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## Annual status report of the greenhouse gas inventory of the United States Of America

1. This status report was prepared by the secretariat as part of the initial check of the greenhouse gas inventory submitted in accordance with decision 19/CP.8. It reflects the content of the inventory submission of 2009 as originally submitted by the Party.
2. In this report, the following abbreviations are used:

CRF: common reporting format  
LULUCF: land use, land-use change and  
forestry  
NIR: national inventory report  
SBDT: sectoral background data tables

*Notation keys*

C: confidential  
IE: included elsewhere  
NA: not applicable  
NE: not estimated  
NO: not occurring

*Greenhouse gases*

CO<sub>2</sub>: carbon dioxide  
CH<sub>4</sub>: methane  
N<sub>2</sub>O: nitrous oxide  
HFCs: hydrofluorocarbons  
PFCs: perfluorocarbons  
SF<sub>6</sub>: sulphur hexafluoride  
NO<sub>x</sub>: nitrogen oxides  
CO: carbon monoxide  
NMVOCs: non-methane volatile organic  
compounds  
SO<sub>2</sub>: sulphur dioxide

GREENHOUSE GAS INVENTORY SUBMISSION											
General information		Date of receipt			Date of resubmission			Comments			
	NIR	13 April 2009									
	CRF tables <sup>a</sup>	13 April 2009									
	Additional information <sup>b</sup>										
	CRF provided for years	1990–2007									
	Base year or period <sup>c</sup>	1990									
	Gases covered	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>	NO <sub>x</sub>	CO	NMVOCs	SO <sub>2</sub>
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NIR	Description	The organization of the NIR follows the structure as outlined in the revised UNFCCC reporting guidelines <sup>d</sup> (decision 18/CP.8).									
	Language of NIR	English									

<sup>a</sup> CRF tables are contained in document FCCC/SBSTA/2006/9, annex II.

<sup>b</sup> Additional information can be any information submitted by a Party in conjunction with NIR or CRF tables.

<sup>c</sup> Parties included in Annex I to the Convention undergoing the process of transition to a market economy may use a base year or a period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decisions 9/CP.2 and 11/CP.4.

<sup>d</sup> “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines for annual inventories” (FCCC/SBSTA/2006/9).

PART I																
Provision of information for the latest reported inventory year in the common reporting format: 2007																
Tables		Energy		Industrial processes		Solvent and other product use		Agriculture		LULUCF		Waste				
	Sectoral report tables	1	✓	2(I)	✓	3	✓	4	✓	5	✓	6	✓			
					2(II)	✓										
	Sectoral background data tables	1.A(a)	✓	2(I).A-G		✓	3.A-D		✓	4.A	✓	5.A	✓	6.A	✓	
		1.A(b)	✓	2(II).C		✓				4.B(a)	✓	5.B	✓	6.B	✓	
		1.A(c)	✓	2(II).E		✓				4.B(b)	✓	5.C	✓	6.C	✓	
		1.A(d)	✓	2(II).F		✓				4.C	✓	5.D	✓			
		1.B.1	✓							4.D	✓	5.E	✓			
		1.B.2	✓							4.E	✓	5.F	✓			
		1.C	✓							4.F	✓	5 (I)	✓			
		Bunkers separately			✓								5 (II)	✓		
													5 (III)	✓		
												5 (IV)	✓			
												5 (V)	✓			
	Summary tables	Summary 1.A		✓	Summary 1.B		✓	Summary 2		✓			✓			
Other tables	Summary 3		✓	Table 7 (Key categories)		✓	Table 9(a) (Completeness)		✓			✓				
	Table 10 (Trends)		✓				Table 9(b) (Completeness)									
Comments																
Totals	Provided for gases	CO <sub>2</sub> ✓		CH <sub>4</sub> ✓		N <sub>2</sub> O ✓		HFCs ✓		PFCs ✓		SF <sub>6</sub> ✓				
	Provided for years	1990–2007		1990–2007		1990–2007		1990–2007		1990–2007		1990–2007				
CO <sub>2</sub>	Comparison of CO <sub>2</sub> from fuel combustion	Reference approach		Sectoral approach		Difference more than 2 per cent		If difference is more than 2 per cent		Explanation provided						
		✓		✓												
HFCs, PFCs, SF <sub>6</sub>	Disaggregation by species			HFCs		PFCs		SF <sub>6</sub>								
				✓		✓										
	Reporting of actual and/or potential emission estimates in the consumption of halocarbons and SF <sub>6</sub>			Actual	Potential	Actual	Potential	Actual	Potential	Actual	Potential					
			✓	✓	✓	✓	✓	✓	✓	✓	✓					
Notation keys	Used in	Summary table 1.A		✓	Sectoral report tables		✓	Sectoral background data tables		✓						
	Comments															

PART II Provision of common reporting format tables for years reported																								
		Years																		Information gaps relating to reporting <sup>a</sup>	Comments			
		Base year <sup>a</sup>	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006			2007		
Energy	Sectoral report: Table 1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	SBDT	Table 1.A(a)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Table 1.A(b)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.A(c)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.A(d)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.B.1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.B.2		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Industrial processes	Sectoral reports:	Table 2(I)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Table 2(II)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	SBDT	Table 2(I).A-G		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Table 2(II).C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 2(II).E		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 2(II).F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Solvent use	Sectoral report: Table 3		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	SBDT	Table 3.A-D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			

PART II																					
Provision of common reporting format tables for years reported (continued)																					
		Years																	Information gaps relating to reporting <sup>b</sup>	Comments	
		Base year <sup>a</sup>	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005			2006
Agriculture	Sectoral report: Table 4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4.B(a)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4.B(b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4.E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table, but notation key NA is used.
	Table 4.F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
LULUCF	Sectoral report: Table 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 5.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 5.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 5.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 5.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table, but notation keys NA, NE are used.
	Table 5.E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 5.F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table, but notation keys NA, NE are used.
	Table 5 (I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 5 (II)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table, but for years 1990-2006 notation keys NE, NA, IE are used and for year 2007 notation keys IE, NE, NA are used.
	Table 5 (III)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table, but notation keys IE, NA are used.
	Table 5 (IV)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 5 (V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

		PART II																					
		Provision of common reporting format tables for years reported (continued)																					
		Years																					
		Base year <sup>a</sup>	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Information gaps relating to reporting <sup>b</sup>	Comments	
Waste	Sectoral report: Table 6		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 6.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 6.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 6.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No numerical data are reported in this table, but notation keys IE, NE are used.	
Summary and other tables	Summary 1.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Summary 1.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Summary 2 (CO <sub>2</sub> equivalent emissions)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Summary 3 (Methods/emission factors)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 7 (Key categories)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 8(a) (Recalculation – recalculated data)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 8(b) (Recalculation – explanatory information)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 9(a) (Completeness)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 9(b) (Completeness)																						
	Table 10 (Trends)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

<sup>a</sup> Parties included in Annex I to the Convention undergoing the process of transition to a market economy are allowed to use a base year or a period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decisions 9/CP.2 and 11/CP.4.

<sup>b</sup> This column indicates that reporting gaps (blank cells) have been identified in a given table of the CRF. This was due to limited use, or lack, of notation keys (NO, NE, NA, IE, C).

PART III Provision of information relating to recalculations						
Table 8(a) (Recalculated data)	✓	Comments				
Recalculation reported for years	1990–2006					
Recalculated sectors/gases	Energy	Industrial Processes	Solvent and other product use	Agriculture	LULUCF	Waste
CO <sub>2</sub>	✓	✓			✓	
CH <sub>4</sub>	✓	✓		✓	✓	✓
N <sub>2</sub> O	✓	✓		✓	✓	✓
HFCs		✓				
PFCs		✓				
SF <sub>6</sub>		✓				
Table 8(b) (Explanatory information)	✓	✓		✓	✓	✓
Percentage difference in aggregate greenhouse gas emission	base year estimate: <sup>a</sup>		with LULUCF: –2.83 %		without LULUCF: –0.83 %	
	latest recalculated year: <sup>b</sup>		with LULUCF: –2.75 %		without LULUCF: –0.16 %	

<sup>a</sup> Parties included in Annex I to the Convention undergoing the process of transition to a market economy are allowed to use a base year or a period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decisions 9/CP.2 and 11/CP.4.

<sup>b</sup> The latest recalculated year is the submission year minus 3.