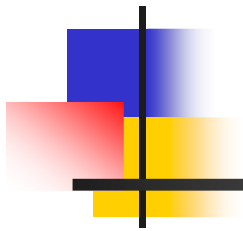


“RBMEC”



**Roller Bearing Manufacturers
Engineering Committee**



Purpose & Members

- **To support the AAR WABL Committee in the development and administration of technical standards**
- **To provide recommendations to the AAR WABL Committee for bearing performance improvement opportunities**
- **Members:**
 - **Brenco, SKF, FAG, NTN, and The Timken Company**

Recent RBMEC Activities



- **Revisions and updates to various Specifications, including**
 - **M-942 (Roller Bearing Greases)**
 - **M-934 (Freight Car Journal Roller Bearings)**
 - **M-959 (Lubrication Seals for Freight Car Journal Roller Bearings)**
 - **M-924 (Journal Roller Bearing Adapters for Freight Cars)**
- **Development of an improved MD-11 reporting system based upon “Failure Progression Mode” (root cause) analysis**

Recent RBMEC Activities

(cont'd)

- **Provide appropriate AAR manual update information**
 - **Maintenance information (“Service Limits”)**
- **Suggested bearing performance improvement opportunities**
 - **Mandatory “fitted” applications on axles with toleranced dust guard diameters**
 - **Require “fitted” applications on all 286GRL equipment**
 - **Continue to work on removal criteria and condemning limits for wheels (wheel impact effect on bearing performance)**
 - **Mandatory replacement of frame keys**



Recent RBMEC Activities

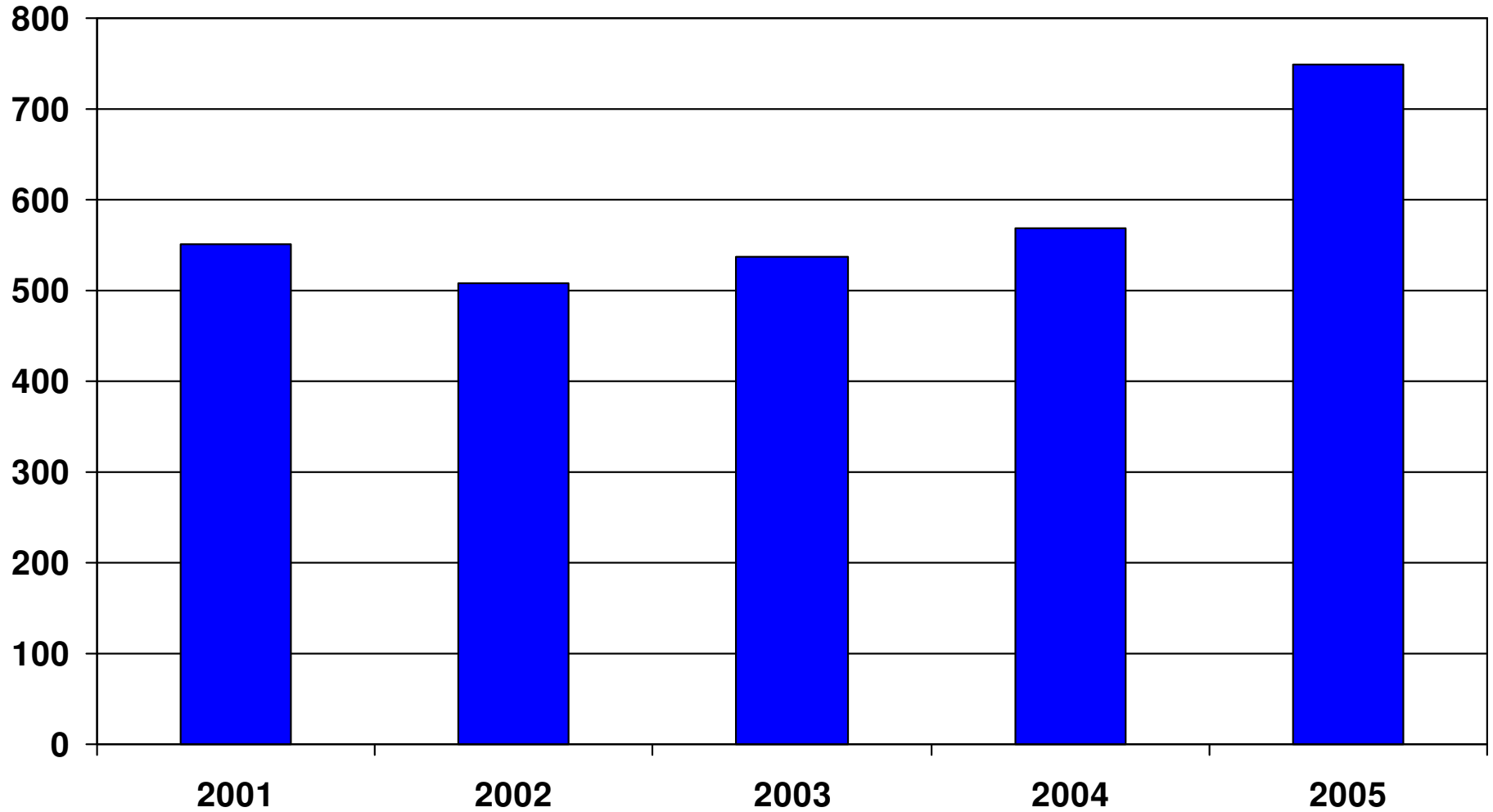
(cont'd)

- **Development of an “AAR List of Approved Grease and Seal Combinations”**
- **Updates to Manual Section G-II for the Class L and Class M Bearings**

Rule 36 CRB Data

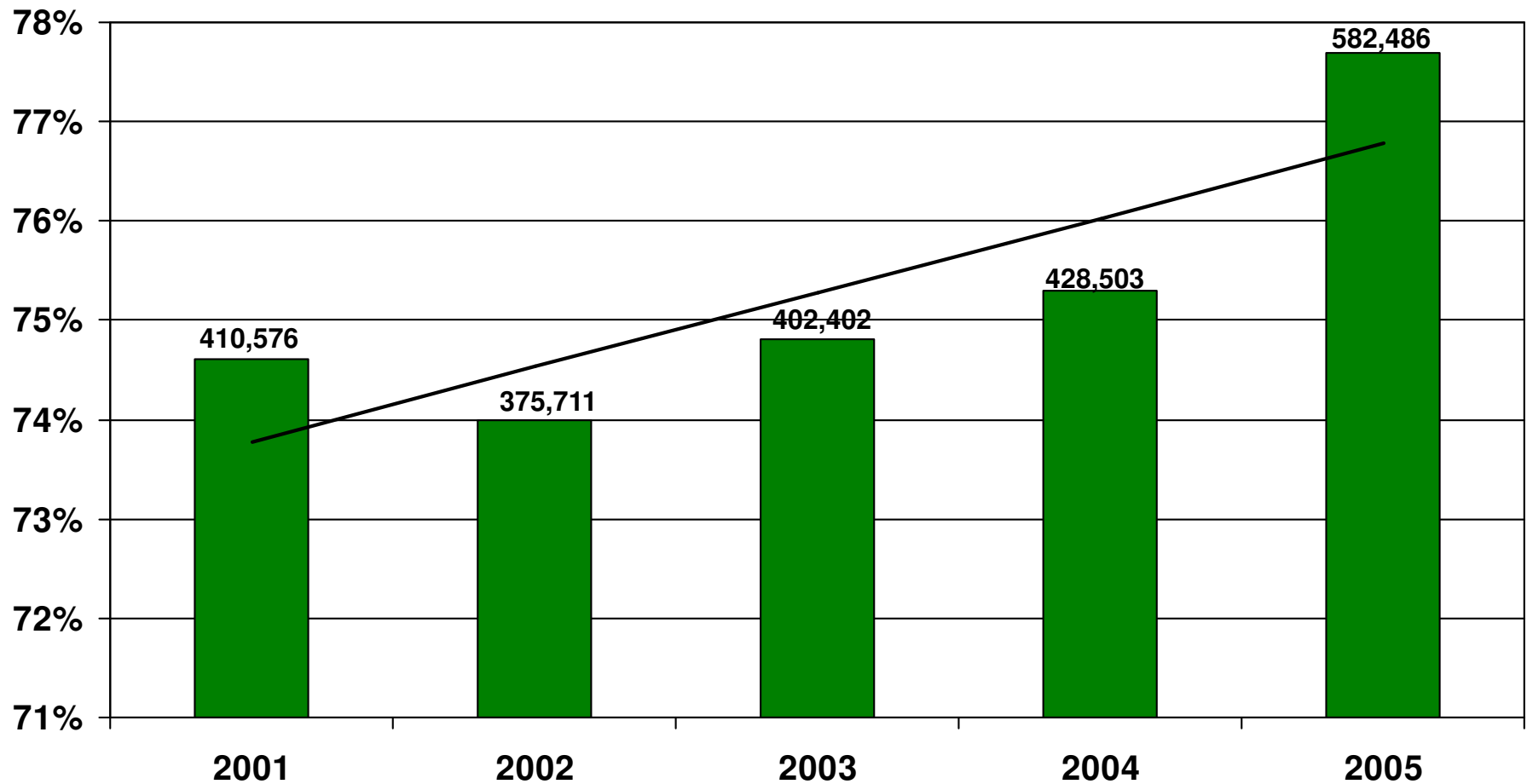
Total Bearing Removals

Thousands



Rule 36 CRB Data

WMC 11 – Removed Good Condition



Rule 36 CRB Data

