

SOURCE INVENTORY

CATEGORY # 35

WOOD PRODUCTS MANUFACTURING

1999 EMISSIONS

Introduction

Emissions from this category include generation of small wood waste particles (sawdust) from woodworking operations such as sawing, planing, lathing, sanding. Industries engaged on these operations include manufacturers of plywood, particleboard, hard board, and furniture.

Methodology

This category contains emissions from both point and area sources. Wood waste generated as particulate matter is removed from the wood working operations mainly for housekeeping purposes, by either a cyclone or a baghouse. The Data Bank contains throughput information submitted by individual plant by sources. Emissions are then calculated by using specific emission factors for a particular source operation supplied by the company. The point sources account for the majority of emissions from this category. It was estimated that area sources account for 20% of the total emissions from this category.

Monthly Variation

The emissions over the 12 months were estimated based on the throughput data from each plant.

County Distribution

Emissions are distributed to the counties based on the location of the processing plant. The District's data bank contains the information on plant location.

TRENDS

Growth

Currently, the historical annual growth profile is based on a combination of historical emissions data and ABAG's Manufacturing Employment data. Projections of emissions to 2030 were based on ABAG's Manufacturing Employment data.