

Paper reference

Stephenson et al (2011)<sup>^</sup>  
O'Sullivan and Paltsev (2012) (aka the MIT study)\*  
Cathles et al (2012)<sup>^</sup>  
Burnham et al (2011)<sup>^</sup>  
EPA (2013)  
Jiang et al (2011)<sup>^</sup>  
EPA (2012)  
Hultman et al. (2011)<sup>^</sup>  
EPA (2011)<sup>^</sup>  
Miller et al (2013) (aka the Harvard study)  
Petron et al (2014)\*  
Howarth et al. (2011) (aka the Cornell study)^\*  
Petron et al (2012)<sup>^</sup>  
Karion et al (2013) (aka NOAA 2012)\*  
NOAA et al (2013)

	Method	Author Affiliations	Leakage rate estimate
	Bottom up	Academic/gov	0.6
	Bottom up	Industry	0.6
	Bottom up	Academic/Industry	0.9
	Bottom up	Gov	1.3
	Bottom up	Gov	1.65
	Bottom up	Academic	2
	Bottom up	Gov	2.3
	Bottom up	Academic	2.8
	Bottom up	Gov	3
	Top down	Academic/gov	3
	Top down	Academic/gov	3
	Bottom up	Academic	3.3
	Top down	Academic/gov/industry	4
	Top down	Academic	5.5
	Top down	Gov	9

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4  
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9

