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Point Source Air Emissions Inventory

The point source emissions inventory is an annual survey of chemical plants, refineries, electric utility plants and other industrial sites that meet the reporting criteria in the TCEQ emissions inventory rule ([30 TAC §101.10](#)). More details on point source emissions and other sources of emissions may be found at [Sources of Air Pollution](#).

This Web page provides access to point source emissions inventory data and to tools and information of use to companies completing their annual questionnaires.

- [Status of 2002 Emissions Inventory Questionnaires](#)
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Point Source Emissions Inventory Trends

The point source emissions data for the last four completed calendar years are illustrated in the table below. This table provides information on industrial emissions in tons per year (tpy) for the sources that met the reporting requirements of Rule 101.10 and submitted an emissions inventory for that year. It lists the following pollutants: volatile organic

compounds (VOC), nitrogen oxides (NO_x), sulfur dioxide (SO₂), carbon monoxide (CO), and particulate matter less than ten microns in diameter (PM₁₀).

Annual Inventory Trends				
Pollutant [tpy]	1997	1998	1999	2000
VOC	212,000	200,000	187,000	177,000
NO _x	903,000	910,000	849,000	796,000
SO ₂	948,000	953,000	978,000	850,000
CO	408,000	404,000	407,000	377,000
PM ₁₀	52,000	59,000	61,000	61,000
Total	2,523,000	2,526,000	2,482,000	2,261,000

Detailed Data from the Point Source Emissions Inventory

The TCEQ collects information about air pollutants emitted from industrial point sources in Texas that is stored in our State of Texas Air Reporting System (STARS). Only those sites whose emission rates exceed the reporting applicability levels found in([30 Texas Administrative Code 101.10](#)) are tracked. Currently, there are

approximately 2,000 industrial sites updating emissions annually.

Emissions data is available for the 2,000 sites and are available in portable document format (PDF). (Help with [PDF](#).) The reports are organized by account number, county, SIC code or company name. The industrial emissions are represented in tons per year.

**2001 Point Source Emissions
Summary Data as of:
August 2003**

Report Type	Filename	File Size
Sorted by account number	sum_acc.pdf	352K
Sorted by county	sum_cty.pdf	372K
Sorted by SIC code	sum_sic.pdf	326K
Sorted by company name	sum_co.pdf	360K

For definition of codes for these tables, click [here](#).

If you need summary information for analysis in your database or spreadsheet program, a tab-delimited text file is available that provides the same information as the reports in the tables above: Download [sum.txt \(210K\)](#) The industrial emissions are represented in tons per year.

For Point Source Emission Data prior to calendar year 2001 contact [TCEQ IR Data Clearinghouse](#).

Grandfathered Survey Information

[Initial Results of the Grandfathered Survey](#) - This provides summary charts that compare grandfathered emissions to exempt and permitted emissions in 1997. It also provides site-level information for the 1,699 plants in the survey.

[Source Status Survey Verification Reports](#) - This provides detailed, facility-level information on permit status and emissions for the plants in the survey. This data is for the 1997 calendar year.

Tools for Completing the Point Source Emissions Inventory Questionnaires

The following information is provided for the benefit of those companies submitting an annual emissions inventory reports under [30 TAC §101.10](#).

Help with completing the inventory may also be obtained by calling (512)239-1773 during regular business hours.

Point Source Emissions Inventory Tools		
File	Origin	Description

2002 Emissions Inventory Guidelines (Manual) PDF or WordPerfect	TCEQ	<p>This document provides the forms and detailed instructions needed to complete an annual point source air emissions inventory questionnaire. RG-360/02</p> <p>Note: Map of Attainment and Near Nonattainment Areas is available only in the PDF version of the document.</p>
General Account Information Form PDF or WordPerfect	TCEQ	<p>This form, for new accounts only, allows a company to provide such general information as company name, TCEQ air account number, and site location and operating schedule information. TCEQ-10447 (12/31/2002)</p>
Contact Information Form PDF or WordPerfect	TCEQ	<p>This form allows a company to provide or change information about the company contact person(s) for the account. TCEQ-20034 (12/31/2002)</p>
Structural Overview Form PDF or WordPerfect	TCEQ	<p>This form, which is used to list all paths in an account, should be filled out for all new accounts and for existing accounts adding or changing structure. TCEQ-20035 (12/31/2002)</p>
Facility Non-Flare Form	TCEQ	<p>One of these seven forms must be completed for each FIN added to an</p>

[PDF](#) or
[WordPerfect](#)

Facility Flare
Form
[PDF](#) or
[WordPerfect](#)

Facility Storage
Tank Form
[PDF](#) or
[WordPerfect](#)

Facility Cooling
Tower Form
[PDF](#) or
[WordPerfect](#)

Facility Waste
Water Form
[PDF](#) or
[WordPerfect](#)

Facility Leaking
Component
Form
[PDF](#) or
[WordPerfect](#)

account.
TCEQ-20036a,b,c,d,e,f,g (12/31/2002)

Facility Other Form PDF or WordPerfect		
Name Revision Summary Form PDF or WordPerfect	TCEQ	This form should be used to summarize all of the changes in FINs, CINs and/or EPNs.
Abatement Device Information Form PDF or WordPerfect	TCEQ	This form contains two identical sections, each of which may be used to add an abatement device to an account. TCEQ-20037 (12/31/2002)
Emission Point Stack Form PDF or WordPerfect Emission Point Flare Form PDF or WordPerfect Emission Point Fugitive Form PDF or	TCEQ	One of these three forms should be completed for each EPN added to an account. TCEQ-20038 a, b, c (12/31/2002)

WordPerfect		
Path Emissions Form PDF or WordPerfect	TCEQ	This form should be used to create each new path (formerly "link") in an account and to report the emissions associated with that path. TCEQ-20039j (12/31/2002)
Account Emissions Form PDF or WordPerfect	TCEQ	This form, for new accounts only , allows a company to report total account emissions for the year. TCEQ-20040 (12/31/2002)
Material Throughput Combustion Units Form PDF or WordPerfect Material Throughput Storage and Loading Form PDF or WordPerfect Material Throughput Printing,	TCEQ	These forms may be used to report material usage for combustion units, storage and loading facilities, wastewater facilities, printing, painting and degreasing facilities and/or feed and production operations. TCEQ-20041 a, b, c, d (12/31/2002) TCEQ-20041 e (4/29/2003)

Painting and Degreasing Units Form PDF or WordPerfect		
Material Throughput WasteWater Form PDF or WordPerfect		
Material Throughput for Feed and Product Operations PDF or WordPerfect		
Fugitive Data Form PDF or WordPerfect	TCEQ	This form provides component count and other data for fugitive area FINS.
Flare Data Form PDF or WordPerfect	TCEQ	This form provides minimum and maximum flow data for flare FINS.

Sample Letter (Insignificant Change) PDF or WordPerfect	TCEQ	A sample of a letter that a company might submit to the Industrial Emissions Assessment Section (IEAS) if account-wide emissions of all of the following contaminants changed by less than five percent or five tons: VOC, NO _x , CO, SO ₂ , Pb and PM ₁₀ .
Sample Letter (Rule Inapplicable) PDF or WordPerfect	TCEQ	A sample of a letter that a company might submit to the IEAS if their account does not meet the applicability requirements of 30 TAC 101.10.
Sample Letter (Mail List Removal) PDF or WordPerfect	TCEQ	A sample of a letter that a company might submit to the IEAS if their account does not meet the applicability requirements of 30 TAC 101.10 and they would like to be removed from the IEAS annual mailing list.
Contaminants (PDF format)	TCEQ	This is the list of contaminant names, TCEQ contam codes, and Chemical Abstract System (CAS) codes used in the TCEQ's State of Texas Air Reporting System (STARS).
ABATE.DBF (13K)	TCEQ	This is the list of abatement device codes used in the TCEQ's State of Texas Air Reporting System (STARS).

<u>FIRE</u>	<u>EPA</u>	The Factor Information REtrieval (FIRE) Data System is a database containing EPA's recommended emission estimation factors for criteria and hazardous air pollutants.
<u>TANKS</u>	<u>EPA</u>	TANKS is a Windows-based computer program that estimates volatile organic compound (VOC) and hazardous air pollutant (HAP) emissions from fixed- and floating-roof storage tanks.
<u>WATER9</u>	<u>EPA</u>	WATER9 is a Windows based computer program and consists of analytical expressions for estimating air emissions of individual waste constituents in wastewater collection, storage, treatment, and disposal facilities; a database listing many of the organic compounds; and procedures for obtaining reports of constituent fates, including air emissions and treatment effectiveness.
<u>EPA Code Tables</u>	EPA	This link takes you to the EPA web site for various EPA source code tables.(SCC, MACT, NAICS, SIC and others)

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