

REVISED COUNTRY PROGRAMME REPORT FORMAT (2023 DATA AND BEYOND)

COUNTRY: Pakistan

YEAR: January to December of the year

2024

SECTION A. ANNEX A, ANNEX B, ANNEX C - GROUP I AND ANNEX E - DATA ON CONTROLLED SUBSTANCES (METRIC TONNES)

NOTE: Data entry is required in UNSHADED cells only

Substance ¹	Use by Sector										Import	Export	Production	Import quotas	If imports are banned, indicate date ban commenced (DD/MM/YYYY)	Remarks ³	
	Aerosol	Foam	Fire Fighting	Refrigeration		Solvent	Process agent	Lab Use	Methy Bromide								TOTAL
				Manufacturing	Servicing				QPS	Non-QPS							
Annex A, Group I																	
CFC-11	0.00	0.00		0.00	0.00						0.00	0.00	0.00	0.00	0.00		
CFC-12	0.00	0.00		0.00	0.00						0.00	0.00	0.00	0.00	0.00		
CFC-113	0.00					0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00		
CFC-114				0.00	0.00						0.00	0.00	0.00	0.00	0.00		
CFC-115				0.00	0.00						0.00	0.00	0.00	0.00	0.00		
Sub-Total	0.00	0.00		0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00		
Annex A, Group II																	
Halon-1211			0.00								0.00	0.00	0.00	0.00	0.00		
Halon-1301			0.00								0.00	0.00	0.00	0.00	0.00		
Halon-2402			0.00								0.00	0.00	0.00	0.00	0.00		
Sub-Total			0.00								0.00	0.00	0.00	0.00	0.00		
Annex B, Group I																	
CFC-13					0.00						0.00	0.00	0.00	0.00	0.00		
Sub-Total					0.00						0.00	0.00	0.00	0.00	0.00		
Annex B, Group II																	
Carbon tetrachloride						0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00		
Sub-Total						0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00		
Annex B, Group III																	
Methyl chloroform						0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00		
Sub-Total						0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00		
Annex C, Group I																	
HCFC-22	0.00	0.00	0.00	20.00	1918.39	0.00	0.00	0.00			1938.39	1938.39	0.00	0.00	2048.83		
HCFC-141b	0.00	49.00	0.00	0.00	0.00	0.00	0.00	0.00			49.00	49.00	0.00	0.00	66.11		
HCFC-141b in imported pre-blended polyol		144.30									144.30	144.30	0.00	0.00	0.00		
HCFC-142b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00		
HCFC-123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	1.00		
HCFC-124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00		
HCFC-133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00		
HCFC-225	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00		
HCFC-225ca	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00		
HCFC-225cb	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00		
Other ²	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00		
Other ²	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00		
Subtotal	0.00	193.30	0.00	20.00	1918.39	0.00	0.00	0.00			2131.69	2131.69	0.00	0.00	2115.94		
Annex E																	
Methyl Bromide											600.00	0.00	600.00	600.00	0.00	0.00	0.00
Subtotal											600.00	0.00	600.00	600.00	0.00	0.00	0.00
TOTAL	0.00	193.30	0.00	20.00	1918.39	0.00	0.00	0.00			600.00	0.00	2731.69	2731.69	0.00	0.00	2115.94

1 Where the data involves a blend of two or more substances, the quantities of individual components of controlled substances must be indicated separately.

2 Indicate relevant controlled substances.

3 Provide explanation if total sector use and consumption (import-export+production) is different (e.g. stockpiling).

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SECTION B. ANNEX F - DATA ON CONTROLLED SUBSTANCES (METRIC TONNES)

NOTE: Data entry is required in UNSHADED cells only

Substance	Use by Sector								TOTAL	Import	Export	Production	Manufacturing of Blends*	Import quotas	If imports are banned, indicate date ban commenced (DD/MM/YYYY)	Remarks ⁴		
	Aerosol	Foam	Fire Fighting	Refrigeration and air-conditioning				Solvent									Other ³	
				Refrigeration		Manufacturing												Servicing
				Refrigeration	Air-conditioning	Other unidentified manufacturing ⁵												
Annex F																		
Controlled Substances																		
HFC-32	0.00	0.00	0.00	0.00	1028.03	0.00	0.00	0.00	0.00	1028.03	1028.03	0.00	0.00	0.00		So far no control regime exists on		
HFC-41**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		import of HFCs therefore no		
HFC-125	0.00	0.00	0.00	0.00	131.00	0.00	0.00	0.00	0.00	131.00	131.00	0.00	0.00	0.00		quota licensing system is		
HFC-134**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		currently in place. Information		
HFC-134a	0.00	0.00	0.00	500.00	611.00	0.00	1000.06	0.00	0.00	2111.06	2111.06	0.00	0.00	0.00		regarding accurate sectoral use of		
HFC-143**	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		these HFCs is currently not		
HFC-143a	0.00	0.00	0.00	0.00	0.00	1.90	0.00	0.00	0.00	1.90	1.90	0.00	0.00	0.00		available and sector identified		
HFC-152**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		under the KA need assessment		
HFC-152a	0.00	17.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.50	17.50	0.00	0.00	0.00		survey are being considered.		
HFC-227ea	0.00	0.00	3.21	0.00	0.00	0.00	0.00	0.00	0.00	3.21	3.21	0.00	0.00	0.00				
HFC-236cb	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		Furthermore, as no dedicated		
HFC-236ea	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		PCT codes are identified to		
HFC-236fa	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00		record segregated import of		
HFC-245ca	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		HFCs, therefore error and		
HFC-245fa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		omissions are expected.		
HFC-365mfc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
HFC-43-10mee	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
HFC-23 (use)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		Quantity of R-125 is being used		
Sub-Total	0.00	19.50	3.21	500.00	1770.03	1.90	1000.06	0.00	0.00	3294.70	3294.70	0.00	0.00	0.00		for local blending of R-410A.		
Blends (Mixture of Controlled Substances)¹																		
R-404A (HFC-125=44%, HFC-134a=4%, HFC-143a=52%)	0.00	0.00	0.00	0.00	0.00	40.00	15.62	0.00	0.00	55.62	55.62	0.00	0.00	0.00				
R-407A (HFC-32=20%,HFC-125=40%,HFC-134a=40%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
R-407C (HFC-32=23%,HFC-125=25%, HFC-134a=52%)	0.00	0.00	0.00	0.00	102.41	0.00	0.00	0.00	0.00	102.41	102.41	0.00	0.00	0.00				
R-410A (HFC-32=50%, HFC-125=50%)	0.00	0.00	0.00	0.00	400.00	0.00	415.37	0.00	0.00	815.37	815.37	0.00	0.00	0.00				
R-507A (HFC-125=50%, HFC-143a=50%)	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.00	0.79	0.79	0.00	0.00	0.00				
R-508B (HFC-23=46%, PFC-116=54%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
R-422D (HFC-125=65.1%, HFC-134a=31.5%, HC-600=3.4%)	0.00	0.00	0.00	0.00	0.00	0.00	18.19	0.00	0.00	18.19	18.19	0.00	0.00	0.00				
HFC YH 222 (HFC-125=60.1%, HFC 152=9.0%, HFC-134a=27.5%, HC-290=3.4%)	0.00	0.00	0.00	0.00	0.00	0.00	21.80	0.00	0.00	21.80	21.80	0.00	0.00	0.00				
HFC 513A (HFO-1234YF=56%, HFC-134a=44%)	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.06	0.06	0.00	0.00	0.00				
Sub-Total	0.00	0.00	0.00	0.00	502.41	40.79	471.04	0.00	0.00	1014.24	1014.24	0.00	0.00	0.00				
Others																		
HFC-245fa in imported pre-blended polyol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
HFC-365mfc in imported pre-blended polyol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Sub-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
TOTAL	0.00	19.50	3.21	500.00	2272.44	42.69	1471.10	0.00	0.00	4308.94	4308.94	0.00	0.00	0.00				

¹ When reporting HFC blends/mixtures, reporting of controlled substances should not be duplicated. For the CP report, countries should report use of individual controlled substances and quantities of blends/mixtures used, separately, while ensuring that the amounts of controlled substances are not reported more than once.

² If a non-standard blend not listed in the above table is used, please indicate the percentage of each constituent controlled substance of the blend being reported in the remarks column.

³ Uses in other sectors that do not fall specifically within the listed sectors in the table.

⁴ Provide explanation if total sector use and consumption (import-export+production) is different (e.g. stockpiling).

⁵ Only if break-down of consumption in refrigeration and air-conditioning manufacturing is not available, information in "Other unidentified manufacturing" may be provided.

*Tentative/best estimates.

** These substances are not commonly used; please check the substance is used while reporting.

COUNTRY: Pakistan

SECTION C. AVERAGE ESTIMATED PRICE OF HCFCs, HFCs AND ALTERNATIVES (US \$/kg)

Description	Previous year price (prefilled - online submission, if available)	Current prices	Remarks ¹	
HCFCs				
HCFC-22	0.00	0.00		
HCFC-141b	0.00	0.00		
HCFC-142b	0.00	0.00		
HCFC-123	0.00	0.00		
HCFC-124	0.00	0.00		
HCFC-133	0.00	0.00		
HCFC-225	0.00	0.00		
HCFC-225ca	0.00	0.00		
HCFC-225cb	0.00	0.00		
HCFC-141b in imported pre-blended polyol	0.00	0.00		
HFCs				
HFC-23 (use)	0.00	0.00		
HFC-32	0.00	0.00		
HFC-41	0.00	0.00		
HFC-125	0.00	0.00		
HFC-134	0.00	0.00		
HFC-134a	0.00	0.00		
HFC-143	0.00	0.00		
HFC-143a	0.00	0.00		
HFC-152	0.00	0.00		
HFC-152a	0.00	0.00		
HFC-227ea	0.00	0.00		
HFC-236cb	0.00	0.00		
HFC-236ea	0.00	0.00		
HFC-236fa	0.00	0.00		
HFC-245ca	0.00	0.00		
HFC-245fa	0.00	0.00		
HFC-365mfc	0.00	0.00		
HFC-43-10mee	0.00	0.00		
HFC-245fa in imported pre-blended polyol	0.00	0.00		
HFC-365mfc in imported pre-blended polyol	0.00	0.00		
R-404A	0.00	0.00		
R-407A	0.00	0.00		
R-407C	0.00	0.00		
R-410A	0.00	0.00		
R-507A	0.00	0.00		
R-508B	0.00	0.00		
Alternatives				
Isobutane (HC-600a)	0.00	0.00		
Propane (HC-290)	0.00	0.00		
Pentane	0.00	0.00		
Cyclopentane	0.00	0.00		
Methyl formate	0.00	0.00		
Other alternatives (Optional):	0.00	0.00		
	0.00	0.00		

¹ Indicate whether the prices are FOB or retail prices.

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SECTION D. ANNEX F, GROUP II - DATA ON HFC-23 GENERATION (METRIC TONNES)

NOTE: Fill in this form only if your country generated HFC-23 from any facility that produced (manufactured) Annex C Group I or Annex F substances

	Captured for all uses ¹	Captured for feedstock uses within your country ²	Captured for destruction ²
HFC-23 ¹		N.A	

¹ HFC-23 generation that is captured, whether for destruction, feedstock or any other use, shall be reported in this form

² Amounts of HFC-23 captured for destruction or feedstock use will not be counted as production as per Article 1 of the Montreal Protocol.

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SECTION E. ANNEX F, GROUP II - DATA ON HFC-23 EMISSIONS (METRIC TONNES)

NOTE: Fill in this form only if your country generated HFC-23 from any facility that produced (manufactured) Annex C Group I or Annex F substances

Facility name or identifier	Total amount generated ¹	Amount generated and captured ²			Amount used for feedstock without prior capture ³	Amount destroyed without prior capture ⁴	Amount of generated emissions	Remarks
		For all uses	For feedstock use in your country	For destruction				
Total	0.00	0.00	0.00	0.00	0.00	0.00		

¹ "Total amount generated" refers to the total amount whether captured or not. The sum of these amounts is not to be reported under Section D.
² The sums of these amounts are to be reported under Section D.
³ Amount converted to other substances in the facility. The sum of these amounts is not to be reported under Section D.
⁴ Amount destroyed in the facility.

COUNTRY: Pakistan

SECTION F. COMMENTS BY BILATERAL/IMPLEMENTING AGENCIES