

REGIONAL DYNAMICS REPORTS
NAICS History and Forecast by County by Year from 1998
Currently 50 Forecast Years to 2055

NAICS refers to the North American Industrial Classification System used in the US, Canada, and Mexico. Users can specify desired levels of NAICS detail (2 to 5 digit codes). NAICS detail levels correspond to the number of industry sectors as follows:

NAICS industry detail (# digits per code)	Number of NAICS industries
0	All industries aggregated by region
2	24
3	95
4	316
5	703

Grey-scale legend (Availability):

Generated in I-O <u>and</u> CGE versions	Generated <u>only</u> in CGE version
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Report Schedule

1. **Core Detail Reports –**
Individual reports by user-selected NAICS detail across regions by year
2. **Regional Summary Reports –**
Grouped reports by aggregate NAICS level across regions by year
 - a. **Regional Economic Summary Report:**
(output, demand, imports, exports, capital, GRP, related activity data)
 - b. **Regional Labor Market Summary Report:**
(jobs, wages, productivity, demographics, related labor data)
 - c. **Regional Performance Summary Report:**
(GRP, income, LQs, retail & schools, US ratios, growth, related ranking data)

Suggested Usage

Look at a regional summary report to inspect a number of related concepts at a very broad level aggregating NAICS data across regions by year.

Look at a core detail report to dig down into detailed NAICS industries or commodities, or into detailed Standard Occupation Codes, to examine a particular concept closely across regions by year.

Core Detail Reports include the following:

Employment	By Industry
	By Occupation
	By Commodity
	By Region Demanding
	By Industry Demanding
Output	By Industry
	By Commodity
	By Region Demanding
	By Industry Demanding
Wage	Bill by Industry
	Rate by Industry
	Bill by Occupation
	Rate by Occupation
	Bill by Commodity
	Rate by Commodity
Make & Use	Full Production Function by Industry (<i>CGE incl prices data</i>)
Pers. Inc & Res Adjust: (<i>Boolean</i>)	Personal Income by Component (incl Net Res Adjust)
	Gross-in Residence Adjustment
	Gross-out Residence Adjustment
Gross Bus. Product (Value Add)	By Industry
	By Commodity
Gross Resident Product	By Final Demand Category
	By Commodity
Demand	By Industry
	By Commodity
Self Supply	By Industry
	By Commodity
Self Demand	Int Demand Self-supplied vs Total Self-supply by Industry
	Int Demand Self-supplied vs Total Self-supply by Comm
Trade Flow	Imports by Industry
	Imports by Commodity
	Imports by Region
	Exports by Industry
	Exports by Commodity
	Exports by Region
	Import Share by Industry
	Import Share by Commodity
	Import Share by Region
	Export Share by Industry
	Export Share by Commodity
	Export Share by Region
Capital Stock	By Industry (land + investment flow) (<i>CGE</i>)
	By Aggregate Households (land + investment flow) (<i>CGE</i>)
Capital/Output	Ratio by Industry (<i>CGE</i>)
Productivity (Output/ Employment Ratio)	By Industry (all output)
	By Commodity (all output)
	By Industry (exports only)
	By Commodity (exports only)

Core Detail Reports – (continued)

Modes of Transport by Commodity	Exports by Transportation Mode by Commodity
	Imports by Transportation Mode by Commodity
	Self Supply by Transportation Mode by Commodity
Commodities by Mode of Transport	Exports by Commodity by Transportation Mode
	Imports by Commodity by Transportation Mode
	Self Supply by Commodity by Transportation Mode
	All Exports by Transportation Mode
	All Imports by Transportation Mode
	All Self Supply by Transportation Mode
Capital Cost	Capital Factor of Production (Value Add LESS Wage Bill, i.e., profit + corporate taxes from I-O Table) by Industry
Intermediate Input Demand	Total Intermediate Input Demanded (from I-O Table) by Industry (ALT : industry or region production function display)
Averages per Establishment	Output per Average Establishment by Industry
	Exports per Average Establishment by Industry
	Value Add per Average Establishment by Industry
	Wage Bill per Average Establishment by Industry
	Capital Cost (Value Add LESS Wage Bill, i.e., profit + corp taxes) per Average Establishment by Industry
	Capital Stock per Average Establishment by Industry (CGE)
	Capital/Output Ratio per Avg Estab by Industry (CGE)
Profile and Comparison	Regional Number of Establishments by Industry
	Regional Purchase Coefficients by Industry
	Regional Purchase Coefficients by Commodity
	Regional GBP/GRP Job Center Index by Industry
	Regional GBP/GRP Job Center Index by Commodity
	Regional Wage Rate/Productivity Ratio by Industry
	Regional Wage Rate/Productivity Ratio by Commodity
	Regional Exports/Output Ratio by Industry
	Regional Exports/Output Ratio by Commodity
	Regional Export Jobs/Total Jobs Ratio by Industry
	Regional Export Jobs/Total Jobs Ratio by Commodity
	Regional Export Jobs/Total Jobs Ratio by Occupation
	Regional Export/Total Wage Rate Ratio by Industry
	Regional Export/Total Wage Rate Ratio by Commodity
	Regional Export/Total Wage Rate Ratio by Occupation
	Regional Export Wage/Productivity Ratio by Industry
	Regional Export Wage/Productivity Ratio by Commodity
	Regional Location Quotient (LQ) by Industry
	Regional Location Quotient (LQ) by Commodity
	Regional Real Relative Wage Rate by Industry (CGE)
	Regional Relative Production Cost by Industry (CGE)
	Regional Relative Production Cost by Commodity (CGE)
	Regional Relative Delivered Price by Industry (CGE)
	Regional Relative Delivered Price by Commodity (CGE)
	Regional Profit Rate by Industry (CGE)
	Regional Formation Probability by Industry (CGE)
	Regional Departure Probability by Industry (CGE)
	Std Min Regional Profitable Industry Size by Industry (CGE)
	Regional Ratio: Indus Output/Std Min Size by Industry (CGE)

Regional Economic Summary Report – for 9-industry recap of NAICS

Total	Gross Business Product (Value-add) by Region
	Gross Resident Product (Final Demand) by Region
	Personal Income by Region
	Capital Factor of Production Base by Region
	Intermediate Input Base by Region
	Capital Stock Base (Industry + Households) by Rgn (CGE)
	Output by Region
	Exports by Region
	Demand by Region
	Self-supply by Region
	Imports by Region
	Exports/Output Ratio by Region
	Regional Purchase Coefficient by Region
	GBP/GRP Job Center Index by Region
	Recapture Ratio – Import Leakage by Region (CGE)
	Recapture Ratio – Imported Labor by Region (CGE)
	Recapture Ratio – Imported Capital by Region (CGE)
	Relative Production Cost (wtd avg) by Region (CGE)
	Relative Delivered Price (wtd avg) by Region (CGE)
	Producer Profit Rate (wtd avg) by Region (CGE)
GBP	By Industry Value-add by Region
GRP	By 4 Major Categories of Final Demand by Region
Capital Factor Base	Capital Factor of Production (Value Add LESS Wage Bill, i.e., profit + corp taxes from I-O Tbl.) by Industry by Region
Intermediate Input Base	Total Intermediate Input Demanded (from I-O Table) by Industry (ALT : industry or region production function display)
Output	By Industry by Region
Exports	By Industry by Region
Demand	By Industry by Region
Self-supply	By Industry by Region
Imports	By Industry by Region
Export Ratio	By Industry by Region (Exports/Output Ratio)
Self-demand	Int Demand Self-supplied vs Total SS by Indus by Region
RPC	By Industry by Region
GBP/GRP Ratio	By Industry by Region
GBP/GRP Index	By Industry by Region
Capital Stock Base	By Industry by Region (land + investment flow) (CGE)
	By Aggregate Households (land + investment flow) (CGE)
Capital/Output	Ratio by Industry by Region (CGE)
Recapture Ratio	By Import Industry Leakage by Region (CGE)
	By Imported Labor Leakage by Region (CGE)
	By Imported Capital Leakage by Region (CGE)
Relative Pdn Cost	By Industry by Region (CGE)
	By Major Commodity Group by Region (CGE)
Relative Dlvd Price	By Industry by Region (CGE)
	By Major Commodity Group by Region (CGE)
Prod Prof Rate	By Industry by Region (CGE)
Relative Dlvd Price--Structures (CGE)	Residential by Region (<i>not imputed rental value</i>)
	Commercial by Region (<i>not imputed rental value</i>)
	Industrial by Region (<i>not imputed rental value</i>)

Regional Labor Market Summary Report – for 9-industry recap of NAICS

Total	Population by Region (CGE)
	Participation Rate (<i>wtd average</i>) by Region (CGE)
	Labor Force by Region (CGE)
	Migration by Region (CGE)
	Jobs by Region (<i>Jobs are estimated as-reported</i>)
	Jobs by Region (exports only)
	Export Jobs/Total Jobs Ratio by Region
	Wage Rate (<i>wtd avg</i>) by Region (all output)
	Wage Rate (<i>wtd avg</i>) by Region (exports only)
	Export Wage Rate/Total Wage Rate Ratio by Region
	Productivity (<i>Output/Jobs ratio</i>) by Region
	Productivity by Region (exports only)
	Wage Rate/Productivity Ratio by Region (all output)
	Wage Rate/Productivity Ratio by Region (exports)
	Relative Job Opportunity by Region (CGE) (<i>Jobs/Labor Force Ratio divided by same ratio for US</i>)
	Labor Profit Rate – Employed Labor by Region (CGE)
	Real Relative Wage Rate (<i>wtd avg</i>) by Region (CGE)
	Population
Participation	By Ethnicity/Age/Gender (<i>Boolean</i>) by Region (CGE)
Labor Force	By Ethnicity/Age/Gender (<i>Boolean</i>) by Region (CGE)
Migration by Eth/Age/Gend (<i>Boolean</i>)	Domestic (<i>all ages</i>) by Region (CGE)
	International (<i>all ages</i>) by Region (CGE)
	Retired (<i>NonParticip DOM+INTL 65+</i>) by Region (CGE)
MIG by SOC	By Summary Occupation Code Group by Region (CGE)
Jobs (<i>jobs are estimated as- reported</i>)	By Industry by Region (all output)
	By Industry by Region (exports only)
	By Summary Occupation Code by Region (all jobs)
	By Summary Occupation Code by Region (exports)
Export/Total Jobs	Ratio by Industry by Region
	Ratio by Summary Occupation Code Group by Region
Wage Rate	By Industry by Region (all output)
	By Industry by Region (exports only)
	By Summary Occup Code Group by Region (all output)
	By Summary Occup Code Group by Region (exports)
Export/Total Wage Rate	Ratio by Industry by Region
	Ratio by Summary Occupation Code Group by Region
Productivity Breakout	By Industry by Region (all output)
	By Industry by Region (exports only)
Wage Rate/ Productivity	Ratio by Industry by Region (all output)
	Ratio by Industry by Region (exports only)
Labor Profit Rate	Employed Labor by Region (CGE)
	Unemployed Labor by Region (CGE)
Real Relative Wage Rate	By Industry by Region (CGE) (<i>adj for regional vs national industry growth rate diffs</i>)

Regional Performance Summary Report – for 9-industry recap of NAICS

Total	Gross Business Product (Value-add) by Region
	Gross Resident Product (Final Demand) by Region
	Exports/Output Ratio by Region
	Regional Purchase Coefficient by Region
	Gross Business Product/Area (<i>\$/sq mile</i>) by Region
	GBP/GRP Job Center Index by Region
	Relative Job Opportunity by Region (<i>CGE</i>)
	Gross-in Residence Adjustment by Region
	Gross-out Residence Adjustment by Region
	Education Spending by Region
	Consumer Spending by Region
	Personal Income by Region
	Wage & Salary Distribution by Region
	Supplementary Employer Pmts to Retirement Plans by Rgn
	Proprietors Income by Region
	Net Residence Adjustment by Region
	Transfer Payments by Region
	Dividends, Interest, and Rent by Region
	Contributions to Soc Sec & Medicare by Region
	Personal Income Taxes by Region
	Disposable Personal Income by Region
	Real Disposable Personal Income by Region (<i>CGE</i>)
	Real per Capita Personal Income by Region (<i>CGE</i>)
	Real per Capita Disposable Income by Region (<i>CGE</i>)
	Real per Capita GRP by Region (<i>CGE</i>)
	PCE Index Excl Relative Housing by Region (<i>CGE</i>)
	PCE Index Incl Relative Housing by Region (<i>CGE</i>)
	First Nature Diff (<i>wtd avg</i>) by Region (<i>CGE</i>)--“A” value
	Industry Formation Probability (<i>avg</i>) by Region (<i>CGE</i>)
	Industry Departure Probability (<i>avg</i>) by Region (<i>CGE</i>)
	Producer Profit Rate (<i>wtd avg</i>) by Region (<i>CGE</i>)
	Employed Labor Profit Rate by Region (<i>CGE</i>)
	Government Profit Rate by Region (<i>CGE</i>)
Speculator Delivered Price Index by Region (<i>CGE</i>)	
Recapture Ratio for Pmts for All Imports by Region (<i>CGE</i>)	
Relative Production Cost by Region—Wtd Ind Avg (<i>CGE</i>)	
Relative Delivered Price by Region—Wtd Ind Avg (<i>CGE</i>)	
Relative Structures Price by Region—Wtd Ind Avg (<i>CGE</i>)	
LQ	Location Quotient (LQ) by Industry by Region
Personal Income Component Ratios	Ratio WSD/Personal Income by Region
	Ratio Supplementary Employer Pmts/Pers Income by Regn
	Ratio Proprietors/Personal Income by Region
	Ratio Net Residence Adj/Personal Income by Region
	Ratio Transfer Payments/Personal Income by Region
	Ratio Div-Int-Rent/Personal Income by Region
	Ratio Soc Sec & Med Contrib/Personal Income by Region
	Ratio Personal Income Taxes/Personal Income by Region
Ratio Disposable Pers Income/Personal Income by Region	
Spending Ratios	Ratio Education Spending/Personal Income by Region
	Ratio Consumer Spending/Personal Income by Region

Regional Performance Summary Report – (continued)

Education	Spending By Education Sector by Region	
Consumption	Spending By Consumer Demand Category by Region	
Gross Product Relative to US	GBP/GDP Ratio by Region	
	GRP/GNP Ratio by Region	
Percentage or Performance Relative to US	Population by Region (CGE)	
	Labor Force Particip Rate (<i>wtd avg</i>) by Region (CGE)	
	Labor Force by Region (CGE)	
	Jobs (estimated as-reported) by Region	
	Output by Region	
	Personal Income by Region	
	Wage & Salary Distribution by Region	
	Supplementary Employer Pmts to Retirement Plans by Rgn	
	Proprietors Income by Region	
	Transfer Payments by Region	
	Dividends, Interest, and Rent by Region	
	Contributions to Soc Sec & Medicare by Region	
	Personal Income Taxes by Region	
	Disposable Personal Income by Region	
	Real Disposable Personal Income by Region (CGE)	
	Real per Capita Personal Income by Region (CGE)	
	Real per Capita Disposable Income by Region (CGE)	
	Real per Capita GRP by Region (CGE)	
	Industry Formation Probability (<i>avg</i>) by Region (CGE)	
	Industry Departure Probability (<i>avg</i>) by Region (CGE)	
	Producer Profit Rate (<i>wtd avg</i>) by Region (CGE)	
	Employed Labor Profit Rate by Region (CGE)	
	Government Profit Rate by Region (CGE)	
	Compound Growth Rate	Total Jobs by Region
		Total Output by Region
		Total Exports by Region
		Gross Business Product (Value-add) by Region
Gross Resident Product (Final Demand) by Region		
Year-Over-Year Growth Rate	Total Jobs by Region	
	Total Output by Region	
	Total Exports by Region	
	Gross Business Product (Value-add) by Region	
	Gross Resident Product (Final Demand) by Region	
Last Year vs. First Year Growth Rate	Total Jobs by Region	
	Total Output by Region	
	Total Exports by Region	
	Gross Business Product (Value-add) by Region	
	Gross Resident Product (Final Demand) by Region	
1st Nature Diff	By Industry by Region (CGE) [i.e., "A" value of area]	
Rel Pdn Cost	By Industry by Region (CGE)	
Rel Dlv Price	By Industry by Region (CGE)	
Prod Profit Rate	By Industry by Region (CGE)	
Formation and Departure	Formation Probability by Industry by Region (CGE)	
	Departure Probability by Industry by Region (CGE)	
Std Min Size	Std Min Profitable Industry Size by Industry by Regn (CGE)	