



Status report on the annual inventory of the United States of America

1. This status report was prepared by the secretariat pursuant to the annex to decision 13/CP.20, as part of the initial assessment of the 2018 annual inventory of the United States of America, submitted in accordance with decision 24/CP.19. It reflects the content of the 2018 annual inventory as submitted by the Party (dates of submission are provided in the table on page 2).

2. In this report, the following acronyms abbreviations are used:

CRF: common reporting format	<i>Notation keys</i>
GHG: greenhouse gas	C: confidential
IPPU: industrial processes and product use	IE: included elsewhere
LULUCF: land use, land-use change and forestry	NA: not applicable
NIR: national inventory report	NE: not estimated
SBDT: sectoral background data tables	NO: not occurring
SEF: standard electronic format	

Gases

CO ₂ : carbon dioxide
CH ₄ : methane
N ₂ O: nitrous oxide
HFCs: hydrofluorocarbons
PFCs: perfluorocarbons
MIX: unspecified mix of HFCs and PFCs
SF ₆ : sulfur hexafluoride
NF ₃ : nitrogen trifluoride
NO _x : nitrogen oxides
CO: carbon monoxide
NMVOCs: non-methane volatile organic compounds
SO ₂ : sulfur dioxide



GREENHOUSE GAS INVENTORY SUBMISSION														
General information		Date of receipt				Date of resubmission				Comments				
	NIR	12 April 2018												
	CRF tables ^a	12 April 2018												
	Additional information ^b													
	CRF tables provided for years	1990–2016												
	Base year or period ^c	1990												
	Gases covered	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	MIX	SF ₆	NF ₃	NO _x	CO	NMVOCS	SO ₂	
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
NIR	Description	The organization of the NIR generally follows the structure outlined in the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual greenhouse gas inventories” (annex to decision 24/CP.19); however, the suggested chapter titled “Indirect CO ₂ and nitrous oxide emissions” has not been provided.												
	Language	English												

^a The CRF tables are contained in annex II to decision 24/CP.19.

^b Additional information can be any information submitted by the Party in conjunction with the NIR or CRF tables.

^c Parties included in Annex I to the Convention undergoing the process of transition to a market economy may use a base year or period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decision 24/CP.19.

PART I											
Provision of information for the latest reported inventory year in the CRF tables: 2016											
Tables		Energy		IPPU		Agriculture		LULUCF		Waste	
	Sectoral report tables	1	✓	2(I)	✓	3	✓	4	✓	5	✓
				2(II)	✓			4.1	✓		
	SBDT	1.A(a)	✓	2(I).A–H	✓	3.A	✓	4.A	✓	5.A	✓
		1.A(b)	✓	2(II).B–H	✓	3.B(a)	✓	4.B	✓	5.B	✓
		1.A(c)	✓			3.B(b)	✓	4.C	✓	5.C	✓
		1.A(d)	✓			3.C	✓	4.D	✓	5.D	✓
		1.B.1	✓			3.D	✓	4.E	✓		
		1.B.2	✓			3.E	✓	4.F	✓		
		1.C	✓			3.F	✓	4(I)	✓		
1.D		✓			3.G–I	✓	4(II)	✓			
							4(III)	✓			
							4(IV)	✓			
						4(V)	✓				
						4.G	✓				
Summary tables	Summary table 1.A	✓	Summary table 2	✓	Summary table 3	✓					
Other tables	Table 6 (Indirect emissions of N ₂ O and CO ₂)	✓	Table 7 (Overview of key categories)	✓	Table 8 (Recalculation – recalculated data)						
	Table 9 (Completeness)	✓	Table 10 (Emission trends)	✓							
Comments	Key categories are reported differently in the NIR compared with in CRF table 7, which may lead to inconsistencies (e.g. in the level of aggregation and categories identified).										
Totals	Provided for gases	CO ₂ ✓	CH ₄ ✓	N ₂ O ✓	HFCs ✓	PFCs ✓	MIX ✓	SF ₆ ✓	NF ₃ ✓		
	Provided for years	1990–2016	1990–2016	1990–2016	1990–2016	1990–2016	1990–2016	1990–2016	1990–2016	1990–2016	
CO ₂	Comparison of CO ₂ emissions from fuel combustion	Reference approach	Sectoral approach	Difference more than 2%	If difference is more than 2% explanation provided in CRF table 1.A(c)						
		✓	✓								
HFCs and PFCs	Disaggregation by species	HFCs	PFCs								
		✓	✓								
Notation keys	Used in	Summary table 1.A	✓	Sectoral report tables	✓	SBDT	✓				
	Comments										

PART II																						
Provision of CRF tables for years reported																						
		Years														Comments						
		Base year ^a	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014		2015	2016				
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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2016. For these years the notation keys IE, NA and NO are used.
		Table 1.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		IPPU	Sectoral report:	Table 2(I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Table 2(II)	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SBDT	Table 2(I).A–H		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 2(II).B–H		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II

Provision of CRF tables for years reported (continued)

		<i>Years</i>																<i>Comments</i>
		<i>Base year^a</i>	<i>1990</i>	<i>1995</i>	<i>2000</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	
<i>Agriculture</i>	Sectoral report: Table 3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 3.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 3.B(a)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 3.B(b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 3.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 3.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 3.E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2016. For these years the notation key IE is used.
	Table 3.F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 3.G–I	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II																				
Provision of CRF tables for years reported (continued)																				
	Base year ^a	Years																Comments		
		1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016				
LULUCF SBDT	Sectoral report: Table 4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4.I	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4.E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4.F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2016. For these years the notation keys NA and NE are used.
	Table 4.G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4(I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4(II)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4(III)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2016. For these years the notation keys NA and NE are used.
	Table 4(IV)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4(V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II																			
Provision of CRF tables for years reported (continued)																			
		Years															Comments		
		Base year ^a	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015		2016	
Waste	Sectoral report: Table 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SBDT	Table 5.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 5.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 5.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2016. For these years the notation keys IE and NA are used.
		Table 5.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

PART II																			
Provision of CRF tables for years reported (continued)																			
		Years															Comments		
		Base year ^a	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015		2016	
Summary and other tables	Summary table 1.A (Report for national GHG inventories)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Summary table 2 (CO ₂ equivalent emissions)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Summary table 3 (Methods and emission factors used)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 6 (Indirect emissions of N ₂ O and CO ₂)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 7 (Overview for key categories)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II																	
Provision of CRF tables for years reported (continued)																	
	Years																Comments
	Base year ^a	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
Table 8 (Recalculation – recalculated data)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Table 9 (Completeness)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Table 10 (Emission trends)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

^a Parties included in Annex I to the Convention undergoing the process of transition to a market economy may use a base year or period of years other than 1990 in accordance with the provisions of Article 4, paragraph 6, of the Convention and decision 24/CP.19.

PART III					
Provision of information relating to recalculations					
Table 8 (Recalculation – recalculated data)	✓	Comments	Explanatory information relating to recalculations is provided in chapter 9 of the NIR.		
Recalculation reported for years	1990–2015				
Recalculated sectors/gases	Energy	IPPU	Agriculture	LULUCF	Waste
CO ₂	✓	✓	✓	✓	
CH ₄	✓		✓	✓	✓
N ₂ O	✓	✓	✓	✓	✓
HFCs		✓			
PFCs		✓			
Unspecified mix of HFCs and PFCs		✓			
SF ₆		✓			
NF ₃		✓			
Percentage difference in aggregate GHG emissions	Base-year estimate: ^a	Including LULUCF:	-0.13%	Excluding LULUCF:	-0.12%
	Latest recalculated year: ^b	Including LULUCF:	1.98%	Excluding LULUCF:	0.78%

^a Parties included in Annex I to the Convention undergoing the process of transition to a market economy may use base year or period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decision 24/CP.19.

^b The latest recalculated year is the submission year minus three years.
