

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 – 2015**

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
2013	25,145
2015	23,754

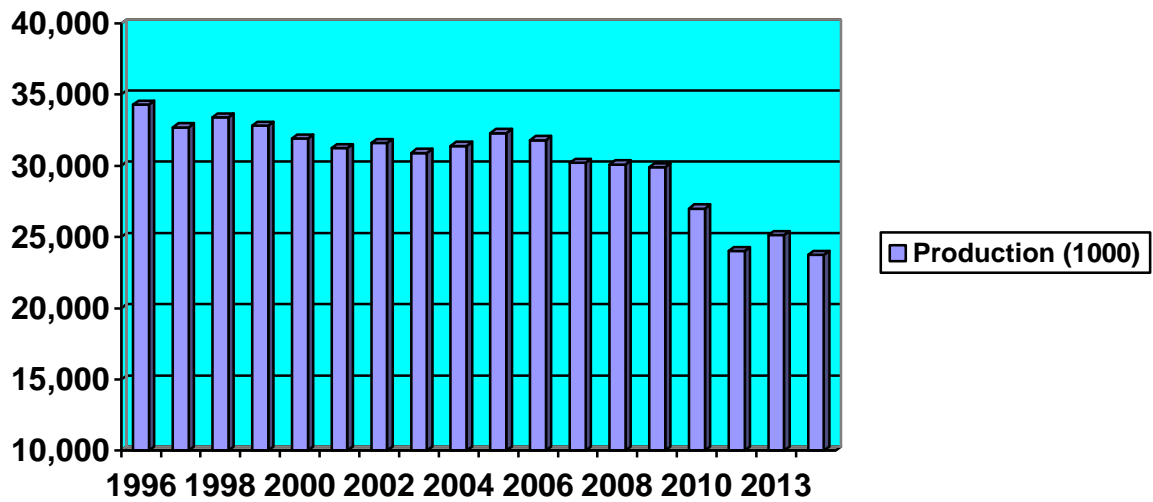
**New 55-gallon Steel Drum Production in
United States 1996 – 2015
Compiled by SSCI (now ISDI)**

Unit: 1000 Drums

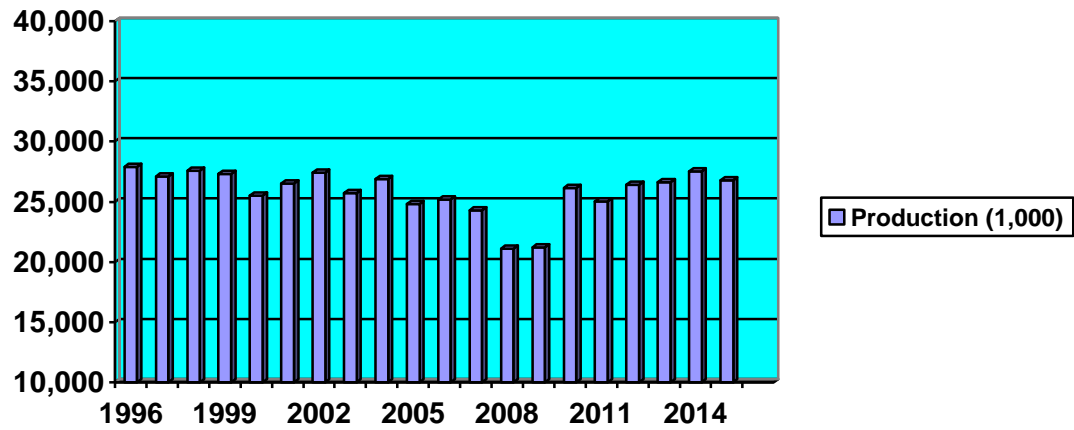
Year	Production
1996	27,900
1997	27,100
1998	27,600
1999	27,300
2000	25,500
2001	26,500
2002	27,400
2003	25,700
2004	26,900
2005	24,800
2006	25,200
2007	24,300
2008	21,100
2009	21,200
2010	26,150
2011	25,010
2012	26,428
2013	26,623
2014	27,515
2015	26,788

Below are graphic representations of the data shown above.

**Reconditioned 55-gallon Steel Drum Production: United States
1996 - 2015**



**New 55-gallon Steel Drum Production: United States
1996 - 2015**



**Reconditioned 55-gallon Plastic Drum
Production in United States
2001 – 2015**

Unit: 1000 Drums

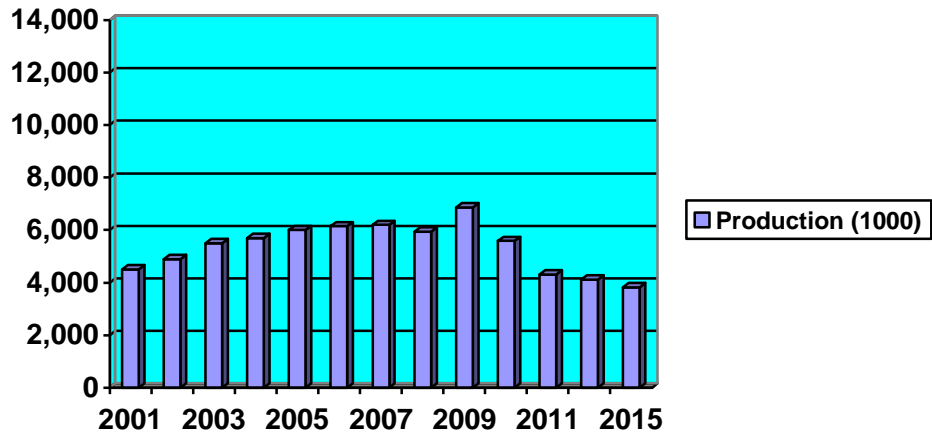
Year	Production
2001	4,500
2002	4,900
2003	5,500
2004	5,700
2005	6,000
2006	6,150
2007	6,200
2008	5,950
2009	6,860
2010	5,590
2011	4,316
2013	4,123
2015	3,829

**New 55-gallon Plastic Drum Production
in United States 2005 – 2015
Data prepared by Plastic Drum Institute**

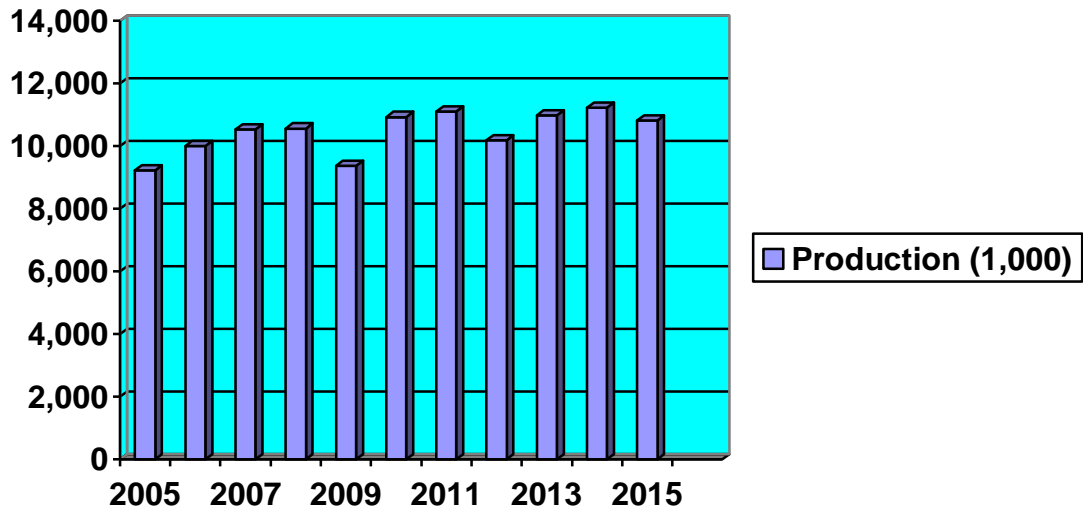
Unit: 1000 Drums

Year	Production
2005	9,231
2006	9,995
2007	10,535
2008	10,561
2009	9,365
2010	10,930
2011	11,099
2012	10,181
2013	10,978
2014	11,226
2015	10,810

**Reconditioned 55-gallon Plastic Drum Production in United States
2001 – 2015**



**New 55-gallon Plastic Drum Production in United States
2005 – 2015**



**Reconditioned Composite IBC
Production in United States*
2002 – 2015**

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
2013	2,591
2015	3,172

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

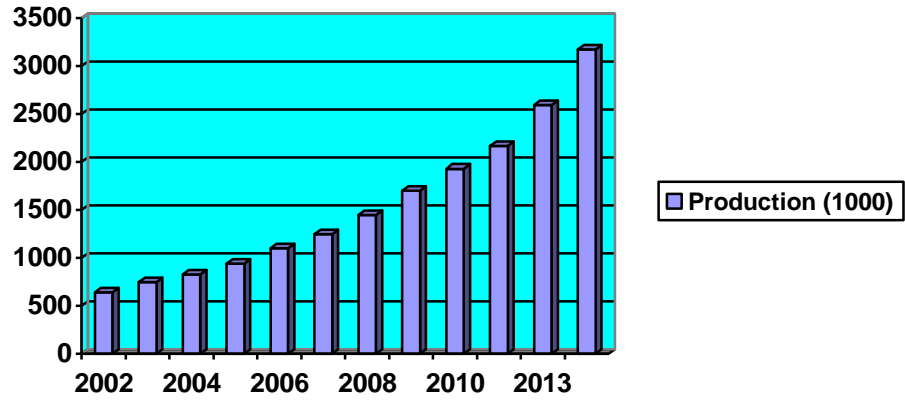
**New Composite IBC Production in
United States*
2002 – 2015**

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
2012	2,761
2013	2,819
2014	3,070
2015	2,928

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

**Reconditioned Composite IBC Production in U.S.
2002 – 2015**



**New Composite IBC Production in U.S.
2002 – 2015**

