

Industry Statistics

Steel Drums; Plastic Drums; Intermediate Bulk Containers

Reconditioned and Newly Manufactured Packagings

Introduction

The Reusable Industrial Packaging Association (RIPA) conducts periodic surveys of its membership to collect quantitative information about industry activities and industrial practices. Over the years, the surveys have evolved to include greater detail about association member activities. Early efforts focused almost exclusively on reconditioning throughput, i.e. the total number of industrial packagings sold or scrapped on an annual basis. More recent surveys have included additional information on transportation, purchaser profiles and process issues.

Reusable Industrial Packaging Association

RIPA represents industrial packaging reconditioners, distributors and manufacturers in North American. In 2011, RIPA has 70 reconditioner/distributor members in the U.S. that operate a combined 93 plants; 8 Canadian members that operate 16 plants; 8 international members; and, 25 supplier members. RIPA believes that its members generate approximately 90% of gross industry sales of reconditioned industrial packagings, or about \$775 – \$800 million per year. This figure does not include industry revenues derived from the sale of fiber drums, scrap plastic and steel, off-sized units (e.g. 30-gallon drums), or brokered new packagings.

Definitions

The industry data presented below focuses exclusively on the following products:

- 55-gallon steel drums
 - open (removable) head
 - tight (non-removable) head
- 55-gallon plastic drums
 - open (removable) head
 - tight (non-removable) head
- Composite intermediate bulk containers
 - 275-gallon capacity
 - 330-gallon capacity

**Reconditioned 55-gallon Steel Drum
Production in United States
1996 – 2011**

Unit: 1000 Drums

Year	Production
1996	34,300
1997	32,700
1998	33,400
1999	32,800
2000	31,900
2001	31,250
2002	31,600
2003	30,900
2004	31,400
2005	32,300
2006	31,800
2007	30,200
2008	30,100
2009	29,900
2010	26,990
2011	24,087

**New 55-gallon Steel Drum Production in
United States
1996 – 2011**

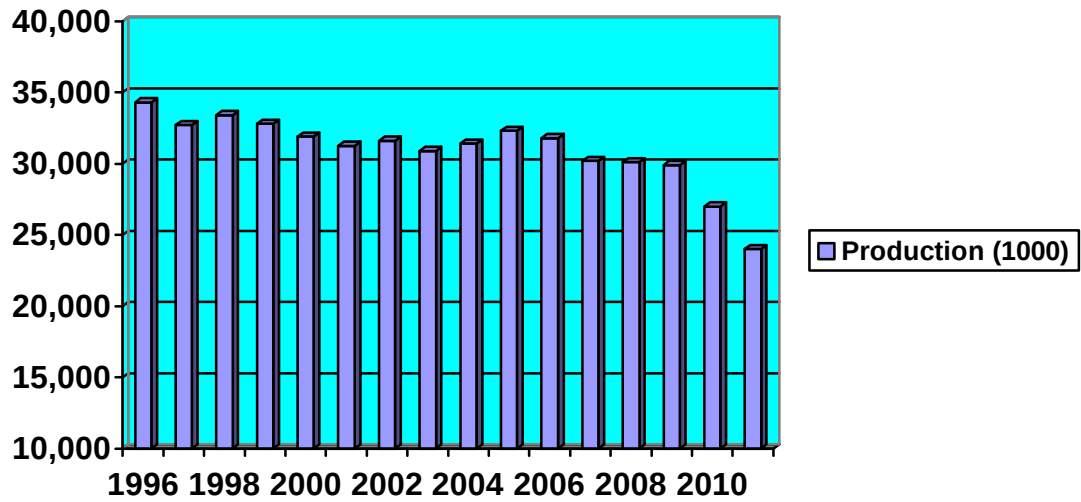
Unit: 1000 Drums

Year	Production
1996	27,900
1997	27,100
1998	27,600
1999	27,300
2000	25,500
2001	26,500
2002	27,400
2003*	25,700
2004*	26,900
2005*	24,800
2006*	25,200
2007*	24,300
2008*	21,100
2009*	21,200
2010*	26,150
2011*	25,010

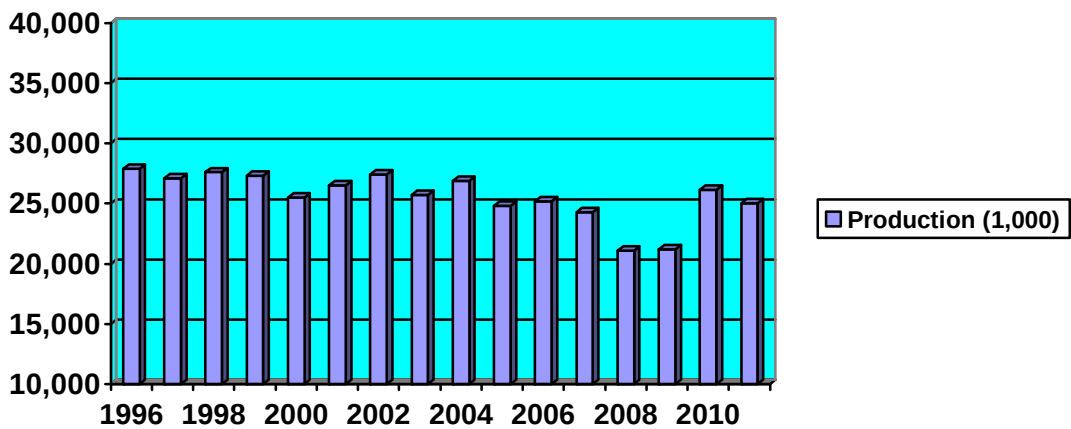
*** / Compiled by SSCI**

Below are graphic representations of the data shown above.

**Reconditioned 55-gallon Steel Drum Production: United States
1996 - 2011**



**New 55-gallon Steel Drum Production: United States
1996 - 2011**



**Reconditioned 55-gallon Plastic Drum
Production in United States
2001 – 2011**

Unit: 1000 Drums

Year	Production
2001	4,500
2002	4,900
2003	5,500
2004	5,700
2005	6,000
2006	6,150
2007	6,200
2008	5,950
2009	6,860
2010	5,590
2011	4,316

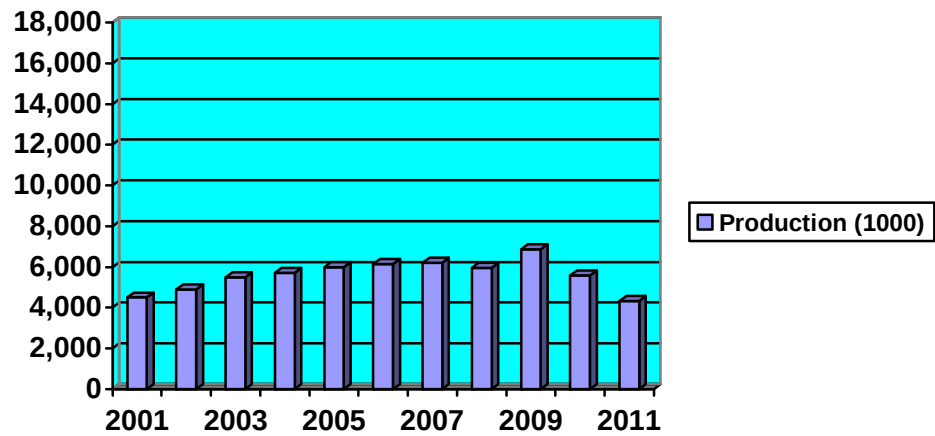
**New 55-gallon Plastic Drum Production
in United States
1992 – 2011**

Data prepared by Plastic Drum Institute

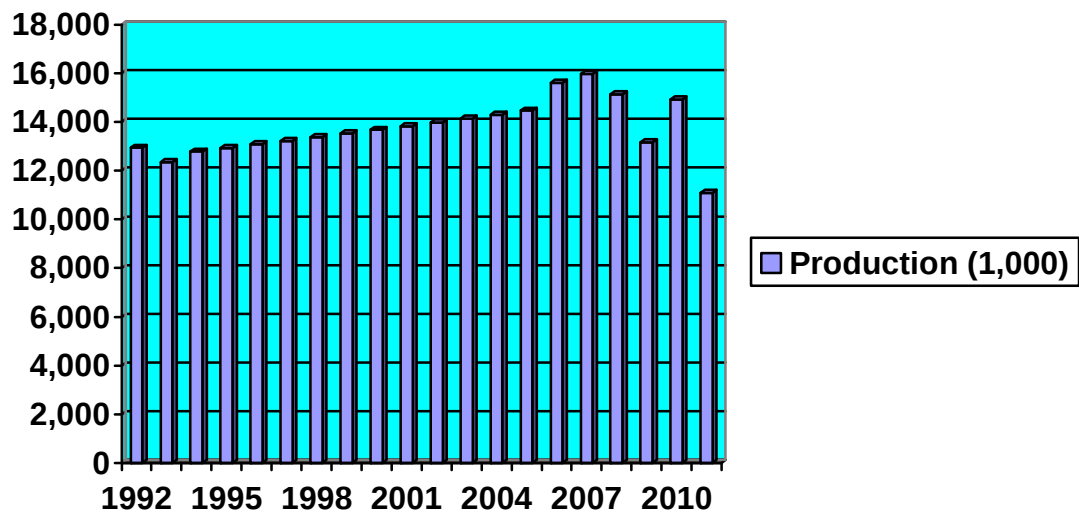
Unit: 1000 Drums

Year	Production
1992	12,941
1993	12,350
1994	12,785
1995	12,929
1996	13,075
1997	13,223
1998	13,372
1999	13,523
2000	13,676
2001	13,830
2002	13,986
2003	14,144
2004	14,304
2005	14,465
2006	15,609
2007	15,985
2008	15,131
2009	13,170
2010	14,823
2011	11,099

**Reconditioned 55-gallon Plastic Drum Production in United States
2001 – 2011**



**New 55-gallon Plastic Drum Production in United States
1992 – 2011**



**Reconditioned Composite IBC
Production in United States*
2002 – 2011**

Unit: 1000 IBCs

Year	Production
2002	640
2003	750
2004	830
2005	940
2006	1,100
2007	1,250
2008	1,450
2009	1,700
2010	1,930
2011	2,168

*** / Includes 275-gallon and 330-gallon units.**

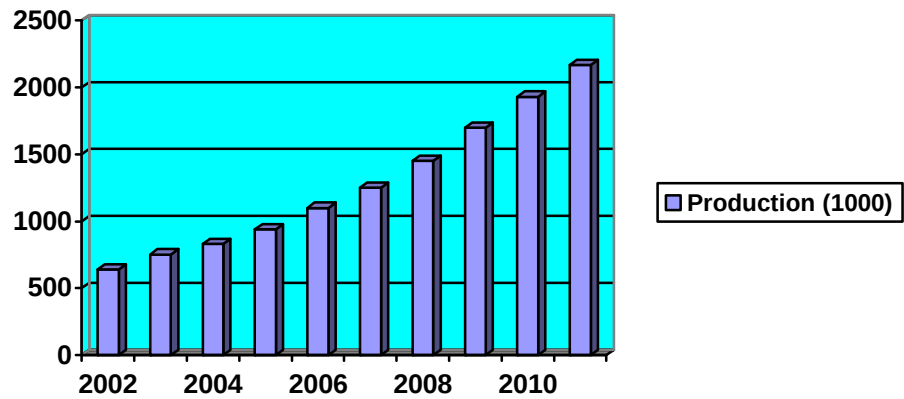
**New Composite IBC Production in
United States*
2002 – 2011**

Unit: 1000 IBCs

Year	Production
2002	730
2003	1,000
2004	1,350
2005	1,600
2006	1,850
2007	1,950
2008	2,000
2009	2,100
2010	2,250
2011	2,574

*** / Includes 275-gallon and 330-gallon units.**

**Reconditioned Composite IBC Production in U.S.
2002 – 2011**



**New Composite IBC Production in U.S.
2002 – 2010**

