862647</b>	<b>235.643424</b>	<b>215.649554</b>

**Appendix D2: Snyder County Annual Nonroad Emissions by SCC**  
Tons per Year

SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2260001010	Recreational Equipment	Motorcycles: Off-Road	2 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2260001020	Recreational Equipment	Snowmobiles	2 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2260001030	Recreational Equipment	ATVs	2 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2260001060	Recreational Equipment	Specialty Vehicles/Carts	2 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2260002006	Construction and Mining Equipment	Tampers/Rammers	2 Stroke	CO	0.963571	0.953664	0.797482	0.812713
2260002009	Construction and Mining Equipment	Plate Compactors	2 Stroke	CO	0.046446	0.037527	0.029742	0.030474
2260002021	Construction and Mining Equipment	Paving Equipment	2 Stroke	CO	0.055743	0.044686	0.035877	0.036760
2260002027	Construction and Mining Equipment	Signal Boards/Light Plants	2 Stroke	CO	0.000408	0.000321	0.000276	0.000282
2260002039	Construction and Mining Equipment	Concrete/Industrial Saws	2 Stroke	CO	2.546246	2.400081	2.065909	2.116740
2260002054	Construction and Mining Equipment	Crushing/Proc. Equipment	2 Stroke	CO	0.010866	0.008556	0.007321	0.007501
2260003030	Industrial Equipment	Sweepers/Scrubbers	2 Stroke	CO	0.230224	0.160903	0.097958	0.034725
2260003040	Industrial Equipment	Other General Industrial Eqp	2 Stroke	CO	0.018342	0.012820	0.007805	0.002767
2260004015	Lawn and Garden Equipment (Res)	Rotary Tillers < 6 HP	2 Stroke	CO	0.601473	0.547556	0.409171	0.435524
2260004016	Lawn and Garden Equipment (Com)	Rotary Tillers < 6 HP	2 Stroke	CO	9.202313	8.370803	6.233614	7.028327
2260004020	Lawn and Garden Equipment (Res)	Chain Saws < 6 HP	2 Stroke	CO	7.845638	7.173006	5.461555	6.187819
2260004021	Lawn and Garden Equipment (Com)	Chain Saws < 6 HP	2 Stroke	CO	135.358919	132.142602	121.999769	142.143002
2260004025	Lawn and Garden Equipment (Res)	Trimmers/Edgers/Brush Cutter	2 Stroke	CO	11.318274	10.154882	7.062865	7.933474
2260004026	Lawn and Garden Equipment (Com)	Trimmers/Edgers/Brush Cutter	2 Stroke	CO	91.462915	80.602445	66.728942	77.687005
2260004030	Lawn and Garden Equipment (Res)	Leafblowers/Vacuums	2 Stroke	CO	7.063536	6.431335	4.787442	5.415808
2260004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	2 Stroke	CO	92.235733	86.596047	74.501835	86.569428
2260004035	Lawn and Garden Equipment (Res)	Snowblowers	2 Stroke	CO	4.124494	4.298936	4.731832	5.514289
2260004036	Lawn and Garden Equipment (Com)	Snowblowers	2 Stroke	CO	10.640142	11.090154	12.206925	14.225469
2260004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	2 Stroke	CO	0.037627	0.032827	0.026621	0.031021
2260005035	Agricultural Equipment	Sprayers	2 Stroke	CO	0.424004	0.358143	0.248349	0.280211
2260006005	Commercial Equipment	Generator Sets	2 Stroke	CO	0.676434	0.583262	0.514167	0.637668
2260006010	Commercial Equipment	Pumps	2 Stroke	CO	4.763184	3.780727	3.378633	4.134072
2260006015	Commercial Equipment	Air Compressors	2 Stroke	CO	0.001763	0.001466	0.001447	0.001795
2260006035	Commercial Equipment	Hydro Power Units	2 Stroke	CO	0.027398	0.022812	0.022429	0.027811
2260007005	Logging Equipment	Chain Saws > 6 HP	2 Stroke	CO	5.661669	5.851305	5.769194	7.306478
2265001010	Recreational Equipment	Motorcycles: Off-Road	4 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2265001030	Recreational Equipment	ATVs	4 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2265001050	Recreational Equipment	Golf Carts	4 Stroke	CO	285.149600	297.182530	312.922490	333.616090
2265001060	Recreational Equipment	Specialty Vehicles/Carts	4 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2265002003	Construction and Mining Equipment	Pavers	4 Stroke	CO	0.835182	0.858207	0.860883	0.852563
2265002006	Construction and Mining Equipment	Tampers/Rammers	4 Stroke	CO	0.006605	0.006771	0.007183	0.007382
2265002009	Construction and Mining Equipment	Plate Compactors	4 Stroke	CO	1.542328	1.564515	1.597851	1.632798
2265002015	Construction and Mining Equipment	Rollers	4 Stroke	CO	1.565311	1.604600	1.596162	1.598163
2265002021	Construction and Mining Equipment	Paving Equipment	4 Stroke	CO	3.019786	3.075681	3.192321	3.276492
2265002024	Construction and Mining Equipment	Surfacing Equipment	4 Stroke	CO	1.368776	1.408638	1.442275	1.473136
2265002027	Construction and Mining Equipment	Signal Boards/Light Plants	4 Stroke	CO	0.069653	0.071343	0.072597	0.074386
2265002030	Construction and Mining Equipment	Trenchers	4 Stroke	CO	2.559822	2.618261	2.607655	2.576830
2265002033	Construction and Mining Equipment	Bore/Drill Rigs	4 Stroke	CO	0.754172	0.757347	0.750841	0.744908
2265002039	Construction and Mining Equipment	Concrete/Industrial Saws	4 Stroke	CO	6.321498	6.494424	6.558252	6.679668
2265002042	Construction and Mining Equipment	Cement & Mortar Mixers	4 Stroke	CO	2.644059	2.633471	2.715965	2.816625
2265002045	Construction and Mining Equipment	Cranes	4 Stroke	CO	0.105815	0.104724	0.098908	0.057518
2265002054	Construction and Mining Equipment	Crushing/Proc. Equipment	4 Stroke	CO	0.371205	0.382267	0.390066	0.393652
2265002057	Construction and Mining Equipment	Rough Terrain Forklifts	4 Stroke	CO	0.138124	0.132200	0.091216	0.026962
2265002060	Construction and Mining Equipment	Rubber Tire Loaders	4 Stroke	CO	0.331167	0.310591	0.174170	0.031438
2265002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	4 Stroke	CO	1.990702	2.056592	2.111090	2.150195
2265002072	Construction and Mining Equipment	Skid Steer Loaders	4 Stroke	CO	0.880672	0.888152	0.853326	0.754830
2265002078	Construction and Mining Equipment	Dumpers/Tenders	4 Stroke	CO	0.411702	0.409994	0.422440	0.439028
2265002081	Construction and Mining Equipment	Other Construction Equipment	4 Stroke	CO	0.116111	0.112783	0.089714	0.041724
2265003010	Industrial Equipment	Aerial Lifts	4 Stroke	CO	21.569911	19.397938	13.518477	4.548263
2265003020	Industrial Equipment	Forklifts	4 Stroke	CO	48.759508	41.702547	19.373256	1.335976
2265003030	Industrial Equipment	Sweepers/Scrubbers	4 Stroke	CO	20.960240	18.604321	11.028065	3.390028
2265003040	Industrial Equipment	Other General Industrial Eqp	4 Stroke	CO	53.472206	48.459299	33.654387	11.720132
2265003050	Industrial Equipment	Other Material Handling Eqp	4 Stroke	CO	1.649034	1.496151	1.046182	0.329450
2265003060	Industrial Equipment	AC\Refrigeration	4 Stroke	CO	0.444491	0.412717	0.302212	0.108134
2265003070	Industrial Equipment	Terminal Tractors	4 Stroke	CO	5.063480	4.094017	0.901314	0.088794
2265004010	Lawn and Garden Equipment (Res)	Lawn mowers	4 Stroke	CO	114.567649	118.699105	129.225212	147.720300
2265004011	Lawn and Garden Equipment (Com)	Lawn mowers	4 Stroke	CO	316.846789	330.226651	355.020298	411.601963
2265004015	Lawn and Garden Equipment (Res)	Rotary Tillers < 6 HP	4 Stroke	CO	9.650432	9.986764	10.854393	12.385362
2265004016	Lawn and Garden Equipment (Com)	Rotary Tillers < 6 HP	4 Stroke	CO	154.361740	160.666750	175.042500	200.757830
2265004025	Lawn and Garden Equipment (Res)	Trimmers/Edgers/Brush Cutter	4 Stroke	CO	0.643402	0.668587	0.727067	0.832779
2265004026	Lawn and Garden Equipment (Com)	Trimmers/Edgers/Brush Cutter	4 Stroke	CO	7.868580	8.340875	9.189870	10.669562
2265004030	Lawn and Garden Equipment (Res)	Leafblowers/Vacuums	4 Stroke	CO	1.229842	1.278003	1.388624	1.589218
2265004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	4 Stroke	CO	314.923956	337.200862	369.942226	414.656538
2265004035	Lawn and Garden Equipment (Res)	Snowblowers	4 Stroke	CO	12.116851	12.630829	13.904998	16.207665
2265004036	Lawn and Garden Equipment (Com)	Snowblowers	4 Stroke	CO	31.256704	32.582556	35.869472	41.809485
2265004040	Lawn and Garden Equipment (Res)	Rear Engine Riding Mowers	4 Stroke	CO	26.943568	28.296078	32.326804	37.961366
2265004041	Lawn and Garden Equipment (Com)	Rear Engine Riding Mowers	4 Stroke	CO	40.775194	43.744223	49.401164	57.584915
2265004046	Lawn and Garden Equipment (Com)	Front Mowers	4 Stroke	CO	44.033558	45.541834	51.230148	60.882848
2265004051	Lawn and Garden Equipment (Com)	Shredders < 6 HP	4 Stroke	CO	17.688127	18.397371	20.063538	22.984082
2265004055	Lawn and Garden Equipment (Res)	Lawn & Garden Tractors	4 Stroke	CO	358.244111	376.543961	433.222866	509.479153
2265004056	Lawn and Garden Equipment (Com)	Lawn & Garden Tractors	4 Stroke	CO	548.431414	591.724824	671.609405	782.894173
2265004066	Lawn and Garden Equipment (Com)	Chippers/Stump Grinders	4 Stroke	CO	72.834246	76.344976	76.970166	82.077188
2265004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	4 Stroke	CO	1696.399548	1788.223318	1942.972428	2253.471567
2265004075	Lawn and Garden Equipment (Res)	Other Lawn & Garden Eqp.	4 Stroke	CO	11.693638	12.100539	13.250202	15.533651
2265004076	Lawn and Garden Equipment (Com)	Other Lawn & Garden Eqp.	4 Stroke	CO	47.960414	49.627413	54.327031	63.655192
2265005010	Agricultural Equipment	2-Wheel Tractors	4 Stroke	CO	1.469202	1.571906	1.742640	1.973481
2265005015	Agricultural Equipment	Agricultural Tractors	4 Stroke	CO	2.971722	2.985395	2.426995	1.793230
2265005020	Agricultural Equipment	Combines	4 Stroke	CO	0.014292	0.014363	0.012911	0.009103

**Appendix D2: Snyder County Annual Nonroad Emissions by SCC**  
Tons per Year

SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2265005025	Agricultural Equipment	Balers	4 Stroke	CO	1.350819	1.357628	1.220666	0.861430
2265005030	Agricultural Equipment	Agricultural Mowers	4 Stroke	CO	1.142568	1.188127	1.330755	1.523714
2265005035	Agricultural Equipment	Sprayers	4 Stroke	CO	9.779257	10.009364	10.619236	11.647215
2265005040	Agricultural Equipment	Tillers > 6 HP	4 Stroke	CO	24.317355	24.940281	26.591474	29.843846
2265005045	Agricultural Equipment	Swathers	4 Stroke	CO	2.139580	2.150366	1.933429	1.364429
2265005055	Agricultural Equipment	Other Agricultural Equipment	4 Stroke	CO	4.439139	4.522835	4.530350	4.283619
2265005060	Agricultural Equipment	Irrigation Sets	4 Stroke	CO	4.164179	3.982871	2.183325	0.872098
2265006005	Commercial Equipment	Generator Sets	4 Stroke	CO	190.233064	203.665904	242.011450	303.437848
2265006010	Commercial Equipment	Pumps	4 Stroke	CO	43.957905	47.518862	54.456341	66.686437
2265006015	Commercial Equipment	Air Compressors	4 Stroke	CO	21.836187	23.566483	26.571306	31.753810
2265006025	Commercial Equipment	Welders	4 Stroke	CO	54.858432	59.821662	69.092223	83.517300
2265006030	Commercial Equipment	Pressure Washers	4 Stroke	CO	83.315284	90.081130	106.079502	131.596205
2265006035	Commercial Equipment	Hydro Power Units	4 Stroke	CO	4.216071	4.608376	5.398330	6.682842
2265007010	Logging Equipment	Shredders > 6 HP	4 Stroke	CO	12.185804	12.973244	15.415733	20.100486
2265007015	Logging Equipment	Forest Eq - Feller/Bunch/Skidder	4 Stroke	CO	0.145301	0.157918	0.183830	0.232840
2265008005	Airport Equipment	Airport Ground Support Equipment	4 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2265010010	Industrial Equipment	Other Oil Field Equipment	4 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2267001060	Recreational Equipment	Specialty Vehicle Carts	LPG	CO	0.000000	0.000000	0.000000	0.000000
2267002003	Construction and Mining Equipment	Pavers	LPG	CO	0.020064	0.020620	0.015851	0.004421
2267002015	Construction and Mining Equipment	Rollers	LPG	CO	0.034118	0.034867	0.022117	0.004992
2267002021	Construction and Mining Equipment	Paving Equipment	LPG	CO	0.005235	0.005408	0.004853	0.002459
2267002024	Construction and Mining Equipment	Surfacing Equipment	LPG	CO	0.003464	0.003556	0.002638	0.000730
2267002030	Construction and Mining Equipment	Trenchers	LPG	CO	0.061397	0.063141	0.049558	0.013809
2267002033	Construction and Mining Equipment	Bore/Drill Rigs	LPG	CO	0.019828	0.020536	0.019664	0.014394
2267002039	Construction and Mining Equipment	Concrete/Industrial Saws	LPG	CO	0.059828	0.060792	0.030602	0.007770
2267002045	Construction and Mining Equipment	Cranes	LPG	CO	0.021407	0.022114	0.019825	0.009966
2267002054	Construction and Mining Equipment	Crushing/Proc. Equipment	LPG	CO	0.003566	0.003682	0.003269	0.001529
2267002057	Construction and Mining Equipment	Rough Terrain Forklifts	LPG	CO	0.038902	0.040074	0.033175	0.009904
2267002060	Construction and Mining Equipment	Rubber Tire Loaders	LPG	CO	0.097495	0.100125	0.075083	0.016046
2267002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	LPG	CO	0.010408	0.010659	0.007257	0.001471
2267002072	Construction and Mining Equipment	Skid Steer Loaders	LPG	CO	0.079672	0.082194	0.071032	0.033106
2267002081	Construction and Mining Equipment	Other Construction Equipment	LPG	CO	0.031888	0.032960	0.030035	0.016767
2267003010	Industrial Equipment	Aerial Lifts	LPG	CO	3.642234	3.830584	3.528102	1.959535
2267003020	Industrial Equipment	Forklifts	LPG	CO	348.908976	364.687371	282.011850	63.632070
2267003030	Industrial Equipment	Sweepers/Scrubbers	LPG	CO	2.695549	2.798453	1.745188	0.429124
2267003040	Industrial Equipment	Other General Industrial Equipm	LPG	CO	0.817321	0.851520	0.597733	0.135430
2267003050	Industrial Equipment	Other Material Handling Equipment	LPG	CO	0.196991	0.207100	0.189239	0.091134
2267003070	Industrial Equipment	Terminal Tractors	LPG	CO	1.651345	1.707887	0.914616	0.234336
2267004066	Lawn and Garden Equipment (Com)	Chippers/Stump Grinders	LPG	CO	4.291083	4.402736	3.117954	0.666213
2267005055	Agricultural Equipment	Other Agricultural Equipment	LPG	CO	0.009000	0.008961	0.008066	0.005544
2267005060	Agricultural Equipment	Irrigation Sets	LPG	CO	0.007689	0.007572	0.004867	0.000811
2267006005	Commercial Equipment	Generator Sets	LPG	CO	1.820359	2.023972	2.160140	1.819244
2267006010	Commercial Equipment	Pumps	LPG	CO	0.431166	0.477726	0.469476	0.280195
2267006015	Commercial Equipment	Air Compressors	LPG	CO	0.525760	0.581174	0.538973	0.212833
2267006025	Commercial Equipment	Welders	LPG	CO	0.948770	1.049092	0.963184	0.309677
2267006030	Commercial Equipment	Pressure Washers	LPG	CO	0.012299	0.013650	0.013737	0.008318
2267006035	Commercial Equipment	Hydro Power Units	LPG	CO	0.008206	0.009046	0.007678	0.003057
2267008005	Airport Equipment	Airport Ground Support Equipment	LPG	CO	0.000000	0.000000	0.000000	0.000000
2268002081	Construction and Mining Equipment	Other Construction Equipment	CNG	CO	0.001258	0.001300	0.001185	0.000661
2268003020	Industrial Equipment	Forklifts	CNG	CO	25.444824	26.300423	20.072830	4.399179
2268003030	Industrial Equipment	Sweepers/Scrubbers	CNG	CO	0.030430	0.031447	0.023856	0.005145
2268003040	Industrial Equipment	Other General Industrial Equipment	CNG	CO	0.019889	0.020537	0.015129	0.003198
2268003060	Industrial Equipment	AC\Refrigeration	CNG	CO	0.019487	0.020077	0.013625	0.003350
2268003070	Industrial Equipment	Terminal Tractors	CNG	CO	0.116296	0.119069	0.062795	0.015566
2268005055	Agricultural Equipment	Other Agricultural Equipment	CNG	CO	0.011853	0.009740	0.005509	0.001555
2268005060	Agricultural Equipment	Irrigation Sets	CNG	CO	0.908606	0.534764	0.061711	0.000000
2268006005	Commercial Equipment	Generator Sets	CNG	CO	0.604464	0.642697	0.648283	0.524940
2268006010	Commercial Equipment	Pumps	CNG	CO	0.030622	0.032473	0.030985	0.019989
2268006015	Commercial Equipment	Air Compressors	CNG	CO	0.044338	0.046863	0.041259	0.014937
2268006020	Commercial Equipment	Gas Compressors	CNG	CO	2.653312	2.497003	0.317776	0.397107
2268006035	Commercial Equipment	Hydro Power Units	CNG	CO	0.000000	0.000000	0.000000	0.000000
2268010010	Industrial Equipment	Other Oil Field Equipment	CNG	CO	0.000000	0.000000	0.000000	0.000000
2270001060	Recreational Equipment	Specialty Vehicle Carts	Diesel	CO	0.000000	0.000000	0.000000	0.000000
2270002003	Construction and Mining Equipment	Pavers	Diesel	CO	0.203777	0.178916	0.150741	0.065315
2270002006	Construction and Mining Equipment	Tampers/Rammers	Diesel	CO	0.000514	0.000526	0.000549	0.000620
2270002009	Construction and Mining Equipment	Plate Compactors	Diesel	CO	0.008229	0.008247	0.008087	0.008647
2270002015	Construction and Mining Equipment	Rollers	Diesel	CO	0.586361	0.529980	0.446469	0.215883
2270002018	Construction and Mining Equipment	Scrapers	Diesel	CO	0.529842	0.483157	0.405467	0.188961
2270002021	Construction and Mining Equipment	Paving Equipment	Diesel	CO	0.038041	0.034903	0.027906	0.015500
2270002024	Construction and Mining Equipment	Surfacing Equipment	Diesel	CO	0.028701	0.026811	0.022154	0.012522
2270002027	Construction and Mining Equipment	Signal Boards/Light Plants	Diesel	CO	0.074911	0.070578	0.056638	0.046557
2270002030	Construction and Mining Equipment	Trenchers	Diesel	CO	0.352022	0.329603	0.272774	0.147284
2270002033	Construction and Mining Equipment	Bore/Drill Rigs	Diesel	CO	0.211462	0.202653	0.176923	0.108299
2270002036	Construction and Mining Equipment	Excavators	Diesel	CO	1.626629	1.378353	1.248262	0.387188
2270002039	Construction and Mining Equipment	Concrete/Industrial Saws	Diesel	CO	0.027222	0.025240	0.020944	0.011194
2270002042	Construction and Mining Equipment	Cement & Mortar Mixers	Diesel	CO	0.009339	0.009281	0.009012	0.007302
2270002045	Construction and Mining Equipment	Cranes	Diesel	CO	0.296964	0.272845	0.223696	0.108140
2270002048	Construction and Mining Equipment	Graders	Diesel	CO	0.383166	0.313899	0.277575	0.097127
2270002051	Construction and Mining Equipment	Off-highway Trucks	Diesel	CO	1.662074	1.392275	1.027399	0.217168
2270002054	Construction and Mining Equipment	Crushing/Proc. Equipment	Diesel	CO	0.069549	0.064024	0.053914	0.028725
2270002057	Construction and Mining Equipment	Rough Terrain Forklifts	Diesel	CO	0.875538	0.822728	0.715676	0.387726
2270002060	Construction and Mining Equipment	Rubber Tire Loaders	Diesel	CO	2.252148	2.064476	1.695623	0.795738

**Appendix D2: Snyder County Annual Nonroad Emissions by SCC**  
Tons per Year

SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2270002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	Diesel	CO	2.751024	2.723248	2.612485	1.695845
2270002069	Construction and Mining Equipment	Crawler Tractor/Dozers	Diesel	CO	1.927317	1.711421	1.447425	0.599879
2270002072	Construction and Mining Equipment	Skid Steer Loaders	Diesel	CO	2.405799	2.390877	2.246900	1.535214
2270002075	Construction and Mining Equipment	Off-Highway Tractors	Diesel	CO	0.292021	0.261857	0.200785	0.089177
2270002078	Construction and Mining Equipment	Dumpers/Tenders	Diesel	CO	0.006878	0.006963	0.006848	0.004918
2270002081	Construction and Mining Equipment	Other Construction Equipment	Diesel	CO	0.279784	0.258332	0.209031	0.110587
2270003010	Industrial Equipment	Aerial Lifts	Diesel	CO	0.967169	0.988913	0.996312	0.753656
2270003020	Industrial Equipment	Forklifts	Diesel	CO	5.873662	5.853734	6.244551	1.082861
2270003030	Industrial Equipment	Sweepers/Scrubbers	Diesel	CO	1.807374	1.600163	1.480911	0.635173
2270003040	Industrial Equipment	Other General Industrial Eqp	Diesel	CO	1.960293	1.842847	1.567054	0.882500
2270003050	Industrial Equipment	Other Material Handling Eqp	Diesel	CO	0.179623	0.178537	0.171543	0.118186
2270003060	Industrial Equipment	AC\Refrigeration	Diesel	CO	2.798101	2.599153	2.584366	1.340616
2270003070	Industrial Equipment	Terminal Tractors	Diesel	CO	2.483952	2.259034	2.344290	0.524101
2270004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	Diesel	CO	0.000480	0.000503	0.000547	0.000564
2270004036	Lawn and Garden Equipment (Com)	Snowblowers	Diesel	CO	0.026144	0.025739	0.023808	0.015168
2270004046	Lawn and Garden Equipment (Com)	Front Mowers	Diesel	CO	3.031189	3.006173	2.752510	2.230514
2270004056	Lawn and Garden Equipment (Com)	Lawn & Garden Tractors	Diesel	CO	0.662363	0.649796	0.574753	0.588976
2270004066	Lawn and Garden Equipment (Com)	Chippers/Stump Grinders	Diesel	CO	3.231080	3.255905	3.225178	2.323993
2270004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	Diesel	CO	0.340799	0.304122	0.282856	0.156413
2270004076	Lawn and Garden Equipment (Com)	Other Lawn & Garden Eqp.	Diesel	CO	0.010814	0.011111	0.011497	0.010100
2270005010	Agricultural Equipment	2-Wheel Tractors	Diesel	CO	0.001988	0.001990	0.001842	0.001576
2270005015	Agricultural Equipment	Agricultural Tractors	Diesel	CO	53.279035	49.194435	40.401398	22.023562
2270005020	Agricultural Equipment	Combines	Diesel	CO	3.318536	3.268364	3.109022	2.038703
2270005025	Agricultural Equipment	Balers	Diesel	CO	0.027696	0.027620	0.026893	0.019702
2270005030	Agricultural Equipment	Agricultural Mowers	Diesel	CO	0.006364	0.006341	0.006235	0.004481
2270005035	Agricultural Equipment	Sprayers	Diesel	CO	0.373739	0.359974	0.321366	0.201290
2270005040	Agricultural Equipment	Tillers > 6 HP	Diesel	CO	0.000721	0.000686	0.000587	0.000355
2270005045	Agricultural Equipment	Swathers	Diesel	CO	0.319255	0.330300	0.355263	0.284414
2270005055	Agricultural Equipment	Other Agricultural Equipment	Diesel	CO	1.058346	0.997057	0.835388	0.471851
2270005060	Agricultural Equipment	Irrigation Sets	Diesel	CO	0.474192	0.452201	0.399115	0.233344
2270006005	Commercial Equipment	Generator Sets	Diesel	CO	1.593122	1.582860	1.513714	1.109347
2270006010	Commercial Equipment	Pumps	Diesel	CO	0.370483	0.369589	0.358895	0.274768
2270006015	Commercial Equipment	Air Compressors	Diesel	CO	0.845162	0.824558	0.780580	0.485378
2270006020	Commercial Equipment	Gas Compressors	Diesel	CO	0.000000	0.000000	0.000000	0.000000
2270006025	Commercial Equipment	Welders	Diesel	CO	1.254165	1.254887	1.175277	0.756312
2270006030	Commercial Equipment	Pressure Washers	Diesel	CO	0.047972	0.047476	0.045134	0.034254
2270006035	Commercial Equipment	Hydro Power Units	Diesel	CO	0.038187	0.036854	0.034174	0.022095
2270007010	Logging Equipment	Shredders > 6 HP	Diesel	CO	0.000000	0.000000	0.000000	0.000000
2270007015	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	Diesel	CO	1.626792	1.329068	1.093771	0.208705
2270008005	Airport Equipment	Airport Ground Support Equipment	Diesel	CO	0.000000	0.000000	0.000000	0.000000
2270009010	Construction and Mining Equipment	Other Underground Mining Equipment	Diesel	CO	0.000000	0.000000	0.000000	0.000000
2270010010	Industrial Equipment	Other Oil Field Equipment	Diesel	CO	0.000000	0.000000	0.000000	0.000000
2275000000	Aircraft	All Aircraft Types and Operations	Other	CO				
2275070000	Aircraft	Auxiliary Power Units	Other	CO				
2280000000	Marine Vessels	Commercial	All Fuels	CO	0.000000	0.000000	0.000000	0.000000
2280001000	Marine Vessels	Commercial	Coal	CO	0.000000	0.000000	0.000000	0.000000
2280002000	Marine Vessels	Commercial	Diesel	CO	0.000000	0.000000	0.000000	0.000000
2280003000	Marine Vessels	Commercial	Residual Fuel	CO	0.000000	0.000000	0.000000	0.000000
2280004000	Marine Vessels	Commercial	Gasoline	CO	0.000000	0.000000	0.000000	0.000000
2282005010	Pleasure Craft	Outboard	2 Stroke	CO	47.487587	45.610263	40.163816	34.819804
2282005015	Pleasure Craft	Personal Water Craft	2 Stroke	CO	17.185003	16.703348	15.664060	15.548019
2282010005	Pleasure Craft	Inboard/Stern Drive	4 Stroke	CO	23.517921	22.979921	21.188347	17.988094
2282020005	Pleasure Craft	Inboard/Stern Drive	Diesel	CO	0.179695	0.189570	0.214189	0.258073
2282020010	Pleasure Craft	Outboards	Diesel	CO	0.003084	0.003014	0.002725	0.002052
2285002005	Railroad Equipment	Line Haul Locomotives	Diesel	CO				
2285002010	Railroad Equipment	Yard Locomotive	Diesel	CO				
2285002015	Railroad Equipment	Railway Maintenance	Diesel	CO	0.014148	0.013796	0.012541	0.007908
2285004015	Railroad Equipment	Railway Maintenance	4 Stroke	CO	0.039307	0.041177	0.044593	0.048563
2285006015	Railroad Equipment	Railway Maintenance	LPG	CO	0.000169	0.000175	0.000153	0.000061

**Snyder  
County Total  
Annual CO  
Emissions**

**5728.098866 5953.615589 6235.366807 6782.002657**

**Appendix D2: Snyder County Daily Nonroad Emissions by Category**  
**Tons per Day**

Tons/Summer Day

Equipment Type	Fuel	Pollutant	2002	2004	2009	2018
Recreational	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
Recreational	Gasoline	VOC	0.018896	0.016900	0.016158	0.017227
Recreational	CNG	VOC	0.000000	0.000000	0.000000	0.000000
Recreational	LPG	VOC	0.000000	0.000000	0.000000	0.000000
Construction	Diesel	VOC	0.012846	0.011928	0.009606	0.006020
Construction	Gasoline	VOC	0.007790	0.006814	0.003910	0.003726
Construction	CNG	VOC	0.000000	0.000000	0.000000	0.000000
Construction	LPG	VOC	0.000121	0.000116	0.000071	0.000021
Industrial	Diesel	VOC	0.011192	0.010371	0.008218	0.004741
Industrial	Gasoline	VOC	0.019002	0.015949	0.006664	0.001491
Industrial	CNG	VOC	0.000320	0.000308	0.000176	0.000025
Industrial	LPG	VOC	0.075853	0.073694	0.042574	0.006269
Lawn and Garden	Diesel	VOC	0.009995	0.009624	0.008074	0.005856
Lawn and Garden	Gasoline	VOC	1.166486	1.027532	0.656453	0.678381
Lawn and Garden	CNG	VOC	0.000000	0.000000	0.000000	0.000000
Lawn and Garden	LPG	VOC	0.001393	0.001319	0.000669	0.000092
Farm	Diesel	VOC	0.061646	0.055838	0.043179	0.025882
Farm	Gasoline	VOC	0.011258	0.010741	0.008862	0.007263
Farm	CNG	VOC	0.000018	0.000011	0.000001	0.000000
Farm	LPG	VOC	0.000006	0.000005	0.000004	0.000002
Light Commercial	Diesel	VOC	0.003574	0.003471	0.002986	0.001867
Light Commercial	Gasoline	VOC	0.053227	0.049807	0.039610	0.045065
Light Commercial	CNG	VOC	0.000042	0.000022	0.000010	0.000008
Light Commercial	LPG	VOC	0.000869	0.000904	0.000752	0.000403
Logging	Diesel	VOC	0.001078	0.000939	0.000668	0.000320
Logging	Gasoline	VOC	0.007831	0.007446	0.004493	0.005475
Logging	CNG	VOC	0.000000	0.000000	0.000000	0.000000
Logging	LPG	VOC	0.000000	0.000000	0.000000	0.000000
Airport Service	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
Airport Service	Gasoline	VOC	0.000000	0.000000	0.000000	0.000000
Airport Service	CNG	VOC	0.000000	0.000000	0.000000	0.000000
Airport Service	LPG	VOC	0.000000	0.000000	0.000000	0.000000
Railway Maintenance	Diesel	VOC	0.000011	0.000011	0.000010	0.000006
Railway Maintenance	Gasoline	VOC	0.000004	0.000004	0.000003	0.000003
Railway Maintenance	CNG	VOC	0.000000	0.000000	0.000000	0.000000
Railway Maintenance	LPG	VOC	0.000000	0.000000	0.000000	0.000000
Recreational Marine Vessels	Diesel	VOC	0.000112	0.000118	0.000122	0.000120
Recreational Marine Vessels	Gasoline	VOC	0.100633	0.094077	0.075777	0.058364
Recreational Marine Vessels	CNG	VOC	0.000000	0.000000	0.000000	0.000000
Recreational Marine Vessels	LPG	VOC	0.000000	0.000000	0.000000	0.000000
Aircraft	Other	VOC	0.005862	0.005380	0.006272	0.007386
Marine Vessels	Coal	VOC	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Residual Oil	VOC	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Gasoline	VOC	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Other	VOC	0.000000	0.000000	0.000000	0.000000
Railroads	Diesel	VOC	0.003821	0.013382	0.012726	0.012808
<b>Snyder County VOC Totals</b>			<b>1.573886</b>	<b>1.416707</b>	<b>0.948050</b>	<b>0.888823</b>

**Appendix D2: Snyder County Daily Nonroad Emissions by Category  
Tons per Day**

Tons/Summer Day

Equipment Type	Fuel	Pollutant	2002	2004	2009	2018
Recreational	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
Recreational	Gasoline	NOx	0.004661	0.004148	0.003952	0.004213
Recreational	CNG	NOx	0.000000	0.000000	0.000000	0.000000
Recreational	LPG	NOx	0.000000	0.000000	0.000000	0.000000
Construction	Diesel	NOx	0.111164	0.107527	0.093363	0.048504
Construction	Gasoline	NOx	0.000822	0.000756	0.000550	0.000438
Construction	CNG	NOx	0.000001	0.000001	0.000001	0.000000
Construction	LPG	NOx	0.000444	0.000423	0.000256	0.000089
Industrial	Diesel	NOx	0.107391	0.104772	0.090685	0.042651
Industrial	Gasoline	NOx	0.012514	0.010473	0.004640	0.000706
Industrial	CNG	NOx	0.019886	0.018970	0.010580	0.002476
Industrial	LPG	NOx	0.278195	0.267838	0.150787	0.035906
Lawn and Garden	Diesel	NOx	0.066590	0.069121	0.071398	0.063026
Lawn and Garden	Gasoline	NOx	0.123758	0.116323	0.093630	0.097077
Lawn and Garden	CNG	NOx	0.000000	0.000000	0.000000	0.000000
Lawn and Garden	LPG	NOx	0.005094	0.004776	0.002370	0.000560
Farm	Diesel	NOx	0.506652	0.492095	0.442651	0.283475
Farm	Gasoline	NOx	0.004107	0.004039	0.003182	0.002347
Farm	CNG	NOx	0.001074	0.000622	0.000075	0.000002
Farm	LPG	NOx	0.000021	0.000019	0.000013	0.000006
Light Commercial	Diesel	NOx	0.020420	0.020916	0.020925	0.016531
Light Commercial	Gasoline	NOx	0.008502	0.008418	0.007406	0.008055
Light Commercial	CNG	NOx	0.002648	0.001453	0.000891	0.000717
Light Commercial	LPG	NOx	0.004012	0.004161	0.003447	0.001990
Logging	Diesel	NOx	0.014830	0.013110	0.008776	0.001838
Logging	Gasoline	NOx	0.000289	0.000306	0.000297	0.000341
Logging	CNG	NOx	0.000000	0.000000	0.000000	0.000000
Logging	LPG	NOx	0.000000	0.000000	0.000000	0.000000
Airport Service	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
Airport Service	Gasoline	NOx	0.000000	0.000000	0.000000	0.000000
Airport Service	CNG	NOx	0.000000	0.000000	0.000000	0.000000
Airport Service	LPG	NOx	0.000000	0.000000	0.000000	0.000000
Railway Maintenance	Diesel	NOx	0.000058	0.000058	0.000056	0.000040
Railway Maintenance	Gasoline	NOx	0.000001	0.000001	0.000001	0.000001
Railway Maintenance	CNG	NOx	0.000000	0.000000	0.000000	0.000000
Railway Maintenance	LPG	NOx	0.000000	0.000000	0.000000	0.000000
Recreational Marine Vessels	Diesel	NOx	0.002938	0.003103	0.003310	0.003492
Recreational Marine Vessels	Gasoline	NOx	0.003502	0.003917	0.005020	0.006517
Recreational Marine Vessels	CNG	NOx	0.000000	0.000000	0.000000	0.000000
Recreational Marine Vessels	LPG	NOx	0.000000	0.000000	0.000000	0.000000
Aircraft	Other	NOx	0.008248	0.008000	0.008825	0.010392
Marine Vessels	Coal	NOx	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Residual Oil	NOx	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Gasoline	NOx	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Other	NOx	0.000000	0.000000	0.000000	0.000000
Railroads	Diesel	NOx	0.088398	0.079992	0.066829	0.057927
<b>Snyder County NOx Totals</b>			<b>1.396217</b>	<b>1.345342</b>	<b>1.093914</b>	<b>0.689317</b>

**Appendix D2: Snyder County Daily Nonroad Emissions by Category  
Tons per Day**

Equipment Type	Fuel	Pollutant	Tons/Summer Day			
			2002	2004	2009	2018
Recreational	Diesel	CO	0.000000	0.000000	0.000000	0.000000
Recreational	Gasoline	CO	1.012585	1.055315	1.111208	1.184693
Recreational	CNG	CO	0.000000	0.000000	0.000000	0.000000
Recreational	LPG	CO	0.000000	0.000000	0.000000	0.000000
Construction	Diesel	CO	0.062203	0.057278	0.049940	0.025344
Construction	Gasoline	CO	0.108432	0.109515	0.108151	0.108417
Construction	CNG	CO	0.000005	0.000005	0.000004	0.000002
Construction	LPG	CO	0.001794	0.001843	0.001417	0.000506
Industrial	Diesel	CO	0.049146	0.046890	0.047105	0.016138
Industrial	Gasoline	CO	0.492302	0.434623	0.258565	0.069726
Industrial	CNG	CO	0.080375	0.083074	0.063308	0.013881
Industrial	LPG	CO	1.122485	1.173199	0.906320	0.208500
Lawn and Garden	Diesel	CO	0.035001	0.034765	0.032948	0.025544
Lawn and Garden	Gasoline	CO	19.412209	20.329217	22.013720	25.462247
Lawn and Garden	CNG	CO	0.000000	0.000000	0.000000	0.000000
Lawn and Garden	LPG	CO	0.020640	0.021177	0.014997	0.003204
Farm	Diesel	CO	0.294911	0.273762	0.227758	0.126659
Farm	Gasoline	CO	0.269925	0.274430	0.273200	0.281532
Farm	CNG	CO	0.004612	0.002728	0.000337	0.000008
Farm	LPG	CO	0.000084	0.000083	0.000065	0.000032
Light Commercial	Diesel	CO	0.013012	0.012909	0.012256	0.008412
Light Commercial	Gasoline	CO	1.306740	1.403192	1.642357	2.033757
Light Commercial	CNG	CO	0.010452	0.010096	0.003256	0.003001
Light Commercial	LPG	CO	0.011750	0.013030	0.013025	0.008259
Logging	Diesel	CO	0.005102	0.004168	0.003430	0.000655
Logging	Gasoline	CO	0.057669	0.060854	0.068586	0.088729
Logging	CNG	CO	0.000000	0.000000	0.000000	0.000000
Logging	LPG	CO	0.000000	0.000000	0.000000	0.000000
Airport Service	Diesel	CO	0.000000	0.000000	0.000000	0.000000
Airport Service	Gasoline	CO	0.000000	0.000000	0.000000	0.000000
Airport Service	CNG	CO	0.000000	0.000000	0.000000	0.000000
Airport Service	LPG	CO	0.000000	0.000000	0.000000	0.000000
Railway Maintenance	Diesel	CO	0.000048	0.000047	0.000042	0.000027
Railway Maintenance	Gasoline	CO	0.000137	0.000144	0.000156	0.000170
Railway Maintenance	CNG	CO	0.000000	0.000000	0.000000	0.000000
Railway Maintenance	LPG	CO	0.000001	0.000001	0.000001	0.000000
Recreational Marine Vessels	Diesel	CO	0.000471	0.000496	0.000559	0.000670
Recreational Marine Vessels	Gasoline	CO	0.229190	0.221681	0.200204	0.177624
Recreational Marine Vessels	CNG	CO	0.000000	0.000000	0.000000	0.000000
Recreational Marine Vessels	LPG	CO	0.000000	0.000000	0.000000	0.000000
Aircraft	Other	CO	0.222113	0.215450	0.237661	0.279862
Marine Vessels	Coal	CO	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Diesel	CO	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Residual Oil	CO	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Gasoline	CO	0.000000	0.000000	0.000000	0.000000
Marine Vessels	Other	CO	0.000000	0.000000	0.000000	0.000000
Railroads	Diesel	CO	0.009735	0.034096	0.036913	0.042581
<b>Snyder County CO Totals</b>			<b>24.833129</b>	<b>25.874066</b>	<b>27.327491</b>	<b>30.170178</b>

**Appendix D2: Snyder County Daily Nonroad Emissions by SCC  
Tons per Day**

SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2260001010	Recreational Equipment	Motorcycles: Off-Road	2 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2260001020	Recreational Equipment	Snowmobiles	2 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2260001030	Recreational Equipment	ATVs	2 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2260001060	Recreational Equipment	Specialty Vehicles/Carts	2 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2260002006	Construction and Mining Equipment	Tampers/Rammers	2 Stroke	NOx	0.000016	0.000015	0.000008	0.000008
2260002009	Construction and Mining Equipment	Plate Compactors	2 Stroke	NOx	0.000000	0.000000	0.000001	0.000001
2260002021	Construction and Mining Equipment	Paving Equipment	2 Stroke	NOx	0.000000	0.000000	0.000001	0.000001
2260002027	Construction and Mining Equipment	Signal Boards/Light Plants	2 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2260002039	Construction and Mining Equipment	Concrete/Industrial Saws	2 Stroke	NOx	0.000037	0.000034	0.000021	0.000021
2260002054	Construction and Mining Equipment	Crushing/Proc. Equipment	2 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2260003030	Industrial Equipment	Sweepers/Scrubbers	2 Stroke	NOx	0.000001	0.000002	0.000001	0.000001
2260003040	Industrial Equipment	Other General Industrial Eqp	2 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2260004015	Lawn and Garden Equipment (Res)	Rotary Tillers < 6 HP	2 Stroke	NOx	0.000002	0.000003	0.000006	0.000008
2260004016	Lawn and Garden Equipment (Com)	Rotary Tillers < 6 HP	2 Stroke	NOx	0.000055	0.000077	0.000147	0.000176
2260004020	Lawn and Garden Equipment (Res)	Chain Saws < 6 HP	2 Stroke	NOx	0.000020	0.000029	0.000055	0.000066
2260004021	Lawn and Garden Equipment (Com)	Chain Saws < 6 HP	2 Stroke	NOx	0.001557	0.001529	0.001047	0.001219
2260004025	Lawn and Garden Equipment (Res)	Trimmers/Edgers/Brush Cutter	2 Stroke	NOx	0.000049	0.000067	0.000123	0.000147
2260004026	Lawn and Garden Equipment (Com)	Trimmers/Edgers/Brush Cutter	2 Stroke	NOx	0.000743	0.001060	0.001471	0.001710
2260004030	Lawn and Garden Equipment (Res)	Leafblowers/Vacuums	2 Stroke	NOx	0.000029	0.000041	0.000079	0.000094
2260004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	2 Stroke	NOx	0.001184	0.001393	0.001372	0.001586
2260004035	Lawn and Garden Equipment (Res)	Snowblowers	2 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2260004036	Lawn and Garden Equipment (Com)	Snowblowers	2 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2260004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	2 Stroke	NOx	0.000000	0.000000	0.000001	0.000001
2260005035	Agricultural Equipment	Sprayers	2 Stroke	NOx	0.000003	0.000004	0.000007	0.000008
2260006005	Commercial Equipment	Generator Sets	2 Stroke	NOx	0.000003	0.000005	0.000008	0.000010
2260006010	Commercial Equipment	Pumps	2 Stroke	NOx	0.000022	0.000038	0.000054	0.000067
2260006015	Commercial Equipment	Air Compressors	2 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2260006035	Commercial Equipment	Hydro Power Units	2 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2260007005	Logging Equipment	Chain Saws > 6 HP	2 Stroke	NOx	0.000075	0.000072	0.000047	0.000060
2265001010	Recreational Equipment	Motorcycles: Off-Road	4 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2265001030	Recreational Equipment	ATVs	4 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2265001050	Recreational Equipment	Golf Carts	4 Stroke	NOx	0.004661	0.004148	0.003952	0.004213
2265001060	Recreational Equipment	Specialty Vehicles/Carts	4 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2265002003	Construction and Mining Equipment	Pavers	4 Stroke	NOx	0.000028	0.000025	0.000018	0.000014
2265002006	Construction and Mining Equipment	Tampers/Rammers	4 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2265002009	Construction and Mining Equipment	Plate Compactors	4 Stroke	NOx	0.000033	0.000032	0.000022	0.000021
2265002015	Construction and Mining Equipment	Rollers	4 Stroke	NOx	0.000048	0.000042	0.000029	0.000024
2265002021	Construction and Mining Equipment	Paving Equipment	4 Stroke	NOx	0.000070	0.000066	0.000051	0.000048
2265002024	Construction and Mining Equipment	Surfacing Equipment	4 Stroke	NOx	0.000029	0.000026	0.000021	0.000020
2265002027	Construction and Mining Equipment	Signal Boards/Light Plants	4 Stroke	NOx	0.000001	0.000001	0.000001	0.000001
2265002030	Construction and Mining Equipment	Trenchers	4 Stroke	NOx	0.000085	0.000077	0.000054	0.000040
2265002033	Construction and Mining Equipment	Bore/Drill Rigs	4 Stroke	NOx	0.000027	0.000026	0.000020	0.000015
2265002039	Construction and Mining Equipment	Concrete/Industrial Saws	4 Stroke	NOx	0.000145	0.000126	0.000097	0.000094
2265002042	Construction and Mining Equipment	Cement & Mortar Mixers	4 Stroke	NOx	0.000055	0.000056	0.000047	0.000041
2265002045	Construction and Mining Equipment	Cranes	4 Stroke	NOx	0.000014	0.000013	0.000010	0.000004
2265002054	Construction and Mining Equipment	Crushing/Proc. Equipment	4 Stroke	NOx	0.000009	0.000008	0.000007	0.000006
2265002057	Construction and Mining Equipment	Rough Terrain Forklifts	4 Stroke	NOx	0.000024	0.000023	0.000014	0.000004
2265002060	Construction and Mining Equipment	Rubber Tire Loaders	4 Stroke	NOx	0.000060	0.000055	0.000029	0.000006
2265002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	4 Stroke	NOx	0.000045	0.000039	0.000033	0.000032
2265002072	Construction and Mining Equipment	Skid Steer Loaders	4 Stroke	NOx	0.000064	0.000060	0.000043	0.000023
2265002078	Construction and Mining Equipment	Dumpers/Tenders	4 Stroke	NOx	0.000009	0.000009	0.000008	0.000007
2265002081	Construction and Mining Equipment	Other Construction Equipment	4 Stroke	NOx	0.000021	0.000020	0.000015	0.000007
2265003010	Industrial Equipment	Aerial Lifts	4 Stroke	NOx	0.001752	0.001517	0.000928	0.000279
2265003020	Industrial Equipment	Forklifts	4 Stroke	NOx	0.007395	0.006225	0.002711	0.000205
2265003030	Industrial Equipment	Sweepers/Scrubbers	4 Stroke	NOx	0.001317	0.001056	0.000371	0.000063
2265003040	Industrial Equipment	Other General Industrial Eqp	4 Stroke	NOx	0.001163	0.000968	0.000444	0.000128
2265003050	Industrial Equipment	Other Material Handling Eqp	4 Stroke	NOx	0.000116	0.000099	0.000060	0.000014
2265003060	Industrial Equipment	AC/Refrigeration	4 Stroke	NOx	0.000007	0.000005	0.000003	0.000001
2265003070	Industrial Equipment	Terminal Tractors	4 Stroke	NOx	0.000764	0.000600	0.000121	0.000015
2265004010	Lawn and Garden Equipment (Res)	Lawn mowers	4 Stroke	NOx	0.002139	0.002300	0.002080	0.001545
2265004011	Lawn and Garden Equipment (Com)	Lawn mowers	4 Stroke	NOx	0.008361	0.008713	0.005694	0.005774
2265004015	Lawn and Garden Equipment (Res)	Rotary Tillers < 6 HP	4 Stroke	NOx	0.000181	0.000195	0.000175	0.000129
2265004016	Lawn and Garden Equipment (Com)	Rotary Tillers < 6 HP	4 Stroke	NOx	0.004214	0.004468	0.003772	0.002972
2265004025	Lawn and Garden Equipment (Res)	Trimmers/Edgers/Brush Cutter	4 Stroke	NOx	0.000012	0.000013	0.000011	0.000009
2265004026	Lawn and Garden Equipment (Com)	Trimmers/Edgers/Brush Cutter	4 Stroke	NOx	0.000217	0.000208	0.000166	0.000178
2265004030	Lawn and Garden Equipment (Res)	Leafblowers/Vacuums	4 Stroke	NOx	0.000024	0.000025	0.000021	0.000016
2265004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	4 Stroke	NOx	0.014309	0.013146	0.010724	0.008929
2265004035	Lawn and Garden Equipment (Res)	Snowblowers	4 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2265004036	Lawn and Garden Equipment (Com)	Snowblowers	4 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2265004040	Lawn and Garden Equipment (Res)	Rear Engine Riding Mowers	4 Stroke	NOx	0.000558	0.000543	0.000482	0.000539
2265004041	Lawn and Garden Equipment (Com)	Rear Engine Riding Mowers	4 Stroke	NOx	0.001160	0.001034	0.000969	0.001128
2265004046	Lawn and Garden Equipment (Com)	Front Mowers	4 Stroke	NOx	0.001224	0.001280	0.001228	0.001292
2265004051	Lawn and Garden Equipment (Com)	Shredders < 6 HP	4 Stroke	NOx	0.000479	0.000512	0.000447	0.000342
2265004055	Lawn and Garden Equipment (Res)	Lawn & Garden Tractors	4 Stroke	NOx	0.007665	0.007442	0.006485	0.007230
2265004056	Lawn and Garden Equipment (Com)	Lawn & Garden Tractors	4 Stroke	NOx	0.016199	0.014261	0.013186	0.015345
2265004066	Lawn and Garden Equipment (Com)	Chippers/Stump Grinders	4 Stroke	NOx	0.005177	0.004787	0.003007	0.001954



**Appendix D2: Snyder County Daily Nonroad Emissions by SCC  
Tons per Day**

SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2265004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	4 Stroke	NOx	0.056732	0.051618	0.039336	0.043313
2265004075	Lawn and Garden Equipment (Res)	Other Lawn & Garden Eqp.	4 Stroke	NOx	0.000210	0.000226	0.000222	0.000198
2265004076	Lawn and Garden Equipment (Com)	Other Lawn & Garden Eqp.	4 Stroke	NOx	0.001259	0.001352	0.001325	0.001177
2265005010	Agricultural Equipment	2-Wheel Tractors	4 Stroke	NOx	0.000043	0.000037	0.000035	0.000039
2265005015	Agricultural Equipment	Agricultural Tractors	4 Stroke	NOx	0.000478	0.000449	0.000261	0.000089
2265005020	Agricultural Equipment	Combines	4 Stroke	NOx	0.000004	0.000004	0.000003	0.000002
2265005025	Agricultural Equipment	Balers	4 Stroke	NOx	0.000340	0.000339	0.000295	0.000201
2265005030	Agricultural Equipment	Agricultural Mowers	4 Stroke	NOx	0.000035	0.000034	0.000030	0.000032
2265005035	Agricultural Equipment	Sprayers	4 Stroke	NOx	0.000553	0.000564	0.000503	0.000406
2265005040	Agricultural Equipment	Tillers > 6 HP	4 Stroke	NOx	0.000530	0.000562	0.000625	0.000736
2265005045	Agricultural Equipment	Swathers	4 Stroke	NOx	0.000539	0.000537	0.000468	0.000318
2265005055	Agricultural Equipment	Other Agricultural Equipment	4 Stroke	NOx	0.000644	0.000642	0.000561	0.000403
2265005060	Agricultural Equipment	Irrigation Sets	4 Stroke	NOx	0.000937	0.000868	0.000393	0.000113
2265006005	Commercial Equipment	Generator Sets	4 Stroke	NOx	0.003606	0.003658	0.003418	0.003955
2265006010	Commercial Equipment	Pumps	4 Stroke	NOx	0.001091	0.001068	0.000851	0.000860
2265006015	Commercial Equipment	Air Compressors	4 Stroke	NOx	0.000752	0.000728	0.000551	0.000432
2265006025	Commercial Equipment	Welders	4 Stroke	NOx	0.001358	0.001280	0.001136	0.001104
2265006030	Commercial Equipment	Pressure Washers	4 Stroke	NOx	0.001591	0.001567	0.001320	0.001546
2265006035	Commercial Equipment	Hydro Power Units	4 Stroke	NOx	0.000079	0.000074	0.000068	0.000081
2265007010	Logging Equipment	Shredders > 6 HP	4 Stroke	NOx	0.000211	0.000232	0.000248	0.000278
2265007015	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	4 Stroke	NOx	0.000002	0.000002	0.000002	0.000002
2265008005	Airport Equipment	Airport Ground Support Equipment	4 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2265010010	Industrial Equipment	Other Oil Field Equipment	4 Stroke	NOx	0.000000	0.000000	0.000000	0.000000
2267001060	Recreational Equipment	Specialty Vehicle Carts	LPG	NOx	0.000000	0.000000	0.000000	0.000000
2267002003	Construction and Mining Equipment	Pavers	LPG	NOx	0.000018	0.000017	0.000010	0.000003
2267002015	Construction and Mining Equipment	Rollers	LPG	NOx	0.000031	0.000028	0.000012	0.000003
2267002021	Construction and Mining Equipment	Paving Equipment	LPG	NOx	0.000005	0.000005	0.000004	0.000002
2267002024	Construction and Mining Equipment	Surfacing Equipment	LPG	NOx	0.000003	0.000003	0.000002	0.000000
2267002030	Construction and Mining Equipment	Trenchers	LPG	NOx	0.000056	0.000054	0.000032	0.000009
2267002033	Construction and Mining Equipment	Bore/Drill Rigs	LPG	NOx	0.000018	0.000018	0.000016	0.000011
2267002039	Construction and Mining Equipment	Concrete/Industrial Saws	LPG	NOx	0.000053	0.000047	0.000014	0.000005
2267002045	Construction and Mining Equipment	Cranes	LPG	NOx	0.000020	0.000019	0.000015	0.000006
2267002054	Construction and Mining Equipment	Crushing/Proc. Equipment	LPG	NOx	0.000003	0.000003	0.000002	0.000001
2267002057	Construction and Mining Equipment	Rough Terrain Forklifts	LPG	NOx	0.000036	0.000034	0.000023	0.000006
2267002060	Construction and Mining Equipment	Rubber Tire Loaders	LPG	NOx	0.000089	0.000084	0.000046	0.000010
2267002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	LPG	NOx	0.000009	0.000009	0.000004	0.000001
2267002072	Construction and Mining Equipment	Skid Steer Loaders	LPG	NOx	0.000073	0.000072	0.000052	0.000021
2267002081	Construction and Mining Equipment	Other Construction Equipment	LPG	NOx	0.000029	0.000029	0.000023	0.000011
2267003010	Industrial Equipment	Aerial Lifts	LPG	NOx	0.002877	0.002877	0.002274	0.001106
2267003020	Industrial Equipment	Forklifts	LPG	NOx	0.271196	0.261161	0.147018	0.034293
2267003030	Industrial Equipment	Sweepers/Scrubbers	LPG	NOx	0.002069	0.001910	0.000767	0.000245
2267003040	Industrial Equipment	Other General Industrial Equipm	LPG	NOx	0.000633	0.000597	0.000289	0.000075
2267003050	Industrial Equipment	Other Material Handling Equipment	LPG	NOx	0.000155	0.000155	0.000120	0.000045
2267003070	Industrial Equipment	Terminal Tractors	LPG	NOx	0.001264	0.001137	0.000319	0.000142
2267004066	Lawn and Garden Equipment (Com)	Chippers/Stump Grinders	LPG	NOx	0.005094	0.004776	0.002370	0.000560
2267005055	Agricultural Equipment	Other Agricultural Equipment	LPG	NOx	0.000011	0.000011	0.000009	0.000006
2267005060	Agricultural Equipment	Irrigation Sets	LPG	NOx	0.000009	0.000009	0.000004	0.000001
2267006005	Commercial Equipment	Generator Sets	LPG	NOx	0.002142	0.002253	0.002067	0.001491
2267006010	Commercial Equipment	Pumps	LPG	NOx	0.000499	0.000512	0.000399	0.000200
2267006015	Commercial Equipment	Air Compressors	LPG	NOx	0.000601	0.000608	0.000416	0.000128
2267006025	Commercial Equipment	Welders	LPG	NOx	0.000750	0.000768	0.000552	0.000164
2267006030	Commercial Equipment	Pressure Washers	LPG	NOx	0.000010	0.000010	0.000009	0.000004
2267006035	Commercial Equipment	Hydro Power Units	LPG	NOx	0.000009	0.000009	0.000005	0.000002
2267008005	Airport Equipment	Airport Ground Support Equipment	LPG	NOx	0.000000	0.000000	0.000000	0.000000
2268002081	Construction and Mining Equipment	Other Construction Equipment	CNG	NOx	0.000001	0.000001	0.000001	0.000000
2268003020	Industrial Equipment	Forklifts	CNG	NOx	0.019745	0.018842	0.010532	0.002460
2268003030	Industrial Equipment	Sweepers/Scrubbers	CNG	NOx	0.000024	0.000022	0.000012	0.000003
2268003040	Industrial Equipment	Other General Industrial Equipment	CNG	NOx	0.000015	0.000015	0.000008	0.000002
2268003060	Industrial Equipment	AC\Refrigeration	CNG	NOx	0.000013	0.000012	0.000005	0.000002
2268003070	Industrial Equipment	Terminal Tractors	CNG	NOx	0.000089	0.000079	0.000022	0.000010
2268005055	Agricultural Equipment	Other Agricultural Equipment	CNG	NOx	0.000014	0.000011	0.000006	0.000002
2268005060	Agricultural Equipment	Irrigation Sets	CNG	NOx	0.001060	0.000611	0.000069	0.000000
2268006005	Commercial Equipment	Generator Sets	CNG	NOx	0.000702	0.000715	0.000639	0.000454
2268006010	Commercial Equipment	Pumps	CNG	NOx	0.000035	0.000035	0.000028	0.000015
2268006015	Commercial Equipment	Air Compressors	CNG	NOx	0.000050	0.000049	0.000033	0.000009
2268006020	Commercial Equipment	Gas Compressors	CNG	NOx	0.001860	0.000653	0.000191	0.000239
2268006035	Commercial Equipment	Hydro Power Units	CNG	NOx	0.000000	0.000000	0.000000	0.000000
2268010010	Industrial Equipment	Other Oil Field Equipment	CNG	NOx	0.000000	0.000000	0.000000	0.000000
2270001060	Recreational Equipment	Specialty Vehicle Carts	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
2270002003	Construction and Mining Equipment	Pavers	Diesel	NOx	0.001478	0.001410	0.001204	0.000551
2270002006	Construction and Mining Equipment	Tampers/Rammers	Diesel	NOx	0.000003	0.000003	0.000003	0.000002
2270002009	Construction and Mining Equipment	Plate Compactors	Diesel	NOx	0.000051	0.000049	0.000043	0.000038
2270002015	Construction and Mining Equipment	Rollers	Diesel	NOx	0.003667	0.003541	0.003109	0.001569
2270002018	Construction and Mining Equipment	Scrapers	Diesel	NOx	0.004245	0.004080	0.003393	0.001486
2270002021	Construction and Mining Equipment	Paving Equipment	Diesel	NOx	0.000234	0.000226	0.000196	0.000111
2270002024	Construction and Mining Equipment	Surfacing Equipment	Diesel	NOx	0.000157	0.000155	0.000142	0.000097

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Tons per Day**

SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2270002027	Construction and Mining Equipment	Signal Boards/Light Plants	Diesel	NOx	0.000443	0.000432	0.000393	0.000368
2270002030	Construction and Mining Equipment	Trenchers	Diesel	NOx	0.001706	0.001686	0.001569	0.001094
2270002033	Construction and Mining Equipment	Bore/Drill Rigs	Diesel	NOx	0.002025	0.002007	0.001854	0.001304
2270002036	Construction and Mining Equipment	Excavators	Diesel	NOx	0.014656	0.013806	0.011332	0.003885
2270002039	Construction and Mining Equipment	Concrete/Industrial Saws	Diesel	NOx	0.000115	0.000113	0.000108	0.000079
2270002042	Construction and Mining Equipment	Cement & Mortar Mixers	Diesel	NOx	0.000076	0.000076	0.000072	0.000055
2270002045	Construction and Mining Equipment	Cranes	Diesel	NOx	0.003991	0.003834	0.003215	0.001491
2270002048	Construction and Mining Equipment	Graders	Diesel	NOx	0.003724	0.003484	0.002852	0.000968
2270002051	Construction and Mining Equipment	Off-highway Trucks	Diesel	NOx	0.013823	0.013376	0.011194	0.005536
2270002054	Construction and Mining Equipment	Crushing/Proc. Equipment	Diesel	NOx	0.000701	0.000680	0.000589	0.000329
2270002057	Construction and Mining Equipment	Rough Terrain Forklifts	Diesel	NOx	0.004685	0.004626	0.004182	0.002173
2270002060	Construction and Mining Equipment	Rubber Tire Loaders	Diesel	NOx	0.017947	0.017332	0.014948	0.007552
2270002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	Diesel	NOx	0.010903	0.010790	0.010102	0.006684
2270002069	Construction and Mining Equipment	Crawler Tractor/Dozers	Diesel	NOx	0.015769	0.015085	0.012722	0.005588
2270002072	Construction and Mining Equipment	Skid Steer Loaders	Diesel	NOx	0.006991	0.007052	0.006902	0.005634
2270002075	Construction and Mining Equipment	Off-Highway Tractors	Diesel	NOx	0.001903	0.001863	0.001639	0.000965
2270002078	Construction and Mining Equipment	Dumpers/Tenders	Diesel	NOx	0.000023	0.000023	0.000022	0.000018
2270002081	Construction and Mining Equipment	Other Construction Equipment	Diesel	NOx	0.001848	0.001799	0.001580	0.000925
2270003010	Industrial Equipment	Aerial Lifts	Diesel	NOx	0.002992	0.003000	0.002895	0.002428
2270003020	Industrial Equipment	Forklifts	Diesel	NOx	0.031571	0.031284	0.026792	0.010018
2270003030	Industrial Equipment	Sweepers/Scrubbers	Diesel	NOx	0.016738	0.016012	0.013903	0.005835
2270003040	Industrial Equipment	Other General Industrial Eqp	Diesel	NOx	0.019063	0.018452	0.015786	0.007846
2270003050	Industrial Equipment	Other Material Handling Eqp	Diesel	NOx	0.000882	0.000870	0.000799	0.000564
2270003060	Industrial Equipment	AC\Refrigeration	Diesel	NOx	0.014546	0.014424	0.013747	0.011307
2270003070	Industrial Equipment	Terminal Tractors	Diesel	NOx	0.021600	0.020732	0.016763	0.004654
2270004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	Diesel	NOx	0.000004	0.000004	0.000004	0.000005
2270004036	Lawn and Garden Equipment (Com)	Snowblowers	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
2270004046	Lawn and Garden Equipment (Com)	Front Mowers	Diesel	NOx	0.023205	0.023992	0.024917	0.025358
2270004056	Lawn and Garden Equipment (Com)	Lawn & Garden Tractors	Diesel	NOx	0.005121	0.005147	0.004984	0.005485
2270004066	Lawn and Garden Equipment (Com)	Chippers/Stump Grinders	Diesel	NOx	0.034672	0.036374	0.037869	0.029690
2270004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	Diesel	NOx	0.003497	0.003509	0.003523	0.002391
2270004076	Lawn and Garden Equipment (Com)	Other Lawn & Garden Eqp.	Diesel	NOx	0.000091	0.000095	0.000101	0.000098
2270005010	Agricultural Equipment	2-Wheel Tractors	Diesel	NOx	0.000010	0.000009	0.000007	0.000007
2270005015	Agricultural Equipment	Agricultural Tractors	Diesel	NOx	0.440479	0.426989	0.383157	0.243536
2270005020	Agricultural Equipment	Combines	Diesel	NOx	0.044660	0.043874	0.040038	0.027245
2270005025	Agricultural Equipment	Balers	Diesel	NOx	0.000191	0.000194	0.000192	0.000157
2270005030	Agricultural Equipment	Agricultural Mowers	Diesel	NOx	0.000041	0.000040	0.000038	0.000026
2270005035	Agricultural Equipment	Sprayers	Diesel	NOx	0.003165	0.003180	0.003063	0.002217
2270005040	Agricultural Equipment	Tillers > 6 HP	Diesel	NOx	0.000005	0.000005	0.000005	0.000004
2270005045	Agricultural Equipment	Swathers	Diesel	NOx	0.003127	0.003100	0.002913	0.002129
2270005055	Agricultural Equipment	Other Agricultural Equipment	Diesel	NOx	0.009201	0.008994	0.008079	0.005275
2270005060	Agricultural Equipment	Irrigation Sets	Diesel	NOx	0.005771	0.005709	0.005158	0.002878
2270006005	Commercial Equipment	Generator Sets	Diesel	NOx	0.009327	0.009577	0.009712	0.008134
2270006010	Commercial Equipment	Pumps	Diesel	NOx	0.002220	0.002280	0.002301	0.001896
2270006015	Commercial Equipment	Air Compressors	Diesel	NOx	0.005605	0.005693	0.005455	0.003467
2270006020	Commercial Equipment	Gas Compressors	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
2270006025	Commercial Equipment	Welders	Diesel	NOx	0.002714	0.002801	0.002897	0.002602
2270006030	Commercial Equipment	Pressure Washers	Diesel	NOx	0.000312	0.000319	0.000323	0.000272
2270006035	Commercial Equipment	Hydro Power Units	Diesel	NOx	0.000242	0.000245	0.000236	0.000161
2270007010	Logging Equipment	Shredders > 6 HP	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
2270007015	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	Diesel	NOx	0.014830	0.013110	0.008776	0.001838
2270008005	Airport Equipment	Airport Ground Support Equipment	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
2270009010	Construction and Mining Equipment	Other Underground Mining Equipment	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
2270010010	Industrial Equipment	Other Oil Field Equipment	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
2275000000	Aircraft	All Aircraft Types and Operations	Other	NOx	0.008248	0.008000	0.008825	0.010392
2275070000	Aircraft	Auxiliary Power Units	Other	NOx	0.000000	0.000000	0.000000	0.000000
2280000000	Marine Vessels	Commercial	All Fuels	NOx	0.000000	0.000000	0.000000	0.000000
2280001000	Marine Vessels	Commercial	Coal	NOx	0.000000	0.000000	0.000000	0.000000
2280002000	Marine Vessels	Commercial	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
2280003000	Marine Vessels	Commercial	Residual Fuel	NOx	0.000000	0.000000	0.000000	0.000000
2280004000	Marine Vessels	Commercial	Gasoline	NOx	0.000000	0.000000	0.000000	0.000000
2282005010	Pleasure Craft	Outboard	2 Stroke	NOx	0.000995	0.001200	0.001761	0.002509
2282005015	Pleasure Craft	Personal Water Craft	2 Stroke	NOx	0.000278	0.000368	0.000575	0.000743
2282010005	Pleasure Craft	Inboard/Sterndrive	4 Stroke	NOx	0.002229	0.002349	0.002684	0.003265
2282020005	Pleasure Craft	Inboard/Sterndrive	Diesel	NOx	0.002927	0.003092	0.003298	0.003479
2282020010	Pleasure Craft	Outboards	Diesel	NOx	0.000011	0.000011	0.000012	0.000012
2285002005	Railroad Equipment	Line Haul Locomotives	Diesel	NOx	0.088398	0.079992	0.066829	0.057927
2285002010	Railroad Equipment	Yard Locomotive	Diesel	NOx	0.000000	0.000000	0.000000	0.000000
2285002015	Railroad Equipment	Railway Maintenance	Diesel	NOx	0.000058	0.000058	0.000056	0.000040
2285004015	Railroad Equipment	Railway Maintenance	4 Stroke	NOx	0.000001	0.000001	0.000001	0.000001
2285006015	Railroad Equipment	Railway Maintenance	LPG	NOx	0.000000	0.000000	0.000000	0.000000
<b>Snyder County Total Summer Day NOx Emissions</b>					<b>1.396217</b>	<b>1.345342</b>	<b>1.093914</b>	<b>0.689317</b>

**Appendix D2: Snyder County Daily Nonroad Emissions by SCC  
Tons per Day**

SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2260001010	Recreational Equipment	Motorcycles: Off-Road	2 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2260001020	Recreational Equipment	Snowmobiles	2 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2260001030	Recreational Equipment	ATVs	2 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2260001060	Recreational Equipment	Specialty Vehicles/Carts	2 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2260002006	Construction and Mining Equipment	Tampers/Rammers	2 Stroke	VOC	0.001311	0.001255	0.000569	0.000564
2260002009	Construction and Mining Equipment	Plate Compactors	2 Stroke	VOC	0.000080	0.000048	0.000020	0.000021
2260002021	Construction and Mining Equipment	Paving Equipment	2 Stroke	VOC	0.000095	0.000056	0.000024	0.000025
2260002027	Construction and Mining Equipment	Signal Boards/Light Plants	2 Stroke	VOC	0.000001	0.000000	0.000000	0.000000
2260002039	Construction and Mining Equipment	Concrete/Industrial Saws	2 Stroke	VOC	0.003489	0.002872	0.001395	0.001430
2260002054	Construction and Mining Equipment	Crushing/Proc. Equipment	2 Stroke	VOC	0.000018	0.000009	0.000005	0.000005
2260003030	Industrial Equipment	Sweepers/Scrubbers	2 Stroke	VOC	0.000313	0.000146	0.000056	0.000020
2260003040	Industrial Equipment	Other General Industrial Eqp	2 Stroke	VOC	0.000025	0.000012	0.000004	0.000002
2260004015	Lawn and Garden Equipment (Res)	Rotary Tillers < 6 HP	2 Stroke	VOC	0.000998	0.000874	0.000421	0.000366
2260004016	Lawn and Garden Equipment (Com)	Rotary Tillers < 6 HP	2 Stroke	VOC	0.020272	0.016715	0.005643	0.005546
2260004020	Lawn and Garden Equipment (Res)	Chain Saws < 6 HP	2 Stroke	VOC	0.008131	0.006829	0.002799	0.002912
2260004021	Lawn and Garden Equipment (Com)	Chain Saws < 6 HP	2 Stroke	VOC	0.152879	0.131306	0.066163	0.077088
2260004025	Lawn and Garden Equipment (Res)	Trimmers/Edgers/Brush Cutter	2 Stroke	VOC	0.019114	0.016192	0.006973	0.007316
2260004026	Lawn and Garden Equipment (Com)	Trimmers/Edgers/Brush Cutter	2 Stroke	VOC	0.192412	0.140280	0.053887	0.062418
2260004030	Lawn and Garden Equipment (Res)	Leafblowers/Vacuums	2 Stroke	VOC	0.013033	0.011208	0.005510	0.005925
2260004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	2 Stroke	VOC	0.184566	0.149135	0.062842	0.071903
2260004035	Lawn and Garden Equipment (Res)	Snowblowers	2 Stroke	VOC	0.001533	0.001597	0.001758	0.002048
2260004036	Lawn and Garden Equipment (Com)	Snowblowers	2 Stroke	VOC	0.000258	0.000269	0.000296	0.000345
2260004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	2 Stroke	VOC	0.000083	0.000058	0.000021	0.000024
2260005035	Agricultural Equipment	Sprayers	2 Stroke	VOC	0.001015	0.000740	0.000261	0.000292
2260006005	Commercial Equipment	Generator Sets	2 Stroke	VOC	0.000987	0.000656	0.000296	0.000367
2260006010	Commercial Equipment	Pumps	2 Stroke	VOC	0.006725	0.003915	0.002092	0.002524
2260006015	Commercial Equipment	Air Compressors	2 Stroke	VOC	0.000002	0.000001	0.000001	0.000001
2260006035	Commercial Equipment	Hydro Power Units	2 Stroke	VOC	0.000037	0.000021	0.000012	0.000015
2260007005	Logging Equipment	Chain Saws > 6 HP	2 Stroke	VOC	0.006476	0.006130	0.003279	0.004153
2265001010	Recreational Equipment	Motorcycles: Off-Road	4 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2265001030	Recreational Equipment	ATVs	4 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2265001050	Recreational Equipment	Golf Carts	4 Stroke	VOC	0.018896	0.016900	0.016158	0.017227
2265001060	Recreational Equipment	Specialty Vehicles/Carts	4 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2265002003	Construction and Mining Equipment	Pavers	4 Stroke	VOC	0.000072	0.000063	0.000048	0.000045
2265002006	Construction and Mining Equipment	Tampers/Rammers	4 Stroke	VOC	0.000001	0.000001	0.000000	0.000000
2265002009	Construction and Mining Equipment	Plate Compactors	4 Stroke	VOC	0.000279	0.000273	0.000171	0.000144
2265002015	Construction and Mining Equipment	Rollers	4 Stroke	VOC	0.000116	0.000101	0.000082	0.000079
2265002021	Construction and Mining Equipment	Paving Equipment	4 Stroke	VOC	0.000406	0.000377	0.000263	0.000248
2265002024	Construction and Mining Equipment	Surfacing Equipment	4 Stroke	VOC	0.000144	0.000134	0.000090	0.000091
2265002027	Construction and Mining Equipment	Signal Boards/Light Plants	4 Stroke	VOC	0.000010	0.000010	0.000006	0.000006
2265002030	Construction and Mining Equipment	Trenchers	4 Stroke	VOC	0.000285	0.000265	0.000169	0.000158
2265002033	Construction and Mining Equipment	Bore/Drill Rigs	4 Stroke	VOC	0.000172	0.000171	0.000113	0.000089
2265002039	Construction and Mining Equipment	Concrete/Industrial Saws	4 Stroke	VOC	0.000415	0.000359	0.000311	0.000314
2265002042	Construction and Mining Equipment	Cement & Mortar Mixers	4 Stroke	VOC	0.000452	0.000418	0.000339	0.000274
2265002045	Construction and Mining Equipment	Cranes	4 Stroke	VOC	0.000015	0.000014	0.000011	0.000005
2265002054	Construction and Mining Equipment	Crushing/Proc. Equipment	4 Stroke	VOC	0.000038	0.000035	0.000024	0.000024
2265002057	Construction and Mining Equipment	Rough Terrain Forklifts	4 Stroke	VOC	0.000022	0.000020	0.000013	0.000003
2265002060	Construction and Mining Equipment	Rubber Tire Loaders	4 Stroke	VOC	0.000052	0.000048	0.000025	0.000003
2265002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	4 Stroke	VOC	0.000141	0.000122	0.000106	0.000106
2265002072	Construction and Mining Equipment	Skid Steer Loaders	4 Stroke	VOC	0.000101	0.000092	0.000070	0.000051
2265002078	Construction and Mining Equipment	Dumpers/Tenders	4 Stroke	VOC	0.000065	0.000060	0.000049	0.000043
2265002081	Construction and Mining Equipment	Other Construction Equipment	4 Stroke	VOC	0.000019	0.000018	0.000014	0.000006
2265003010	Industrial Equipment	Aerial Lifts	4 Stroke	VOC	0.002416	0.002034	0.001233	0.000390
2265003020	Industrial Equipment	Forklifts	4 Stroke	VOC	0.006349	0.005359	0.002323	0.000125
2265003030	Industrial Equipment	Sweepers/Scrubbers	4 Stroke	VOC	0.002012	0.001625	0.000654	0.000165
2265003040	Industrial Equipment	Other General Industrial Eqp	4 Stroke	VOC	0.007027	0.006088	0.002202	0.000753
2265003050	Industrial Equipment	Other Material Handling Eqp	4 Stroke	VOC	0.000172	0.000143	0.000086	0.000024
2265003060	Industrial Equipment	AC\Refrigeration	4 Stroke	VOC	0.000030	0.000023	0.000014	0.000005
2265003070	Industrial Equipment	Terminal Tractors	4 Stroke	VOC	0.000659	0.000519	0.000091	0.000008
2265004010	Lawn and Garden Equipment (Res)	Lawn mowers	4 Stroke	VOC	0.040109	0.040118	0.038539	0.031755
2265004011	Lawn and Garden Equipment (Com)	Lawn mowers	4 Stroke	VOC	0.100028	0.104249	0.060058	0.056311
2265004015	Lawn and Garden Equipment (Res)	Rotary Tillers < 6 HP	4 Stroke	VOC	0.003327	0.003348	0.003187	0.002529
2265004016	Lawn and Garden Equipment (Com)	Rotary Tillers < 6 HP	4 Stroke	VOC	0.047770	0.047359	0.040178	0.025406
2265004025	Lawn and Garden Equipment (Res)	Trimmers/Edgers/Brush Cutter	4 Stroke	VOC	0.000211	0.000217	0.000200	0.000167
2265004026	Lawn and Garden Equipment (Com)	Trimmers/Edgers/Brush Cutter	4 Stroke	VOC	0.001656	0.001664	0.001086	0.001008
2265004030	Lawn and Garden Equipment (Res)	Leafblowers/Vacuums	4 Stroke	VOC	0.000444	0.000456	0.000425	0.000365
2265004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	4 Stroke	VOC	0.033353	0.029671	0.024839	0.025254
2265004035	Lawn and Garden Equipment (Res)	Snowblowers	4 Stroke	VOC	0.003112	0.003244	0.003570	0.004159
2265004036	Lawn and Garden Equipment (Com)	Snowblowers	4 Stroke	VOC	0.000580	0.000604	0.000665	0.000775
2265004040	Lawn and Garden Equipment (Res)	Rear Engine Riding Mowers	4 Stroke	VOC	0.004502	0.004482	0.004473	0.005122
2265004041	Lawn and Garden Equipment (Com)	Rear Engine Riding Mowers	4 Stroke	VOC	0.003907	0.003469	0.003207	0.003732
2265004046	Lawn and Garden Equipment (Com)	Front Mowers	4 Stroke	VOC	0.006513	0.006220	0.005573	0.005754
2265004051	Lawn and Garden Equipment (Com)	Shredders < 6 HP	4 Stroke	VOC	0.005875	0.005719	0.005017	0.003207
2265004055	Lawn and Garden Equipment (Res)	Lawn & Garden Tractors	4 Stroke	VOC	0.050801	0.049772	0.047852	0.054468
2265004056	Lawn and Garden Equipment (Com)	Lawn & Garden Tractors	4 Stroke	VOC	0.052608	0.045619	0.041047	0.047762
2265004066	Lawn and Garden Equipment (Com)	Chippers/Stump Grinders	4 Stroke	VOC	0.008012	0.007234	0.005488	0.004960

**Appendix D2: Snyder County Daily Nonroad Emissions by SCC  
Tons per Day**

SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2265004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	4 Stroke	VOC	0.194269	0.183971	0.150370	0.158143
2265004075	Lawn and Garden Equipment (Res)	Other Lawn & Garden Eqp.	4 Stroke	VOC	0.002518	0.002456	0.002289	0.001924
2265004076	Lawn and Garden Equipment (Com)	Other Lawn & Garden Eqp.	4 Stroke	VOC	0.013613	0.013195	0.012077	0.009688
2265005010	Agricultural Equipment	2-Wheel Tractors	4 Stroke	VOC	0.000149	0.000129	0.000119	0.000134
2265005015	Agricultural Equipment	Agricultural Tractors	4 Stroke	VOC	0.000486	0.000449	0.000280	0.000131
2265005020	Agricultural Equipment	Combines	4 Stroke	VOC	0.000004	0.000004	0.000003	0.000002
2265005025	Agricultural Equipment	Balers	4 Stroke	VOC	0.000404	0.000407	0.000364	0.000248
2265005030	Agricultural Equipment	Agricultural Mowers	4 Stroke	VOC	0.000156	0.000140	0.000117	0.000123
2265005035	Agricultural Equipment	Sprayers	4 Stroke	VOC	0.002299	0.002237	0.001896	0.001537
2265005040	Agricultural Equipment	Tillers > 6 HP	4 Stroke	VOC	0.004413	0.004379	0.004210	0.003750
2265005045	Agricultural Equipment	Swathers	4 Stroke	VOC	0.000572	0.000575	0.000512	0.000348
2265005055	Agricultural Equipment	Other Agricultural Equipment	4 Stroke	VOC	0.000871	0.000848	0.000733	0.000585
2265005060	Agricultural Equipment	Irrigation Sets	4 Stroke	VOC	0.000889	0.000833	0.000368	0.000113
2265006005	Commercial Equipment	Generator Sets	4 Stroke	VOC	0.022050	0.021768	0.019651	0.022301
2265006010	Commercial Equipment	Pumps	4 Stroke	VOC	0.006009	0.006139	0.003867	0.004537
2265006015	Commercial Equipment	Air Compressors	4 Stroke	VOC	0.002404	0.002412	0.001671	0.001881
2265006025	Commercial Equipment	Welders	4 Stroke	VOC	0.003824	0.003583	0.003400	0.003913
2265006030	Commercial Equipment	Pressure Washers	4 Stroke	VOC	0.010814	0.010949	0.008322	0.009159
2265006035	Commercial Equipment	Hydro Power Units	4 Stroke	VOC	0.000375	0.000364	0.000298	0.000368
2265007010	Logging Equipment	Shredders > 6 HP	4 Stroke	VOC	0.001334	0.001294	0.001203	0.001308
2265007015	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	4 Stroke	VOC	0.000021	0.000022	0.000012	0.000015
2265008005	Airport Equipment	Airport Ground Support Equipment	4 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2265010010	Industrial Equipment	Other Oil Field Equipment	4 Stroke	VOC	0.000000	0.000000	0.000000	0.000000
2267001060	Recreational Equipment	Specialty Vehicle Carts	LPG	VOC	0.000000	0.000000	0.000000	0.000000
2267002003	Construction and Mining Equipment	Pavers	LPG	VOC	0.000005	0.000005	0.000003	0.000001
2267002015	Construction and Mining Equipment	Rollers	LPG	VOC	0.000008	0.000008	0.000003	0.000001
2267002021	Construction and Mining Equipment	Paving Equipment	LPG	VOC	0.000001	0.000001	0.000001	0.000000
2267002024	Construction and Mining Equipment	Surfacing Equipment	LPG	VOC	0.000001	0.000001	0.000000	0.000000
2267002030	Construction and Mining Equipment	Trenchers	LPG	VOC	0.000015	0.000015	0.000009	0.000002
2267002033	Construction and Mining Equipment	Bore/Drill Rigs	LPG	VOC	0.000005	0.000005	0.000004	0.000003
2267002039	Construction and Mining Equipment	Concrete/Industrial Saws	LPG	VOC	0.000015	0.000013	0.000004	0.000001
2267002045	Construction and Mining Equipment	Cranes	LPG	VOC	0.000005	0.000005	0.000004	0.000002
2267002054	Construction and Mining Equipment	Crushing/Proc. Equipment	LPG	VOC	0.000001	0.000001	0.000001	0.000000
2267002057	Construction and Mining Equipment	Rough Terrain Forklifts	LPG	VOC	0.000010	0.000009	0.000006	0.000001
2267002060	Construction and Mining Equipment	Rubber Tire Loaders	LPG	VOC	0.000024	0.000023	0.000013	0.000002
2267002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	LPG	VOC	0.000003	0.000002	0.000001	0.000000
2267002072	Construction and Mining Equipment	Skid Steer Loaders	LPG	VOC	0.000020	0.000020	0.000014	0.000005
2267002081	Construction and Mining Equipment	Other Construction Equipment	LPG	VOC	0.000008	0.000008	0.000006	0.000003
2267003010	Industrial Equipment	Aerial Lifts	LPG	VOC	0.000775	0.000780	0.000628	0.000292
2267003020	Industrial Equipment	Forklifts	LPG	VOC	0.073945	0.071857	0.041529	0.005893
2267003030	Industrial Equipment	Sweepers/Scrubbers	LPG	VOC	0.000570	0.000532	0.000215	0.000039
2267003040	Industrial Equipment	Other General Industrial Equipm	LPG	VOC	0.000173	0.000165	0.000081	0.000012
2267003050	Industrial Equipment	Other Material Handling Equipment	LPG	VOC	0.000042	0.000042	0.000033	0.000012
2267003070	Industrial Equipment	Terminal Tractors	LPG	VOC	0.000349	0.000318	0.000088	0.000021
2267004066	Lawn and Garden Equipment (Com)	Chippers/Stump Grinders	LPG	VOC	0.001393	0.001319	0.000669	0.000092
2267005055	Agricultural Equipment	Other Agricultural Equipment	LPG	VOC	0.000003	0.000003	0.000003	0.000002
2267005060	Agricultural Equipment	Irrigation Sets	LPG	VOC	0.000003	0.000002	0.000001	0.000000
2267006005	Commercial Equipment	Generator Sets	LPG	VOC	0.000435	0.000458	0.000425	0.000307
2267006010	Commercial Equipment	Pumps	LPG	VOC	0.000103	0.000106	0.000083	0.000039
2267006015	Commercial Equipment	Air Compressors	LPG	VOC	0.000125	0.000126	0.000087	0.000022
2267006025	Commercial Equipment	Welders	LPG	VOC	0.000202	0.000209	0.000154	0.000034
2267006030	Commercial Equipment	Pressure Washers	LPG	VOC	0.000003	0.000003	0.000002	0.000001
2267006035	Commercial Equipment	Hydro Power Units	LPG	VOC	0.000002	0.000002	0.000001	0.000000
2267008005	Airport Equipment	Airport Ground Support Equipment	LPG	VOC	0.000000	0.000000	0.000000	0.000000
2268002081	Construction and Mining Equipment	Other Construction Equipment	CNG	VOC	0.000000	0.000000	0.000000	0.000000
2268003020	Industrial Equipment	Forklifts	CNG	VOC	0.000318	0.000306	0.000176	0.000025
2268003030	Industrial Equipment	Sweepers/Scrubbers	CNG	VOC	0.000000	0.000000	0.000000	0.000000
2268003040	Industrial Equipment	Other General Industrial Equipment	CNG	VOC	0.000000	0.000000	0.000000	0.000000
2268003060	Industrial Equipment	AC\Refrigeration	CNG	VOC	0.000000	0.000000	0.000000	0.000000
2268003070	Industrial Equipment	Terminal Tractors	CNG	VOC	0.000001	0.000001	0.000000	0.000000
2268005055	Agricultural Equipment	Other Agricultural Equipment	CNG	VOC	0.000000	0.000000	0.000000	0.000000
2268005060	Agricultural Equipment	Irrigation Sets	CNG	VOC	0.000018	0.000010	0.000001	0.000000
2268006005	Commercial Equipment	Generator Sets	CNG	VOC	0.000008	0.000009	0.000008	0.000006
2268006010	Commercial Equipment	Pumps	CNG	VOC	0.000000	0.000000	0.000000	0.000000
2268006015	Commercial Equipment	Air Compressors	CNG	VOC	0.000001	0.000001	0.000000	0.000000
2268006020	Commercial Equipment	Gas Compressors	CNG	VOC	0.000032	0.000012	0.000002	0.000002
2268006035	Commercial Equipment	Hydro Power Units	CNG	VOC	0.000000	0.000000	0.000000	0.000000
2268010010	Industrial Equipment	Other Oil Field Equipment	CNG	VOC	0.000000	0.000000	0.000000	0.000000
2270001060	Recreational Equipment	Specialty Vehicle Carts	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
2270002003	Construction and Mining Equipment	Pavers	Diesel	VOC	0.000143	0.000128	0.000099	0.000058
2270002006	Construction and Mining Equipment	Tampers/Rammers	Diesel	VOC	0.000001	0.000001	0.000000	0.000000
2270002009	Construction and Mining Equipment	Plate Compactors	Diesel	VOC	0.000009	0.000008	0.000007	0.000005
2270002015	Construction and Mining Equipment	Rollers	Diesel	VOC	0.000404	0.000360	0.000270	0.000155
2270002018	Construction and Mining Equipment	Scrapers	Diesel	VOC	0.000296	0.000264	0.000196	0.000150
2270002021	Construction and Mining Equipment	Paving Equipment	Diesel	VOC	0.000026	0.000024	0.000018	0.000011
2270002024	Construction and Mining Equipment	Surfacing Equipment	Diesel	VOC	0.000018	0.000016	0.000012	0.000008

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Tons per Day**

SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2270002027	Construction and Mining Equipment	Signal Boards/Light Plants	Diesel	VOC	0.000087	0.000079	0.000053	0.000036
2270002030	Construction and Mining Equipment	Trenchers	Diesel	VOC	0.000241	0.000216	0.000157	0.000086
2270002033	Construction and Mining Equipment	Bore/Drill Rigs	Diesel	VOC	0.000189	0.000181	0.000156	0.000107
2270002036	Construction and Mining Equipment	Excavators	Diesel	VOC	0.001170	0.001051	0.000856	0.000535
2270002039	Construction and Mining Equipment	Concrete/Industrial Saws	Diesel	VOC	0.000019	0.000017	0.000012	0.000006
2270002042	Construction and Mining Equipment	Cement & Mortar Mixers	Diesel	VOC	0.000009	0.000009	0.000008	0.000006
2270002045	Construction and Mining Equipment	Cranes	Diesel	VOC	0.000305	0.000280	0.000219	0.000143
2270002048	Construction and Mining Equipment	Graders	Diesel	VOC	0.000291	0.000261	0.000215	0.000136
2270002051	Construction and Mining Equipment	Off-highway Trucks	Diesel	VOC	0.001008	0.000871	0.000623	0.000546
2270002054	Construction and Mining Equipment	Crushing/Proc. Equipment	Diesel	VOC	0.000062	0.000057	0.000043	0.000026
2270002057	Construction and Mining Equipment	Rough Terrain Forklifts	Diesel	VOC	0.000581	0.000537	0.000404	0.000219
2270002060	Construction and Mining Equipment	Rubber Tire Loaders	Diesel	VOC	0.001454	0.001353	0.001069	0.000700
2270002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	Diesel	VOC	0.002510	0.002444	0.002137	0.001221
2270002069	Construction and Mining Equipment	Crawler Tractor/Dozers	Diesel	VOC	0.001263	0.001134	0.000872	0.000585
2270002072	Construction and Mining Equipment	Skid Steer Loaders	Diesel	VOC	0.002423	0.002329	0.001948	0.001128
2270002075	Construction and Mining Equipment	Off-Highway Tractors	Diesel	VOC	0.000171	0.000152	0.000108	0.000075
2270002078	Construction and Mining Equipment	Dumpers/Tenders	Diesel	VOC	0.000007	0.000007	0.000006	0.000004
2270002081	Construction and Mining Equipment	Other Construction Equipment	Diesel	VOC	0.000159	0.000147	0.000116	0.000074
2270003010	Industrial Equipment	Aerial Lifts	Diesel	VOC	0.000882	0.000873	0.000794	0.000528
2270003020	Industrial Equipment	Forklifts	Diesel	VOC	0.003114	0.002963	0.002268	0.001206
2270003030	Industrial Equipment	Sweepers/Scrubbers	Diesel	VOC	0.001611	0.001431	0.001124	0.000644
2270003040	Industrial Equipment	Other General Industrial Eqp	Diesel	VOC	0.001743	0.001642	0.001290	0.000787
2270003050	Industrial Equipment	Other Material Handling Eqp	Diesel	VOC	0.000164	0.000161	0.000145	0.000096
2270003060	Industrial Equipment	AC\Refrigeration	Diesel	VOC	0.001971	0.001675	0.001227	0.000659
2270003070	Industrial Equipment	Terminal Tractors	Diesel	VOC	0.001706	0.001626	0.001371	0.000821
2270004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	Diesel	VOC	0.000001	0.000001	0.000001	0.000001
2270004036	Lawn and Garden Equipment (Com)	Snowblowers	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
2270004046	Lawn and Garden Equipment (Com)	Front Mowers	Diesel	VOC	0.004574	0.004346	0.003392	0.002306
2270004056	Lawn and Garden Equipment (Com)	Lawn & Garden Tractors	Diesel	VOC	0.001013	0.000946	0.000702	0.000583
2270004066	Lawn and Garden Equipment (Com)	Chippers/Stump Grinders	Diesel	VOC	0.003921	0.003923	0.003669	0.002756
2270004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	Diesel	VOC	0.000473	0.000393	0.000296	0.000200
2270004076	Lawn and Garden Equipment (Com)	Other Lawn & Garden Eqp.	Diesel	VOC	0.000015	0.000015	0.000013	0.000010
2270005010	Agricultural Equipment	2-Wheel Tractors	Diesel	VOC	0.000002	0.000002	0.000001	0.000001
2270005015	Agricultural Equipment	Agricultural Tractors	Diesel	VOC	0.054703	0.049199	0.037543	0.022097
2270005020	Agricultural Equipment	Combines	Diesel	VOC	0.003984	0.003893	0.003484	0.002483
2270005025	Agricultural Equipment	Balers	Diesel	VOC	0.000040	0.000038	0.000031	0.000019
2270005030	Agricultural Equipment	Agricultural Mowers	Diesel	VOC	0.000006	0.000006	0.000005	0.000003
2270005035	Agricultural Equipment	Sprayers	Diesel	VOC	0.000581	0.000541	0.000422	0.000249
2270005040	Agricultural Equipment	Tillers > 6 HP	Diesel	VOC	0.000001	0.000001	0.000000	0.000000
2270005045	Agricultural Equipment	Swathers	Diesel	VOC	0.000359	0.000356	0.000332	0.000240
2270005055	Agricultural Equipment	Other Agricultural Equipment	Diesel	VOC	0.001219	0.001120	0.000850	0.000510
2270005060	Agricultural Equipment	Irrigation Sets	Diesel	VOC	0.000751	0.000682	0.000509	0.000279
2270006005	Commercial Equipment	Generator Sets	Diesel	VOC	0.001416	0.001384	0.001223	0.000828
2270006010	Commercial Equipment	Pumps	Diesel	VOC	0.000311	0.000306	0.000274	0.000195
2270006015	Commercial Equipment	Air Compressors	Diesel	VOC	0.000702	0.000665	0.000528	0.000303
2270006020	Commercial Equipment	Gas Compressors	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
2270006025	Commercial Equipment	Welders	Diesel	VOC	0.001068	0.001042	0.000897	0.000497
2270006030	Commercial Equipment	Pressure Washers	Diesel	VOC	0.000044	0.000044	0.000040	0.000030
2270006035	Commercial Equipment	Hydro Power Units	Diesel	VOC	0.000033	0.000030	0.000023	0.000014
2270007010	Logging Equipment	Shredders > 6 HP	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
2270007015	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	Diesel	VOC	0.001078	0.000939	0.000668	0.000320
2270008005	Airport Equipment	Airport Ground Support Equipment	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
2270009010	Construction and Mining Equipment	Other Underground Mining Equipment	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
2270010010	Industrial Equipment	Other Oil Field Equipment	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
2275000000	Aircraft	All Aircraft Types and Operations	Other	VOC	0.005862	0.005686	0.006272	0.007386
2275070000	Aircraft	Auxiliary Power Units	Other	VOC	0.000000	0.000000	0.000000	0.000000
2280000000	Marine Vessels	Commercial	All Fuels	VOC	0.000000	0.000000	0.000000	0.000000
2280001000	Marine Vessels	Commercial	Coal	VOC	0.000000	0.000000	0.000000	0.000000
2280002000	Marine Vessels	Commercial	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
2280003000	Marine Vessels	Commercial	Residual Fuel	VOC	0.000000	0.000000	0.000000	0.000000
2280004000	Marine Vessels	Commercial	Gasoline	VOC	0.000000	0.000000	0.000000	0.000000
2282005010	Pleasure Craft	Outboard	2 Stroke	VOC	0.071297	0.067068	0.055321	0.041966
2282005015	Pleasure Craft	Personal Water Craft	2 Stroke	VOC	0.022616	0.020261	0.013680	0.009559
2282010005	Pleasure Craft	Inboard/Sterndrive	4 Stroke	VOC	0.006720	0.006748	0.006776	0.006839
2282020005	Pleasure Craft	Inboard/Sterndrive	Diesel	VOC	0.000110	0.000115	0.000120	0.000118
2282020010	Pleasure Craft	Outboards	Diesel	VOC	0.000003	0.000003	0.000002	0.000001
2285002005	Railroad Equipment	Line Haul Locomotives	Diesel	VOC	0.003821	0.003944	0.003751	0.003775
2285002010	Railroad Equipment	Yard Locomotive	Diesel	VOC	0.000000	0.000000	0.000000	0.000000
2285002015	Railroad Equipment	Railway Maintenance	Diesel	VOC	0.000011	0.000011	0.000010	0.000006
2285004015	Railroad Equipment	Railway Maintenance	4 Stroke	VOC	0.000004	0.000004	0.000003	0.000003
2285006015	Railroad Equipment	Railway Maintenance	LPG	VOC	0.000000	0.000000	0.000000	0.000000
<b>Snyder County Total Summer Day VOC Emissions</b>					<b>1.573892</b>	<b>1.407582</b>	<b>0.939082</b>	<b>0.879797</b>

**Appendix D2: Snyder County Daily Nonroad Emissions by SCC  
Tons per Day**

SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2260001010	Recreational Equipment	Motorcycles: Off-Road	2 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2260001020	Recreational Equipment	Snowmobiles	2 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2260001030	Recreational Equipment	ATVs	2 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2260001060	Recreational Equipment	Specialty Vehicles/Carts	2 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2260002006	Construction and Mining Equipment	Tampers/Rammers	2 Stroke	CO	0.003547	0.003510	0.002935	0.002991
2260002009	Construction and Mining Equipment	Plate Compactors	2 Stroke	CO	0.000171	0.000138	0.000109	0.000112
2260002021	Construction and Mining Equipment	Paving Equipment	2 Stroke	CO	0.000205	0.000164	0.000132	0.000135
2260002027	Construction and Mining Equipment	Signal Boards/Light Plants	2 Stroke	CO	0.000002	0.000001	0.000001	0.000001
2260002039	Construction and Mining Equipment	Concrete/Industrial Saws	2 Stroke	CO	0.009372	0.008834	0.007604	0.007791
2260002054	Construction and Mining Equipment	Crushing/Proc. Equipment	2 Stroke	CO	0.000040	0.000031	0.000027	0.000028
2260003030	Industrial Equipment	Sweepers/Scrubbers	2 Stroke	CO	0.000722	0.000505	0.000307	0.000109
2260003040	Industrial Equipment	Other General Industrial Eqp	2 Stroke	CO	0.000058	0.000040	0.000024	0.000009
2260004015	Lawn and Garden Equipment (Res)	Rotary Tillers < 6 HP	2 Stroke	CO	0.002009	0.001829	0.001367	0.001455
2260004016	Lawn and Garden Equipment (Com)	Rotary Tillers < 6 HP	2 Stroke	CO	0.044263	0.040263	0.029984	0.033806
2260004020	Lawn and Garden Equipment (Res)	Chain Saws < 6 HP	2 Stroke	CO	0.016404	0.014997	0.011419	0.012937
2260004021	Lawn and Garden Equipment (Com)	Chain Saws < 6 HP	2 Stroke	CO	0.407532	0.397849	0.367311	0.427957
2260004025	Lawn and Garden Equipment (Res)	Trimmers/Edgers/Brush Cutter	2 Stroke	CO	0.037806	0.033920	0.023592	0.026500
2260004026	Lawn and Garden Equipment (Com)	Trimmers/Edgers/Brush Cutter	2 Stroke	CO	0.439934	0.387695	0.320964	0.373672
2260004030	Lawn and Garden Equipment (Res)	Leafblowers/Vacuums	2 Stroke	CO	0.023594	0.021482	0.015991	0.018090
2260004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	2 Stroke	CO	0.443651	0.416525	0.358352	0.416396
2260004035	Lawn and Garden Equipment (Res)	Snowblowers	2 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2260004036	Lawn and Garden Equipment (Com)	Snowblowers	2 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2260004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	2 Stroke	CO	0.000181	0.000158	0.000128	0.000149
2260005035	Agricultural Equipment	Sprayers	2 Stroke	CO	0.002124	0.001794	0.001244	0.001404
2260006005	Commercial Equipment	Generator Sets	2 Stroke	CO	0.002121	0.001829	0.001613	0.002000
2260006010	Commercial Equipment	Pumps	2 Stroke	CO	0.014938	0.011857	0.010596	0.012965
2260006015	Commercial Equipment	Air Compressors	2 Stroke	CO	0.000006	0.000005	0.000005	0.000006
2260006035	Commercial Equipment	Hydro Power Units	2 Stroke	CO	0.000086	0.000072	0.000070	0.000087
2260007005	Logging Equipment	Chain Saws > 6 HP	2 Stroke	CO	0.017756	0.018351	0.018093	0.022915
2265001010	Recreational Equipment	Motorcycles: Off-Road	4 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2265001030	Recreational Equipment	ATVs	4 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2265001050	Recreational Equipment	Golf Carts	4 Stroke	CO	1.012585	1.055315	1.111208	1.184693
2265001060	Recreational Equipment	Specialty Vehicles/Carts	4 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2265002003	Construction and Mining Equipment	Pavers	4 Stroke	CO	0.003173	0.003260	0.003270	0.003239
2265002006	Construction and Mining Equipment	Tampers/Rammers	4 Stroke	CO	0.000025	0.000026	0.000027	0.000028
2265002009	Construction and Mining Equipment	Plate Compactors	4 Stroke	CO	0.005859	0.005943	0.006070	0.006203
2265002015	Construction and Mining Equipment	Rollers	4 Stroke	CO	0.005946	0.006096	0.006064	0.006071
2265002021	Construction and Mining Equipment	Paving Equipment	4 Stroke	CO	0.011472	0.011684	0.012127	0.012447
2265002024	Construction and Mining Equipment	Surfacing Equipment	4 Stroke	CO	0.005200	0.005351	0.005479	0.005596
2265002027	Construction and Mining Equipment	Signal Boards/Light Plants	4 Stroke	CO	0.000265	0.000271	0.000276	0.000283
2265002030	Construction and Mining Equipment	Trenchers	4 Stroke	CO	0.009724	0.009946	0.009906	0.009789
2265002033	Construction and Mining Equipment	Bore/Drill Rigs	4 Stroke	CO	0.002865	0.002877	0.002852	0.002830
2265002039	Construction and Mining Equipment	Concrete/Industrial Saws	4 Stroke	CO	0.024014	0.024671	0.024914	0.025375
2265002042	Construction and Mining Equipment	Cement & Mortar Mixers	4 Stroke	CO	0.010044	0.010004	0.010318	0.010700
2265002045	Construction and Mining Equipment	Cranes	4 Stroke	CO	0.000402	0.000398	0.000342	0.000219
2265002054	Construction and Mining Equipment	Crushing/Proc. Equipment	4 Stroke	CO	0.001410	0.001452	0.001482	0.001495
2265002057	Construction and Mining Equipment	Rough Terrain Forklifts	4 Stroke	CO	0.000525	0.000502	0.000347	0.000102
2265002060	Construction and Mining Equipment	Rubber Tire Loaders	4 Stroke	CO	0.001258	0.001180	0.000662	0.000119
2265002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	4 Stroke	CO	0.007562	0.007813	0.008020	0.008168
2265002072	Construction and Mining Equipment	Skid Steer Loaders	4 Stroke	CO	0.003346	0.003374	0.003242	0.002867
2265002078	Construction and Mining Equipment	Dumpers/Tenders	4 Stroke	CO	0.001564	0.001558	0.001605	0.001668
2265002081	Construction and Mining Equipment	Other Construction Equipment	4 Stroke	CO	0.000441	0.000428	0.000341	0.000159
2265003010	Industrial Equipment	Aerial Lifts	4 Stroke	CO	0.069817	0.062787	0.043756	0.014722
2265003020	Industrial Equipment	Forklifts	4 Stroke	CO	0.157824	0.134982	0.062707	0.004324
2265003030	Industrial Equipment	Sweepers/Scrubbers	4 Stroke	CO	0.067844	0.060218	0.035695	0.010973
2265003040	Industrial Equipment	Other General Industrial Eqp	4 Stroke	CO	0.173078	0.156852	0.108932	0.037936
2265003050	Industrial Equipment	Other Material Handling Eqp	4 Stroke	CO	0.005338	0.004843	0.003386	0.001066
2265003060	Industrial Equipment	AC/Refrigeration	4 Stroke	CO	0.001233	0.001145	0.000838	0.000300
2265003070	Industrial Equipment	Terminal Tractors	4 Stroke	CO	0.016389	0.013251	0.002917	0.000287
2265004010	Lawn and Garden Equipment (Res)	Lawn mowers	4 Stroke	CO	0.394959	0.409202	0.445489	0.509249
2265004011	Lawn and Garden Equipment (Com)	Lawn mowers	4 Stroke	CO	1.572902	1.639323	1.762404	2.043289
2265004015	Lawn and Garden Equipment (Res)	Rotary Tillers < 6 HP	4 Stroke	CO	0.033269	0.034428	0.037419	0.042697
2265004016	Lawn and Garden Equipment (Com)	Rotary Tillers < 6 HP	4 Stroke	CO	0.766288	0.797587	0.868952	0.996609
2265004025	Lawn and Garden Equipment (Res)	Trimmers/Edgers/Brush Cutter	4 Stroke	CO	0.002218	0.002305	0.002506	0.002871
2265004026	Lawn and Garden Equipment (Com)	Trimmers/Edgers/Brush Cutter	4 Stroke	CO	0.039061	0.041406	0.045621	0.052966
2265004030	Lawn and Garden Equipment (Res)	Leafblowers/Vacuums	4 Stroke	CO	0.004240	0.004406	0.004787	0.005479
2265004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	4 Stroke	CO	1.563356	1.673944	1.836480	2.058452
2265004035	Lawn and Garden Equipment (Res)	Snowblowers	4 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2265004036	Lawn and Garden Equipment (Com)	Snowblowers	4 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2265004040	Lawn and Garden Equipment (Res)	Rear Engine Riding Mowers	4 Stroke	CO	0.092885	0.097547	0.111443	0.130867
2265004041	Lawn and Garden Equipment (Com)	Rear Engine Riding Mowers	4 Stroke	CO	0.202418	0.217157	0.245239	0.285865
2265004046	Lawn and Garden Equipment (Com)	Front Mowers	4 Stroke	CO	0.218593	0.226080	0.254318	0.302237
2265004051	Lawn and Garden Equipment (Com)	Shredders < 6 HP	4 Stroke	CO	0.087808	0.091329	0.099600	0.114098
2265004055	Lawn and Garden Equipment (Res)	Lawn & Garden Tractors	4 Stroke	CO	1.235006	1.298092	1.493486	1.756371
2265004056	Lawn and Garden Equipment (Com)	Lawn & Garden Tractors	4 Stroke	CO	2.722542	2.937461	3.334027	3.886470
2265004066	Lawn and Garden Equipment (Com)	Chippers/Stump Grinders	4 Stroke	CO	0.361566	0.378994	0.382098	0.407450

**Appendix D2: Snyder County Daily Nonroad Emissions by SCC  
Tons per Day**

SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2265004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	4 Stroke	CO	8.421326	8.877160	9.645371	11.186762
2265004075	Lawn and Garden Equipment (Res)	Other Lawn & Garden Eqp.	4 Stroke	CO	0.040312	0.041715	0.045679	0.053550
2265004076	Lawn and Garden Equipment (Com)	Other Lawn & Garden Eqp.	4 Stroke	CO	0.238087	0.246362	0.269692	0.315999
2265005010	Agricultural Equipment	2-Wheel Tractors	4 Stroke	CO	0.007597	0.008128	0.009011	0.010205
2265005015	Agricultural Equipment	Agricultural Tractors	4 Stroke	CO	0.015367	0.015438	0.012550	0.009273
2265005020	Agricultural Equipment	Combines	4 Stroke	CO	0.000074	0.000074	0.000067	0.000047
2265005025	Agricultural Equipment	Balers	4 Stroke	CO	0.006985	0.007020	0.006312	0.004455
2265005030	Agricultural Equipment	Agricultural Mowers	4 Stroke	CO	0.005908	0.006144	0.006881	0.007879
2265005035	Agricultural Equipment	Sprayers	4 Stroke	CO	0.050569	0.051759	0.054913	0.060229
2265005040	Agricultural Equipment	Tillers > 6 HP	4 Stroke	CO	0.125747	0.128968	0.137507	0.154325
2265005045	Agricultural Equipment	Swathers	4 Stroke	CO	0.011064	0.011120	0.009998	0.007056
2265005055	Agricultural Equipment	Other Agricultural Equipment	4 Stroke	CO	0.022955	0.023388	0.023427	0.022151
2265005060	Agricultural Equipment	Irrigation Sets	4 Stroke	CO	0.021533	0.020596	0.011290	0.004510
2265006005	Commercial Equipment	Generator Sets	4 Stroke	CO	0.615743	0.659222	0.783339	0.982163
2265006010	Commercial Equipment	Pumps	4 Stroke	CO	0.142282	0.153808	0.176263	0.215850
2265006015	Commercial Equipment	Air Compressors	4 Stroke	CO	0.070679	0.076280	0.086006	0.102780
2265006025	Commercial Equipment	Welders	4 Stroke	CO	0.177565	0.193630	0.223637	0.270327
2265006030	Commercial Equipment	Pressure Washers	4 Stroke	CO	0.269674	0.291573	0.343356	0.425948
2265006035	Commercial Equipment	Hydro Power Units	4 Stroke	CO	0.013647	0.014916	0.017473	0.021631
2265007010	Logging Equipment	Shredders > 6 HP	4 Stroke	CO	0.039443	0.041992	0.049897	0.065061
2265007015	Logging Equipment	Forest Eq - Feller/Bunch/Skidder	4 Stroke	CO	0.000470	0.000511	0.000595	0.000754
2265008005	Airport Equipment	Airport Ground Support Equipment	4 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2265010010	Industrial Equipment	Other Oil Field Equipment	4 Stroke	CO	0.000000	0.000000	0.000000	0.000000
2267001060	Recreational Equipment	Specialty Vehicle Carts	LPG	CO	0.000000	0.000000	0.000000	0.000000
2267002003	Construction and Mining Equipment	Pavers	LPG	CO	0.000074	0.000076	0.000058	0.000016
2267002015	Construction and Mining Equipment	Rollers	LPG	CO	0.000126	0.000128	0.000081	0.000018
2267002021	Construction and Mining Equipment	Paving Equipment	LPG	CO	0.000019	0.000020	0.000018	0.000009
2267002024	Construction and Mining Equipment	Surfacing Equipment	LPG	CO	0.000013	0.000013	0.000010	0.000003
2267002030	Construction and Mining Equipment	Trenchers	LPG	CO	0.000226	0.000232	0.000182	0.000051
2267002033	Construction and Mining Equipment	Bore/Drill Rigs	LPG	CO	0.000073	0.000076	0.000072	0.000053
2267002039	Construction and Mining Equipment	Concrete/Industrial Saws	LPG	CO	0.000220	0.000224	0.000113	0.000029
2267002045	Construction and Mining Equipment	Cranes	LPG	CO	0.000079	0.000081	0.000073	0.000037
2267002054	Construction and Mining Equipment	Crushing/Proc. Equipment	LPG	CO	0.000013	0.000014	0.000012	0.000006
2267002057	Construction and Mining Equipment	Rough Terrain Forklifts	LPG	CO	0.000143	0.000148	0.000122	0.000036
2267002060	Construction and Mining Equipment	Rubber Tire Loaders	LPG	CO	0.000359	0.000369	0.000276	0.000059
2267002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	LPG	CO	0.000038	0.000039	0.000027	0.000005
2267002072	Construction and Mining Equipment	Skid Steer Loaders	LPG	CO	0.000293	0.000303	0.000261	0.000122
2267002081	Construction and Mining Equipment	Other Construction Equipment	LPG	CO	0.000117	0.000121	0.000111	0.000062
2267003010	Industrial Equipment	Aerial Lifts	LPG	CO	0.011423	0.012013	0.011065	0.006145
2267003020	Industrial Equipment	Forklifts	LPG	CO	1.094249	1.143733	0.884446	0.199563
2267003030	Industrial Equipment	Sweepers/Scrubbers	LPG	CO	0.008454	0.008777	0.005473	0.001346
2267003040	Industrial Equipment	Other General Industrial Equipm	LPG	CO	0.002563	0.002671	0.001875	0.000425
2267003050	Industrial Equipment	Other Material Handling Equipment	LPG	CO	0.000618	0.000650	0.000593	0.000286
2267003070	Industrial Equipment	Terminal Tractors	LPG	CO	0.005179	0.005356	0.002868	0.000735
2267004066	Lawn and Garden Equipment (Com)	Chippers/Stump Grinders	LPG	CO	0.020640	0.021177	0.014997	0.003204
2267005055	Agricultural Equipment	Other Agricultural Equipment	LPG	CO	0.000045	0.000045	0.000040	0.000028
2267005060	Agricultural Equipment	Irrigation Sets	LPG	CO	0.000039	0.000038	0.000024	0.000004
2267006005	Commercial Equipment	Generator Sets	LPG	CO	0.005709	0.006348	0.006775	0.005706
2267006010	Commercial Equipment	Pumps	LPG	CO	0.001352	0.001498	0.001472	0.000879
2267006015	Commercial Equipment	Air Compressors	LPG	CO	0.001649	0.001823	0.001690	0.000667
2267006025	Commercial Equipment	Welders	LPG	CO	0.002976	0.003290	0.003021	0.000971
2267006030	Commercial Equipment	Pressure Washers	LPG	CO	0.000039	0.000043	0.000043	0.000026
2267006035	Commercial Equipment	Hydro Power Units	LPG	CO	0.000026	0.000028	0.000024	0.000010
2267008005	Airport Equipment	Airport Ground Support Equipment	LPG	CO	0.000000	0.000000	0.000000	0.000000
2268002081	Construction and Mining Equipment	Other Construction Equipment	CNG	CO	0.000005	0.000005	0.000004	0.000002
2268003020	Industrial Equipment	Forklifts	CNG	CO	0.079800	0.082483	0.062952	0.013797
2268003030	Industrial Equipment	Sweepers/Scrubbers	CNG	CO	0.000095	0.000099	0.000075	0.000016
2268003040	Industrial Equipment	Other General Industrial Equipment	CNG	CO	0.000062	0.000064	0.000047	0.000010
2268003060	Industrial Equipment	AC\Refrigeration	CNG	CO	0.000052	0.000054	0.000037	0.000009
2268003070	Industrial Equipment	Terminal Tractors	CNG	CO	0.000365	0.000373	0.000197	0.000049
2268005055	Agricultural Equipment	Other Agricultural Equipment	CNG	CO	0.000059	0.000049	0.000028	0.000008
2268005060	Agricultural Equipment	Irrigation Sets	CNG	CO	0.004552	0.002679	0.000309	0.000000
2268006005	Commercial Equipment	Generator Sets	CNG	CO	0.001896	0.002016	0.002033	0.001646
2268006010	Commercial Equipment	Pumps	CNG	CO	0.000096	0.000102	0.000097	0.000063
2268006015	Commercial Equipment	Air Compressors	CNG	CO	0.000139	0.000147	0.000129	0.000047
2268006020	Commercial Equipment	Gas Compressors	CNG	CO	0.008321	0.007831	0.000997	0.001245
2268006035	Commercial Equipment	Hydro Power Units	CNG	CO	0.000000	0.000000	0.000000	0.000000
2268010010	Industrial Equipment	Other Oil Field Equipment	CNG	CO	0.000000	0.000000	0.000000	0.000000
2270001060	Recreational Equipment	Specialty Vehicle Carts	Diesel	CO	0.000000	0.000000	0.000000	0.000000
2270002003	Construction and Mining Equipment	Pavers	Diesel	CO	0.000750	0.000659	0.000555	0.000240
2270002006	Construction and Mining Equipment	Tampers/Rammers	Diesel	CO	0.000002	0.000002	0.000002	0.000002
2270002009	Construction and Mining Equipment	Plate Compactors	Diesel	CO	0.000030	0.000030	0.000030	0.000032
2270002015	Construction and Mining Equipment	Rollers	Diesel	CO	0.002158	0.001951	0.001643	0.000795
2270002018	Construction and Mining Equipment	Scrapers	Diesel	CO	0.001950	0.001778	0.001492	0.000696
2270002021	Construction and Mining Equipment	Paving Equipment	Diesel	CO	0.000140	0.000128	0.000103	0.000057
2270002024	Construction and Mining Equipment	Surfacing Equipment	Diesel	CO	0.000106	0.000099	0.000082	0.000046

**Appendix D2: Snyder County Daily Nonroad Emissions by SCC  
Tons per Day**

SCC	Classification	Equipment Type	Engine Type	Pollutant Code	2002 Emissions	2004 Emissions	2009 Emissions	2018 Emissions
2270002027	Construction and Mining Equipment	Signal Boards/Light Plants	Diesel	CO	0.000276	0.000260	0.000208	0.000171
2270002030	Construction and Mining Equipment	Trenchers	Diesel	CO	0.001296	0.001213	0.001021	0.000542
2270002033	Construction and Mining Equipment	Bore/Drill Rigs	Diesel	CO	0.000778	0.000746	0.000651	0.000399
2270002036	Construction and Mining Equipment	Excavators	Diesel	CO	0.005987	0.005073	0.004595	0.001425
2270002039	Construction and Mining Equipment	Concrete/Industrial Saws	Diesel	CO	0.000100	0.000093	0.000077	0.000041
2270002042	Construction and Mining Equipment	Cement & Mortar Mixers	Diesel	CO	0.000034	0.000034	0.000033	0.000027
2270002045	Construction and Mining Equipment	Cranes	Diesel	CO	0.001093	0.001004	0.000823	0.000398
2270002048	Construction and Mining Equipment	Graders	Diesel	CO	0.001410	0.001155	0.001022	0.000358
2270002051	Construction and Mining Equipment	Off-highway Trucks	Diesel	CO	0.006118	0.005125	0.003782	0.000799
2270002054	Construction and Mining Equipment	Crushing/Proc. Equipment	Diesel	CO	0.000256	0.000236	0.000198	0.000106
2270002057	Construction and Mining Equipment	Rough Terrain Forklifts	Diesel	CO	0.003223	0.003028	0.002634	0.001427
2270002060	Construction and Mining Equipment	Rubber Tire Loaders	Diesel	CO	0.008850	0.007599	0.006241	0.002929
2270002066	Construction and Mining Equipment	Tractors/Loaders/Backhoes	Diesel	CO	0.010126	0.010024	0.009616	0.006242
2270002069	Construction and Mining Equipment	Crawler Tractor/Dozers	Diesel	CO	0.007094	0.006299	0.005328	0.002208
2270002072	Construction and Mining Equipment	Skid Steer Loaders	Diesel	CO	0.008855	0.008800	0.008270	0.005651
2270002075	Construction and Mining Equipment	Off-Highway Tractors	Diesel	CO	0.001075	0.000964	0.000739	0.000328
2270002078	Construction and Mining Equipment	Dumpers/Tenders	Diesel	CO	0.000025	0.000026	0.000025	0.000018
2270002081	Construction and Mining Equipment	Other Construction Equipment	Diesel	CO	0.001030	0.000951	0.000769	0.000407
2270003010	Industrial Equipment	Aerial Lifts	Diesel	CO	0.003033	0.003101	0.003125	0.002364
2270003020	Industrial Equipment	Forklifts	Diesel	CO	0.018421	0.018358	0.019584	0.003396
2270003030	Industrial Equipment	Sweepers/Scrubbers	Diesel	CO	0.005668	0.005018	0.004644	0.001992
2270003040	Industrial Equipment	Other General Industrial Eqp	Diesel	CO	0.006148	0.005780	0.004915	0.002768
2270003050	Industrial Equipment	Other Material Handling Eqp	Diesel	CO	0.000563	0.000560	0.000538	0.000371
2270003060	Industrial Equipment	AC\Refrigeration	Diesel	CO	0.007522	0.006987	0.006947	0.003604
2270003070	Industrial Equipment	Terminal Tractors	Diesel	CO	0.007790	0.007085	0.007352	0.001644
2270004031	Lawn and Garden Equipment (Com)	Leafblowers/Vacuums	Diesel	CO	0.000002	0.000002	0.000003	0.000003
2270004036	Lawn and Garden Equipment (Com)	Snowblowers	Diesel	CO	0.000000	0.000000	0.000000	0.000000
2270004046	Lawn and Garden Equipment (Com)	Front Mowers	Diesel	CO	0.014580	0.014460	0.013252	0.010729
2270004056	Lawn and Garden Equipment (Com)	Lawn & Garden Tractors	Diesel	CO	0.003186	0.003126	0.002765	0.002833
2270004066	Lawn and Garden Equipment (Com)	Chippers/Stump Grinders	Diesel	CO	0.015541	0.015661	0.015513	0.011178
2270004071	Lawn and Garden Equipment (Com)	Commercial Turf Equipment	Diesel	CO	0.001639	0.001463	0.001361	0.000752
2270004076	Lawn and Garden Equipment (Com)	Other Lawn & Garden Eqp.	Diesel	CO	0.000052	0.000053	0.000055	0.000049
2270005010	Agricultural Equipment	2-Wheel Tractors	Diesel	CO	0.000010	0.000010	0.000009	0.000008
2270005015	Agricultural Equipment	Agricultural Tractors	Diesel	CO	0.266949	0.246483	0.202427	0.110347
2270005020	Agricultural Equipment	Combines	Diesel	CO	0.016627	0.016376	0.015577	0.010215
2270005025	Agricultural Equipment	Balers	Diesel	CO	0.000139	0.000138	0.000135	0.000099
2270005030	Agricultural Equipment	Agricultural Mowers	Diesel	CO	0.000032	0.000032	0.000031	0.000022
2270005035	Agricultural Equipment	Sprayers	Diesel	CO	0.001873	0.001804	0.001610	0.001009
2270005040	Agricultural Equipment	Tillers > 6 HP	Diesel	CO	0.000004	0.000003	0.000003	0.000002
2270005045	Agricultural Equipment	Swathers	Diesel	CO	0.001600	0.001655	0.001780	0.001425
2270005055	Agricultural Equipment	Other Agricultural Equipment	Diesel	CO	0.005303	0.004996	0.004186	0.002364
2270005060	Agricultural Equipment	Irrigation Sets	Diesel	CO	0.002376	0.002266	0.002000	0.001169
2270006005	Commercial Equipment	Generator Sets	Diesel	CO	0.004996	0.004964	0.004747	0.003479
2270006010	Commercial Equipment	Pumps	Diesel	CO	0.001162	0.001159	0.001126	0.000862
2270006015	Commercial Equipment	Air Compressors	Diesel	CO	0.002651	0.002586	0.002448	0.001522
2270006020	Commercial Equipment	Gas Compressors	Diesel	CO	0.000000	0.000000	0.000000	0.000000
2270006025	Commercial Equipment	Welders	Diesel	CO	0.003933	0.003936	0.003686	0.002372
2270006030	Commercial Equipment	Pressure Washers	Diesel	CO	0.000150	0.000149	0.000142	0.000107
2270006035	Commercial Equipment	Hydro Power Units	Diesel	CO	0.000120	0.000116	0.000107	0.000069
2270007010	Logging Equipment	Shredders > 6 HP	Diesel	CO	0.000000	0.000000	0.000000	0.000000
2270007015	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	Diesel	CO	0.005102	0.004168	0.003430	0.000655
2270008005	Airport Equipment	Airport Ground Support Equipment	Diesel	CO	0.000000	0.000000	0.000000	0.000000
2270009010	Construction and Mining Equipment	Other Underground Mining Equipment	Diesel	CO	0.000000	0.000000	0.000000	0.000000
2270010010	Industrial Equipment	Other Oil Field Equipment	Diesel	CO	0.000000	0.000000	0.000000	0.000000
2275000000	Aircraft	All Aircraft Types and Operations	Other	CO	0.222113	0.215450	0.237661	0.279862
2275070000	Aircraft	Auxiliary Power Units	Other	CO	0.000000	0.000000	0.000000	0.000000
2280000000	Marine Vessels	Commercial	All Fuels	CO	0.000000	0.000000	0.000000	0.000000
2280001000	Marine Vessels	Commercial	Coal	CO	0.000000	0.000000	0.000000	0.000000
2280002000	Marine Vessels	Commercial	Diesel	CO	0.000000	0.000000	0.000000	0.000000
2280003000	Marine Vessels	Commercial	Residual Fuel	CO	0.000000	0.000000	0.000000	0.000000
2280004000	Marine Vessels	Commercial	Gasoline	CO	0.000000	0.000000	0.000000	0.000000
2282005010	Pleasure Craft	Outboard	2 Stroke	CO	0.122365	0.117527	0.103493	0.089723
2282005015	Pleasure Craft	Personal Water Craft	2 Stroke	CO	0.044282	0.043041	0.040363	0.040064
2282010005	Pleasure Craft	Inboard/Sterndrive	4 Stroke	CO	0.062544	0.061113	0.056349	0.047838
2282020005	Pleasure Craft	Inboard/Sterndrive	Diesel	CO	0.000463	0.000488	0.000552	0.000665
2282020010	Pleasure Craft	Outboards	Diesel	CO	0.000008	0.000008	0.000007	0.000005
2285002005	Railroad Equipment	Line Haul Locomotives	Diesel	CO	0.009735	0.010049	0.010879	0.012550
2285002010	Railroad Equipment	Yard Locomotive	Diesel	CO	0.000000	0.000000	0.000000	0.000000
2285002015	Railroad Equipment	Railway Maintenance	Diesel	CO	0.000048	0.000047	0.000042	0.000027
2285004015	Railroad Equipment	Railway Maintenance	4 Stroke	CO	0.000137	0.000144	0.000156	0.000170
2285006015	Railroad Equipment	Railway Maintenance	LPG	CO	0.000001	0.000001	0.000001	0.000000
<b>Snyder County Total Summer Day CO Emissions</b>					<b>24.833129</b>	<b>25.850019</b>	<b>27.301457</b>	<b>30.140147</b>