

DRAFT Napa County Carbon Footprint

1/27/2009

2005 Community-scale GHG Emissions by Sector (metric tons of CO2 equivalents)	Yountville	% Total	Calistoga	% Total	St. Helena	% Total	American Canyon	% Total	City of Napa	% Total	Unincorp Napa Cnty	% Total	Total Napa County	% Total
Residential	3,765	13%	7,758	27%	10,781	24%	19,819	22%	106,003	23%	48,224	9%	196,350	17%
Commercial/ Industrial	14,032	50%	7,062	25%	17,458	39%	21,672	24%	71,120	16%	95,317	18%	226,661	19%
On-Road Vehicles	7,424	26%	8,704	31%	8,452	19%	40,479	44%	221,901	49%	349,764	67%	636,724	55%
Off-Road Garden	79	0%	151	1%	178	0%	346	0%	2,109	0%	753	0%	3,616	0%
Off-Road Industrial/ Commercial	1,858	7%	1,949	7%	4,061	9%	1,660	2%	24,277	5%	15,870	3%	49,675	4%
Solid Waste	1,109	4%	2,671	9%	4,353	10%	7,469	8%	29,366	6%	9,241	2%	54,209	5%
TOTAL CO2e EMISSIONS	28,267		28,295		45,283		91,445		454,776		519,169		1,167,235	
% of Total 2005 Napa County Emissions	2%		2%		4%		8%		39%		44%		100%	
Population (ABAG 2005)	3,400	3%	5,200	4%	6,100	5%	14,200	11%	76,600	57%	28,600	21%	134,100	100%
Households (ABAG 2005)	1,080	2%	2,060	4%	2,430	5%	4,710	10%	28,750	58%	10,260	21%	49,290	100%
Jobs (ABAG 2005)	2,700	4%	2,830	4%	2,700	4%	2,410	3%	35,260	51%	23,050	33%	68,950	100%
Residential emissions per capita	1.11		1.49		1.77		1.40		1.38		1.69		1.46	
Residential & Garden emissions per HH	3.56		3.84		4.51		4.28		3.76		4.77		4.06	
Commercial/Industrial emissions per job	5.89		3.18		7.97		9.68		2.71		4.82		4.01	
2020 Forecast GHG Emissions by Sector (metric tons of CO2 equivalents)		% Change		% Change		% Change		% Change		% Change		% Change		% Change
	Yountville	2005-2020	Calistoga	2005-2020	St. Helena	2005-2020	American Canyon	2005-2020	City of Napa	2005-2020	Unincorp Napa Cnty	2005-2020	Total Napa County	2005-2020
Residential	4,288	14%	8,022	3%	11,225	4%	27,393	38%	117,765	11%	51,232	6%	219,924	12%
Commercial/ Industrial	15,019	7%	7,486	6%	18,139	4%	59,261	173%	85,279	20%	107,599	13%	292,783	29%
On-Road Vehicles	9,293	25%	10,896	25%	10,580	25%	50,672	25%	277,777	25%	437,836	25%	797,054	25%
Off-Road Garden	90	14%	156	3%	185	4%	478	38%	2,343	11%	800	6%	4,053	12%
Off-Road Industrial/ Commercial	1,989	7%	2,066	6%	4,219	4%	4,539	173%	29,110	20%	17,915	13%	59,839	20%
Solid Waste	1,207	9%	2,722	2%	4,424	2%	10,046	35%	32,011	9%	9,790	6%	60,201	11%
TOTAL CO2e EMISSIONS	31,886	13%	31,348	11%	48,772	8%	152,389	67%	544,286	20%	625,172	20%	1,433,854	23%
% of Total 2020 Napa County Emissions	2%		2%		3%		11%		38%		44%		100%	
AB32 Target Reductions (15% reduction from 2005 baseline)														
	2005	2020	AB32 Target	CO2e Reduction	% CO2e Reduced									
Yountville	28,267	31,886	24,027	7,859	25%									
Calistoga	28,295	31,348	24,051	7,297	23%									
St. Helena	45,283	48,772	38,491	10,282	21%									
American Canyon	91,445	152,389	77,728	74,661	49%									
City of Napa	454,776	544,286	386,560	157,726	29%									
Unincorporated Napa County	519,169	625,172	441,294	183,879	29%									
TOTAL NAPA COUNTY	1,167,235	1,433,854	992,150	441,704	31%									