

Worldwide Refining Report: Worldwide Refining Capacity at 75 Million b/d Level  
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*OGJ SPECIAL*  
**WORLDWIDE REFINING REPORT**

## Worldwide refining capacity at 75 million b/d level

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 Refining/Petrochemical Editor

The worldwide refining industry strengthened capacity in most major downstream processing categories during 1991. But distillation capacity will remain essentially flat at some 74.8 million b/d as of Jan. 1, 1992, according to the Journal's most recent refining survey.

The Asia/Pacific region, as in so many other areas of industrial and economic activity, did show noteworthy growth of over 4%. For the first time, this issue also contains the refinery-by-refinery survey of the huge U.S. refining industry, which historically has appeared 2 months later in March.

Publication in the same issue now makes worldwide comparisons and trends more evident.

The table below shows regional and world crude capacity and, in broad strokes, how the various regions compare with one another. The downstream processing figures in this table are, however, incomplete because a number of countries, such as the Soviet Union, China, and other members of the former communist bloc, still report only total refineries and crude distillation capacity.

A welcome exception in this year's survey is a more comprehensive listing of 10 Romanian refineries with their not inconsequential capacity of over 660,000 b/d.

Region	No. of ref.	Crude b/d*	Downstream distillation, b/d	Crude distillation, b/d	Crude refining, b/d	Crude hydrocracking, b/d	Crude hydroprocessing, b/d	Crude coking, b/d
Asia/Pacific	100	25,000,000	3,100,000	1,000,000	1,200,000	500,000	1,000,000	3,000,000
Western Europe	170	14,000,000	2,200,000	2,000,000	2,000,000	500,000	1,000,000	2,000,000
Western Europe & U.S.A.	210	14,000,000	2,200,000	2,000,000	2,000,000	500,000	1,000,000	2,000,000
Latin America	40	4,000,000	1,000,000	500,000	500,000	200,000	500,000	1,000,000
Middle East	40	3,000,000	500,000	1,000,000	1,000,000	200,000	500,000	1,000,000
North America	200	10,000,000	2,000,000	2,000,000	2,000,000	500,000	1,000,000	2,000,000
South America/Caribbean	70	2,000,000	500,000	500,000	500,000	200,000	500,000	1,000,000
<b>Total all regions</b>	<b>580</b>	<b>58,000,000</b>	<b>9,300,000</b>	<b>7,000,000</b>	<b>7,000,000</b>	<b>1,900,000</b>	<b>4,000,000</b>	<b>9,000,000</b>

\*U.S. data in bold.

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FEDERAL ENERGY REGULATORY COMMISSION  
 Docket No. IS08-390-002  
 Hearing Ex. No. SFP-151  
 Re-Identified 6/2/09

UNITED STATES	Company and utility location	Credit	Change in capacity, MW		MW		MW		MW	MW	MW	MW	MW	
			Normal	Emergency	Change in capacity, MW	Change in capacity, MW	Change in capacity, MW	Change in capacity, MW						
Alabama	Central Mobile Publishing Co.—Mobile	14,000	—	—	—	—	—	—	—	—	—	—	—	
	Mobile Bay	30,000	—	—	—	—	—	—	—	—	—	—	—	
	Greenville Electric Co.—Greenville	30,000	13,000	—	—	—	—	—	—	—	—	—	—	
	Hart Publishing Co.—Tomball	—	—	—	—	—	—	—	—	—	—	—	—	
	Leadbetter Land & Equipment Co.—Birmingham	30,000	—	—	—	—	—	—	—	—	—	—	—	
	Total	104,000	13,000	—	—	—	—	—	—	—	—	—	—	
	Arkansas	ARCO Mobile Inc.—Birmingham	12,000	—	—	—	—	—	—	—	—	—	—	—
		Producers Energy Co.—Birmingham	17,000	—	—	—	—	—	—	—	—	—	—	—
		Arkansas Electric & Gas Co.—Fayetteville	18,000	8,000	—	—	—	—	—	—	—	—	—	—
		Public Service Co.—Little Rock	8,000	—	—	—	—	—	—	—	—	—	—	—
Trans Electric Corp.—North Little Rock		70,000	—	—	—	—	—	—	—	—	—	—	—	
Total		115,000	8,000	—	—	—	—	—	—	—	—	—	—	
California		San Joaquin Publishing Co.—Stockton	3,700	—	—	—	—	—	—	—	—	—	—	—
		Great Central Publishing Co.—Stockton	4,700	—	—	—	—	—	—	—	—	—	—	—
		Los Angeles Times—Los Angeles	40,000	—	—	—	—	—	—	—	—	—	—	—
		Los Angeles Times—Long Beach	40,000	—	—	—	—	—	—	—	—	—	—	—
	Los Angeles Times—San Bernardino	40,000	—	—	—	—	—	—	—	—	—	—	—	
	Total	168,400	—	—	—	—	—	—	—	—	—	—	—	
	Colorado	Frontier Publishing Co.—Denver	14,000	—	—	—	—	—	—	—	—	—	—	—
		Frontier Publishing Co.—Denver	110,000	—	—	—	—	—	—	—	—	—	—	—
		Frontier Publishing Co.—Denver	14,000	—	—	—	—	—	—	—	—	—	—	—
		Frontier Publishing Co.—Denver	14,000	—	—	—	—	—	—	—	—	—	—	—
Frontier Publishing Co.—Denver		14,000	—	—	—	—	—	—	—	—	—	—	—	
Frontier Publishing Co.—Denver		14,000	—	—	—	—	—	—	—	—	—	—	—	
Frontier Publishing Co.—Denver		14,000	—	—	—	—	—	—	—	—	—	—	—	
Frontier Publishing Co.—Denver		14,000	—	—	—	—	—	—	—	—	—	—	—	
Frontier Publishing Co.—Denver		14,000	—	—	—	—	—	—	—	—	—	—	—	
Frontier Publishing Co.—Denver		14,000	—	—	—	—	—	—	—	—	—	—	—	

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INVESTING ACTIVITIES Disposals and Acquisitions	Cash				Debt				Equity				Other				Total
	Balance	Change	Balance	Change	Balance	Change	Balance	Change	Balance	Change	Balance	Change	Balance	Change	Balance	Change	
Chesapeake Energy	250,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	240,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	230,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	220,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	210,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	200,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	190,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	180,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	170,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	160,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	150,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	140,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	130,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	120,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	110,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	100,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	90,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	80,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	70,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	60,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	50,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	40,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	30,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	20,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Chesapeake Energy	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	

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