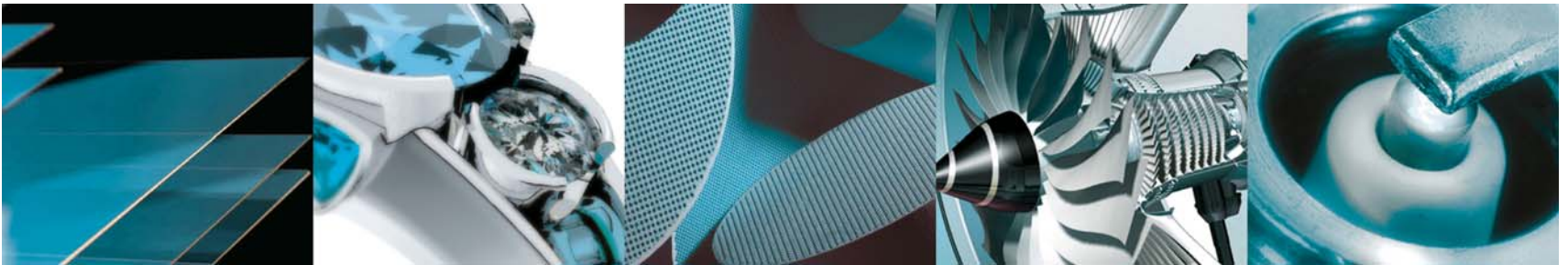




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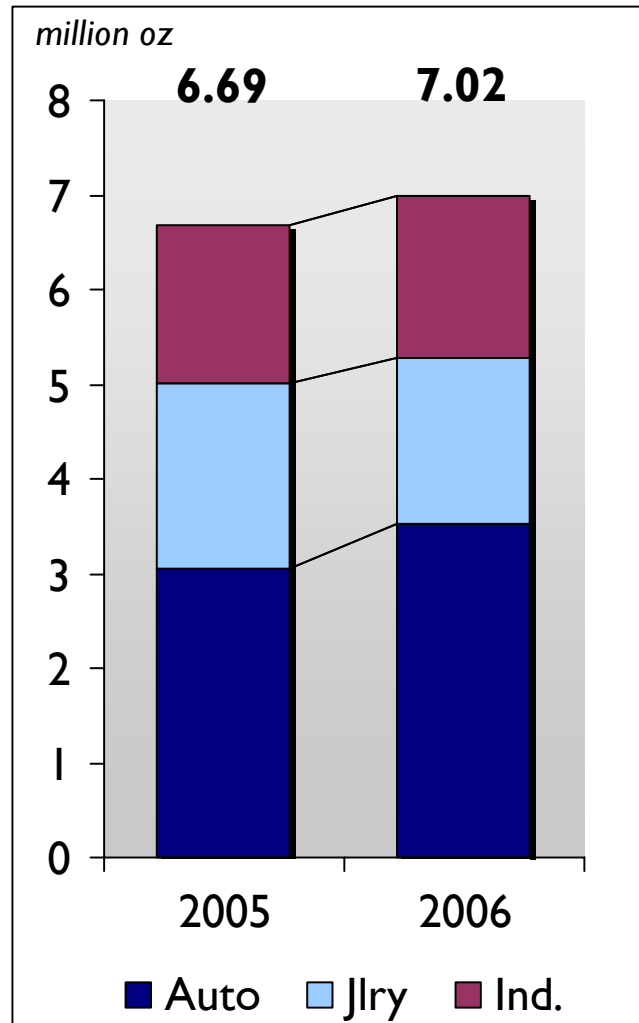
# Platinum 2006

## Interim Review



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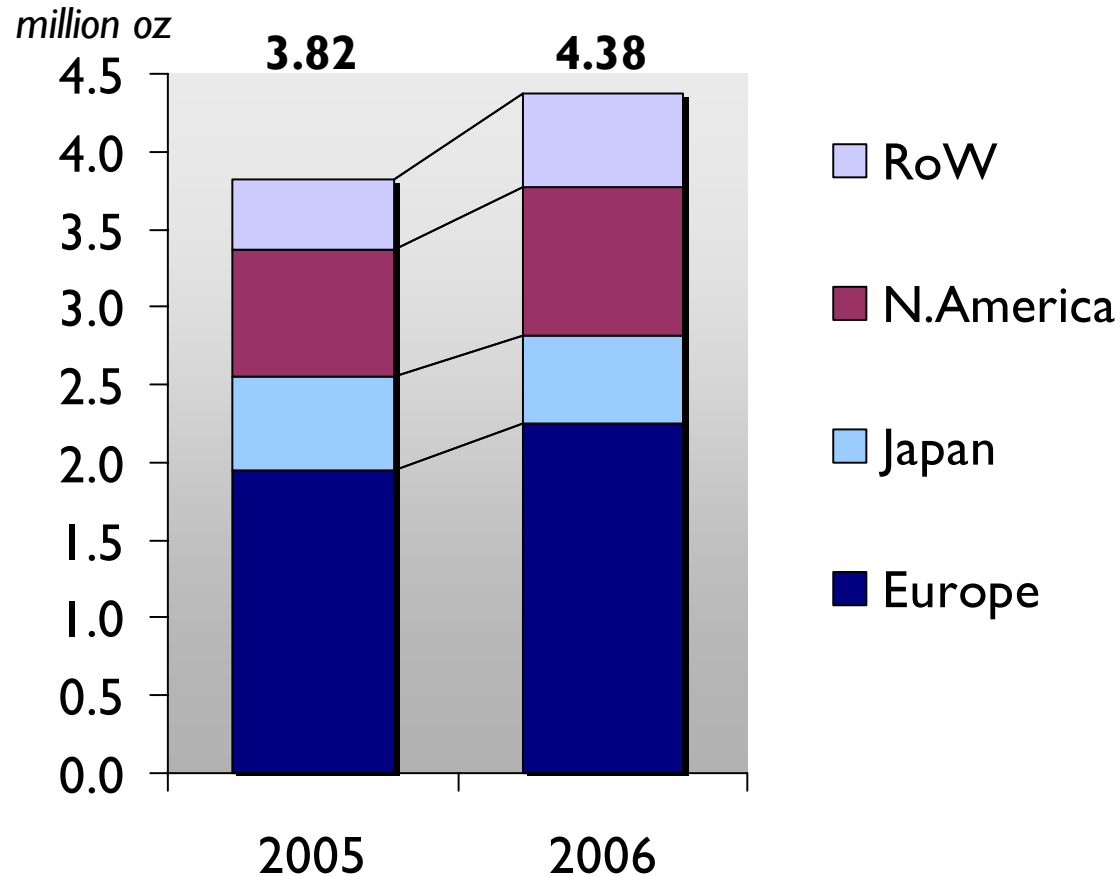
# Platinum Demand Rises Above 7 million oz



- Total demand to rise 5% to 7.02 million oz
- Autocatalyst demand climbs, driven by diesel growth
- Strong industrial demand supported by electrical, petroleum and chemical sectors
- A fourth successive drop in global jewellery markets

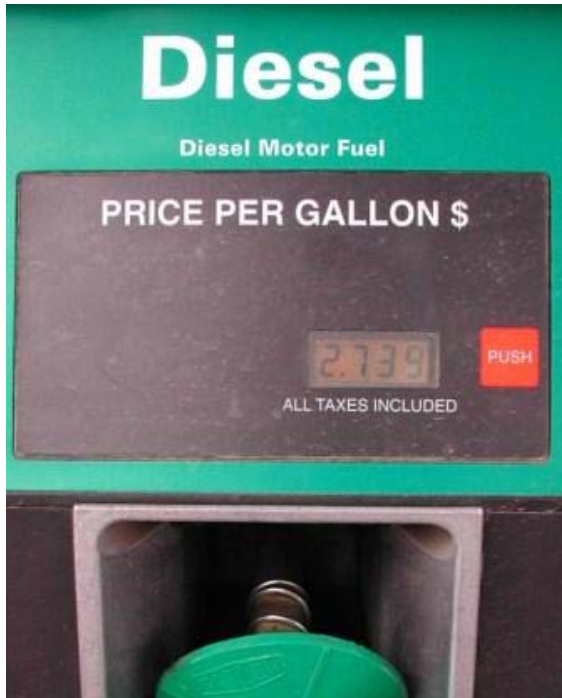
# Platinum Demand: Autocatalyst

Up 15% to 4.38 million oz



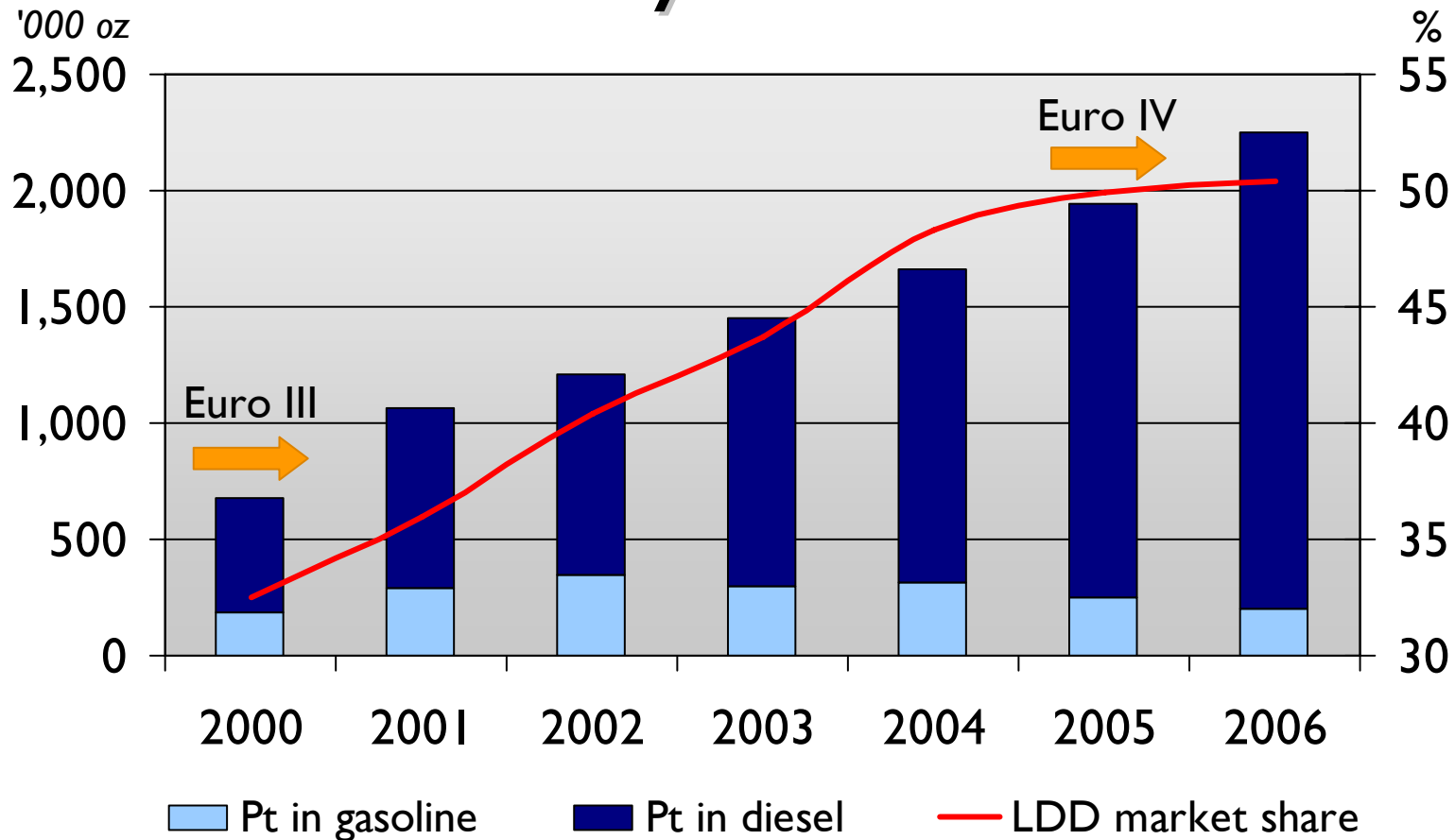
# Platinum Demand: Autocatalyst

## Europe up 15 % to 2.25 million oz



- Euro IV regulations introduced
- Diesel market share still rising
- More diesel particulate filters

# European Demand for Platinum in Autocatalysts 1999-2006

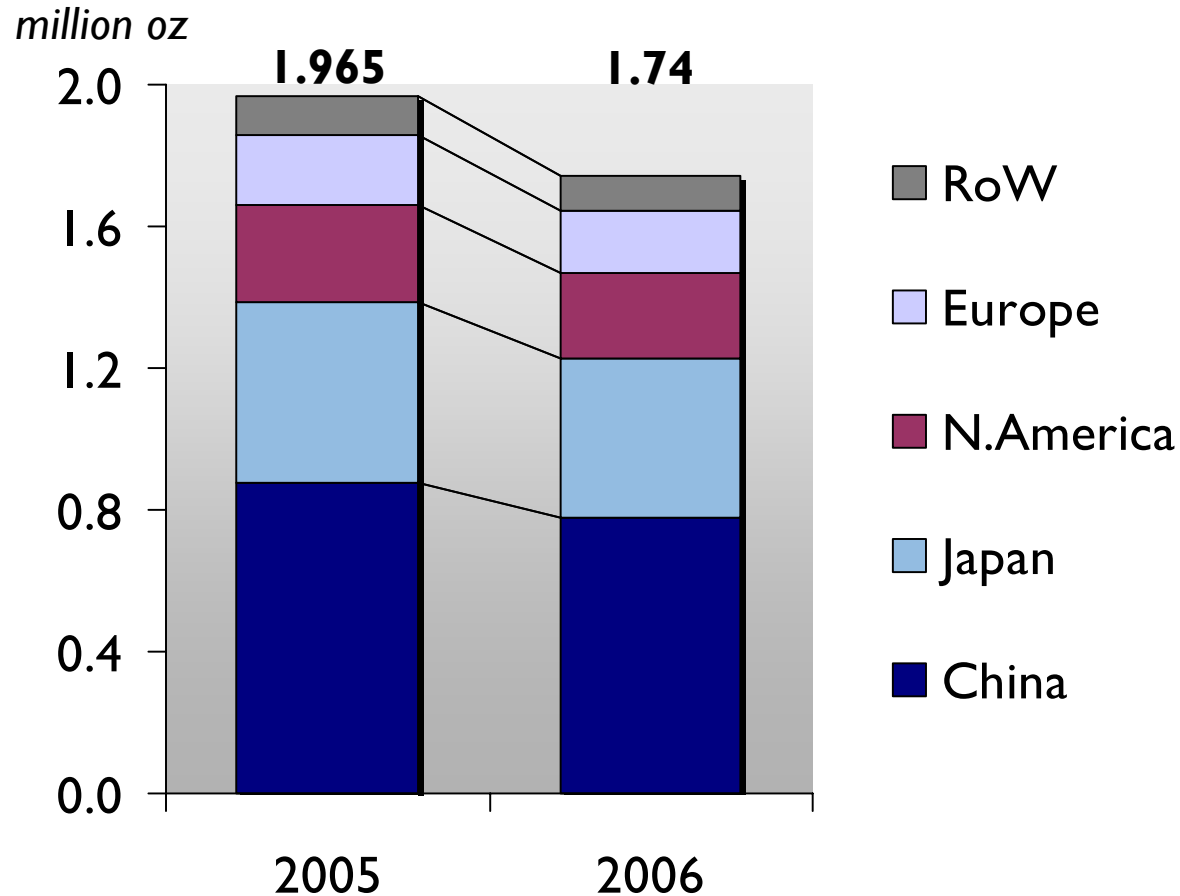


# Platinum Demand: Autocatalyst

- North America: up 16% to 950,000 oz
- Japan: down 6% to 565,000 oz
- China + RoW: up 37% to 615,000 oz

# Platinum Demand: Jewellery

Down 11.5% to 1.74 million oz



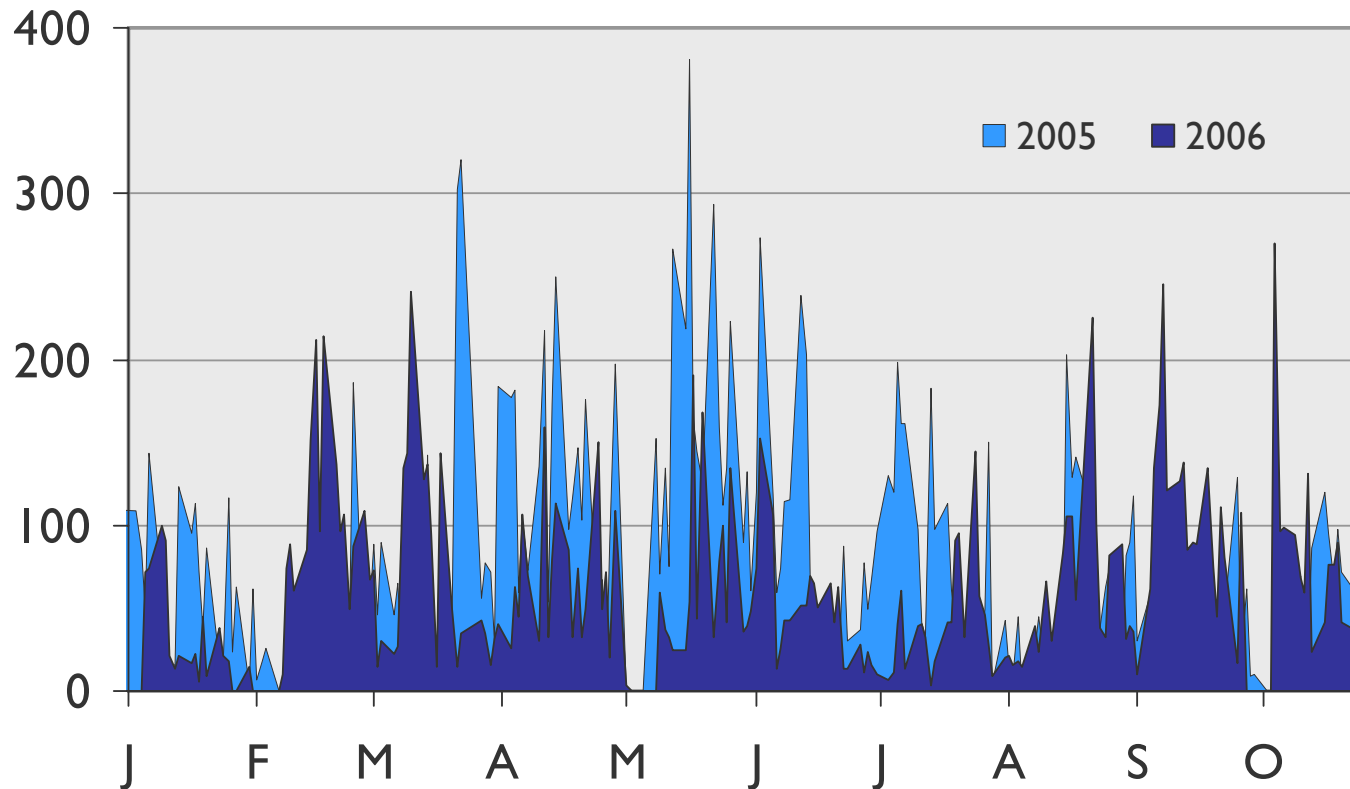
# Jewellery Demand: China

Down 11% to 780,000 oz

- High prices lessen attractiveness to manufacturers
  - Low stock positions continue throughout the value chain
  - Continued recycling of old jewellery and stock
  - Palladium offers a lower retail cost alternative with cheaper financing
- But price dips stimulate upturn on buying
- Consumer interest remains strong

# Purchases on the Shanghai Gold Exchange (2005-2006)

*daily kg sold*



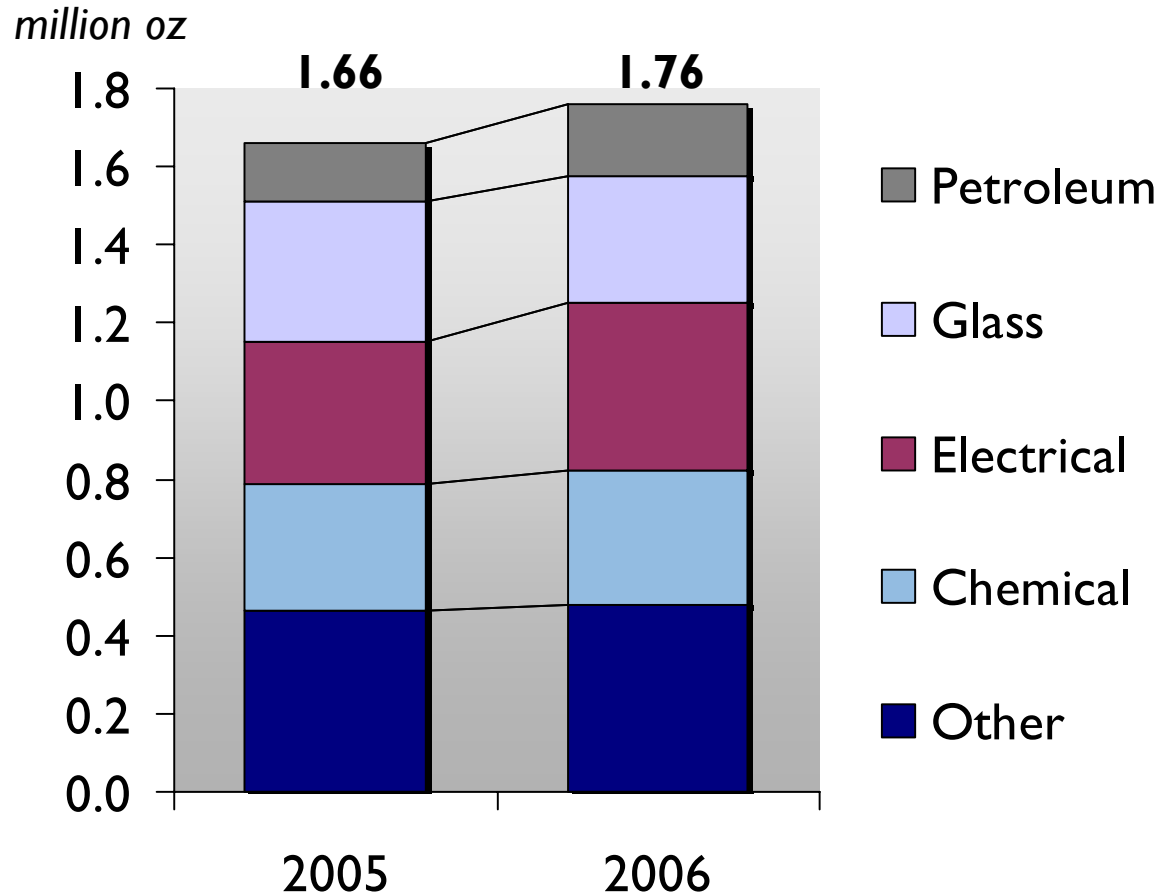
# Jewellery Demand: Other Regions

## Rising and volatile Pt price affects demand

- Japan: down 12% to 450,000 oz
- North America: down 13% to 240,000 oz
- Europe: down 10% to 175,000 oz

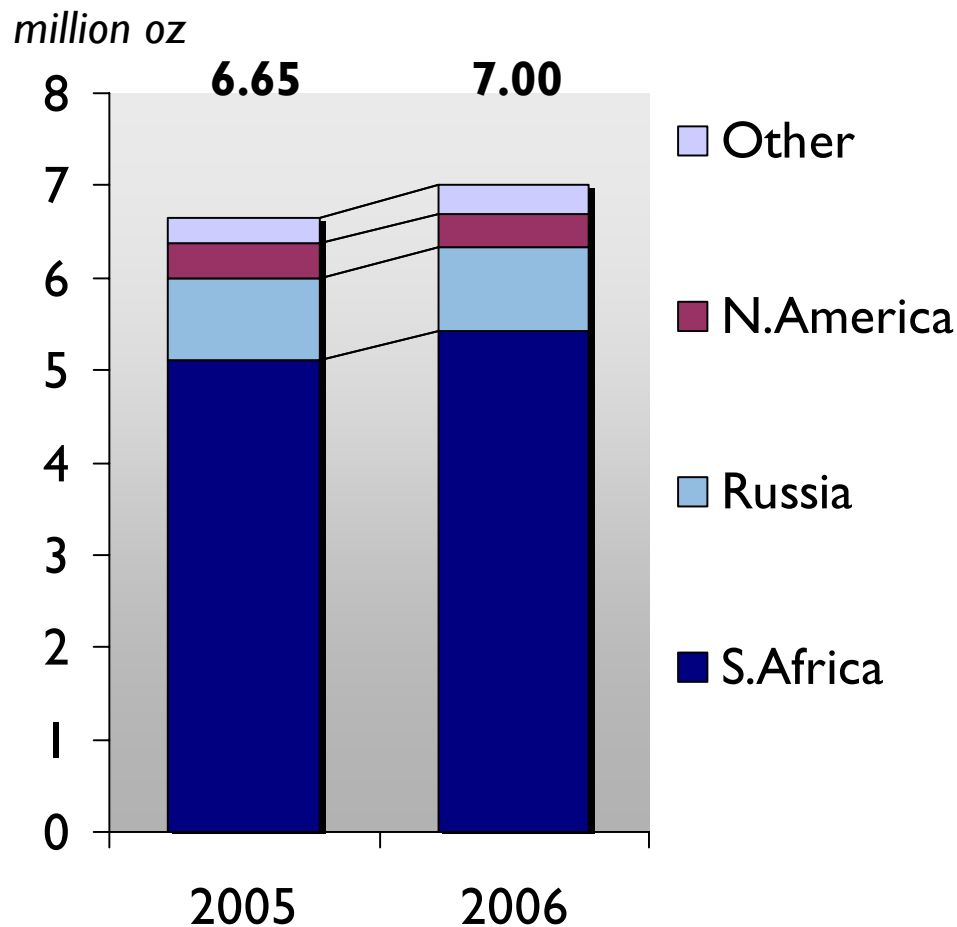
# Platinum Demand: Industrial

Up 6% to 1.76 million oz



# Platinum Supply

## Up 5% to 7.0 million oz



# Platinum Supply: South Africa

Up 6% to 5.43 million oz

- Improved rate of expansion in South Africa
- 6% growth from Anglo Platinum
- New mines opened on Eastern Bushveld

# Platinum Supply: Other Regions

Net change +35,000 oz

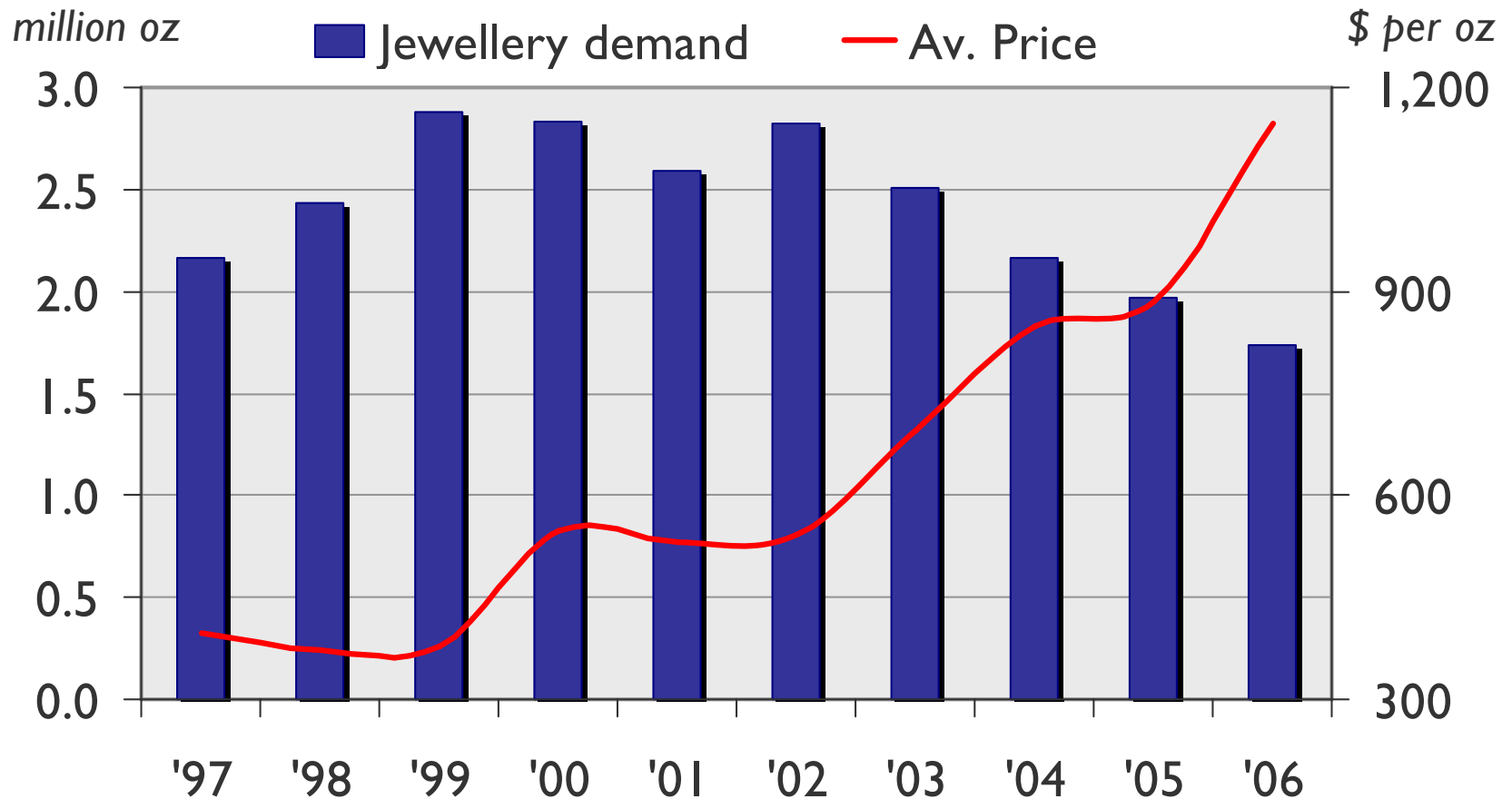
- Russia: up 0.5% to 895,000 oz
- North America: no change at 365,000 oz
- Zimbabwe: up 10% to 170,000 oz

# Platinum Supply and Demand

'000 oz	2005	2006	%
<b>Demand</b>	<b>6,690</b>	<b>7,020</b>	<b>+4.9</b>
<b>Supply</b>	<b>6,650</b>	<b>7,000</b>	<b>+5.3</b>
<b>Movements in stocks</b>	<b>(40)</b>	<b>(20)</b>	

# Platinum: Demand Outlook

Jewellery: price dependent



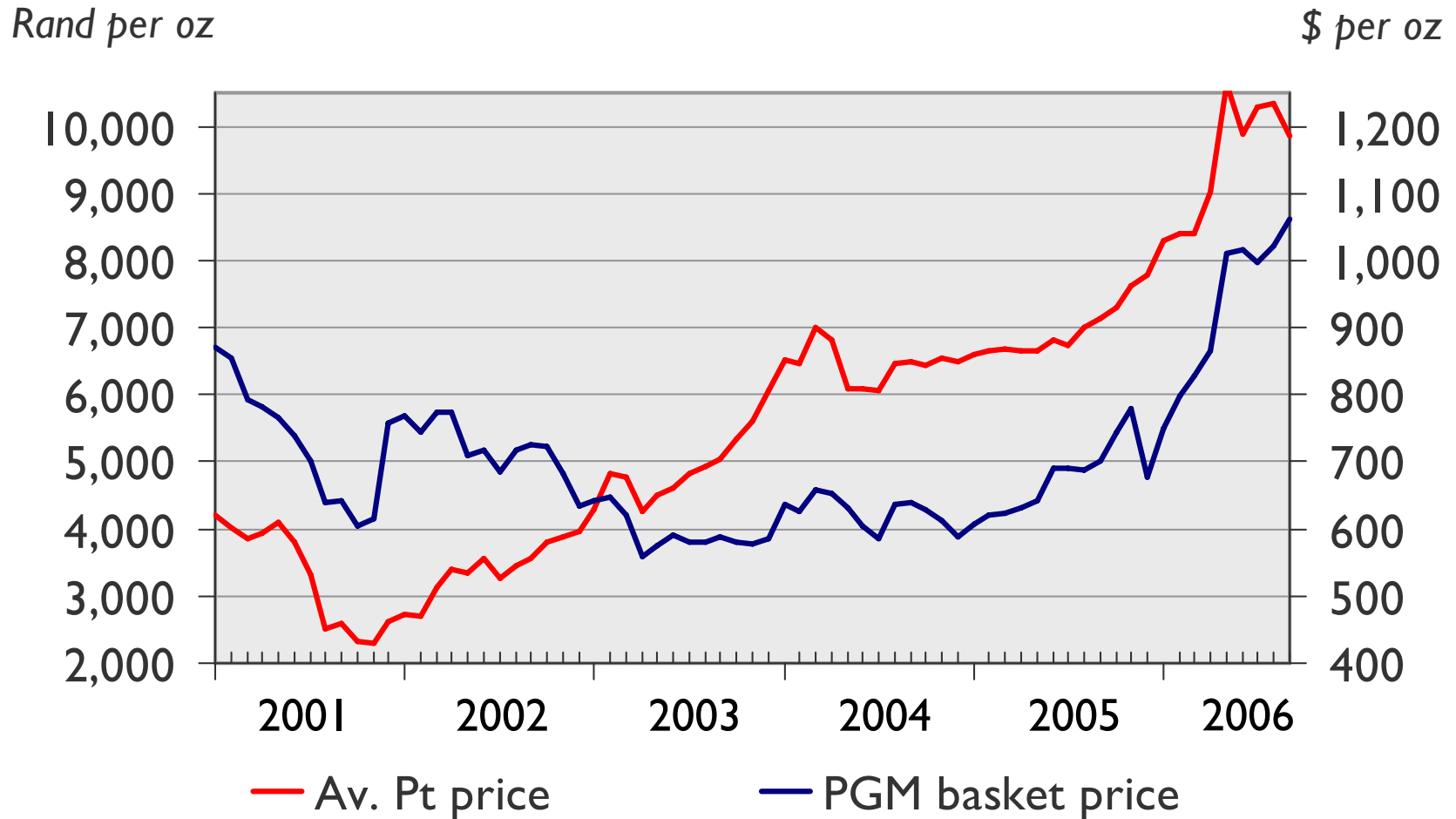
# Platinum: Demand Outlook

## Autocatalyst: diesel driven

- Rising sales of light duty diesel in Europe
- Growing use of catalysts on diesel trucks in North America
- Rest of World production of all vehicles continues to rise
- Substitution by palladium occurring

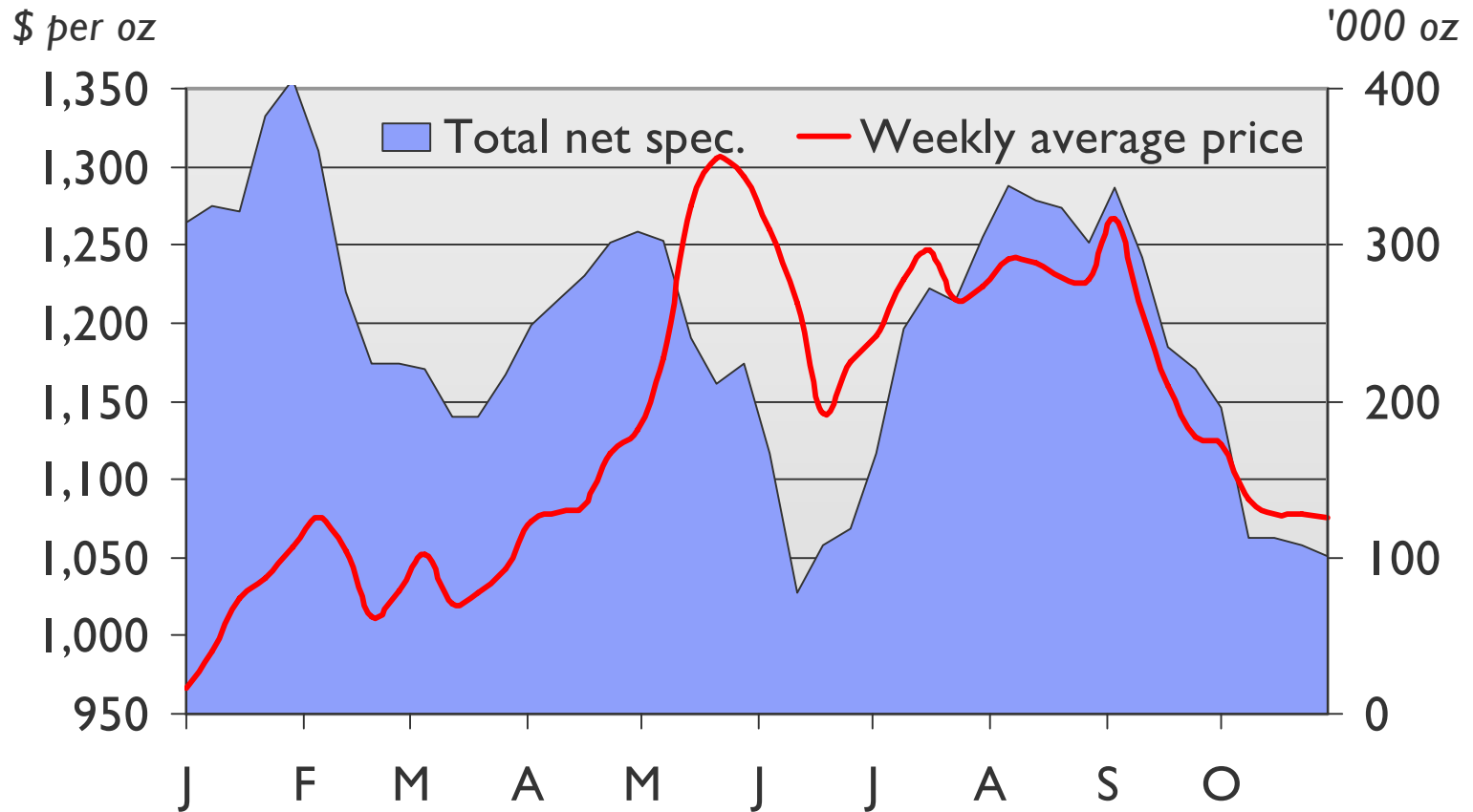
# Platinum: Supply Outlook

## Strong growth in Rand basket price



# NYMEX Positions vs Platinum Price

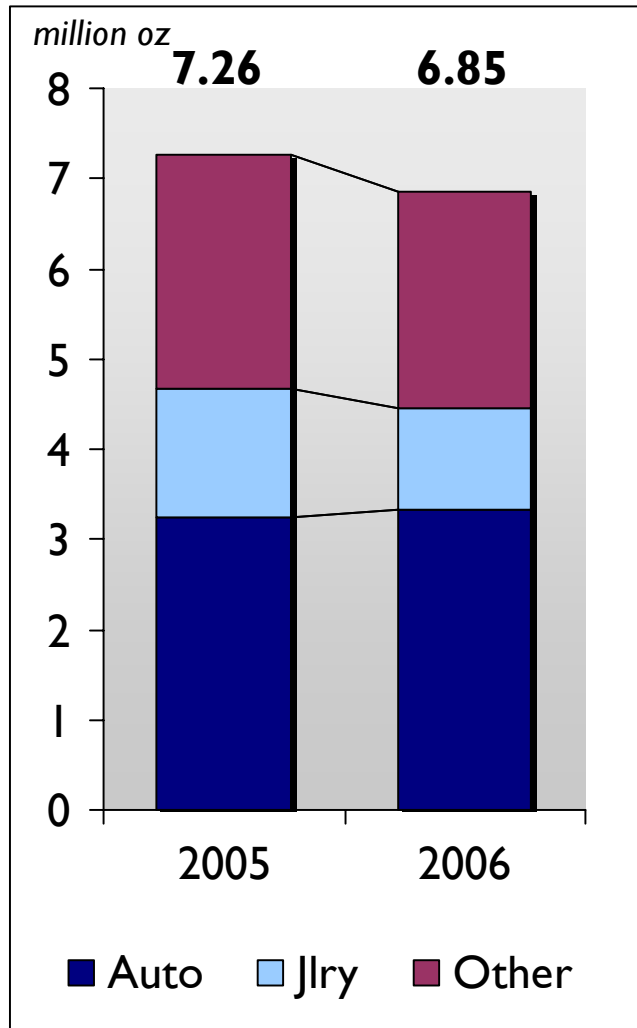
## Jan–Oct 2006



# Forecast Platinum Price for the Next 6 Months



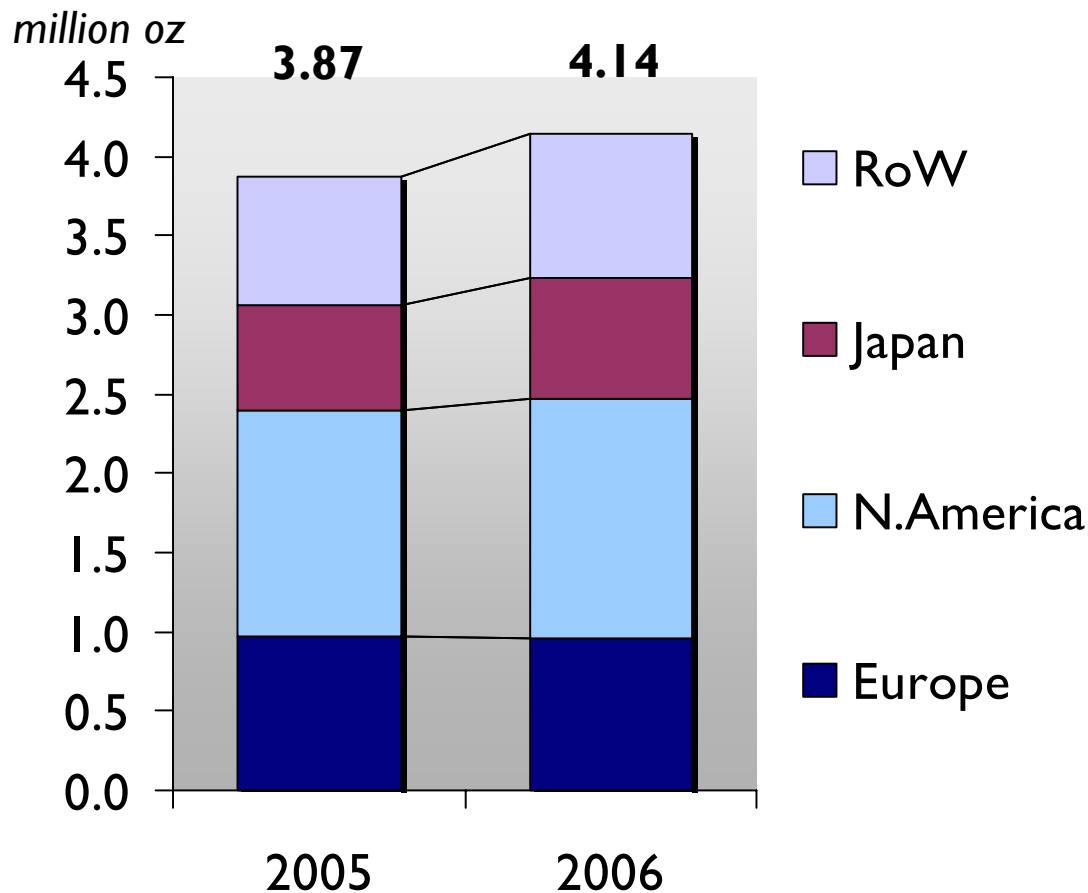
# Palladium Demand Contracts



- Total demand to shrink 6% to 6.85 million oz
- Growth in autocatalyst purchases
- Strengthening electronics demand
- Decline in jewellery demand in China

# Palladium Demand: Autocatalyst

Up 7% to 4.14 million oz



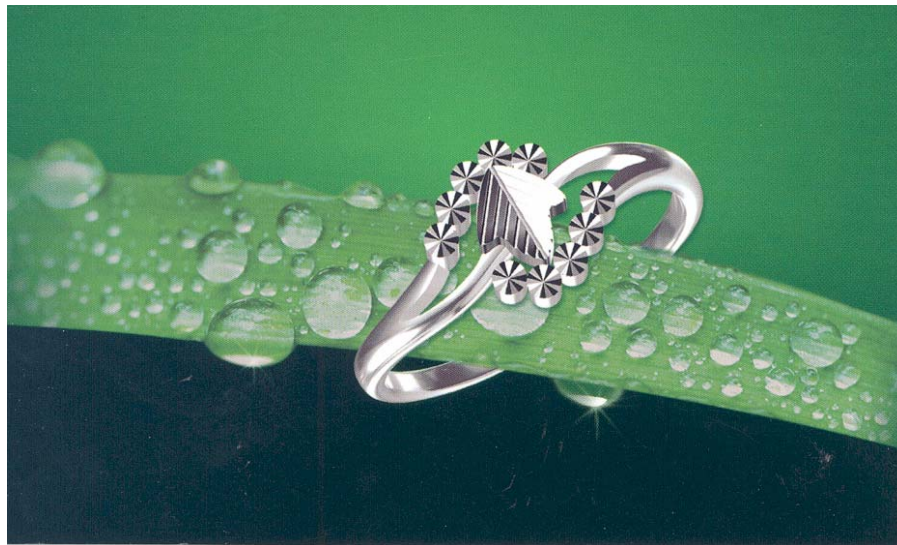
# Autocatalyst Demand for Palladium

- Europe: down 0.5% to 965,000 oz
  - Market share of diesel vehicles grows again
- North America: up 5% to 1.505 million oz
  - Continuing substitution of palladium for platinum
- Japan: up 15% to 765,000 oz
  - Increased substitution of palladium for platinum
- China + RoW: up 12% to 905,000 oz
  - Strong growth in production, esp. in Asia

# Palladium Demand: Jewellery

Down 22% to 1.12 million oz

- China: down 28% to 860,000 oz
  - Full pipeline, significant recycling
- North America: demand doubles to 40,000 oz



# Palladium Demand: Jewellery

## Drop in Chinese demand

- Low metal financing costs
- Good consumer demand in secondary and tertiary cities
- BUT recycling of Pd950 is happening
- AND pipeline stocks are full

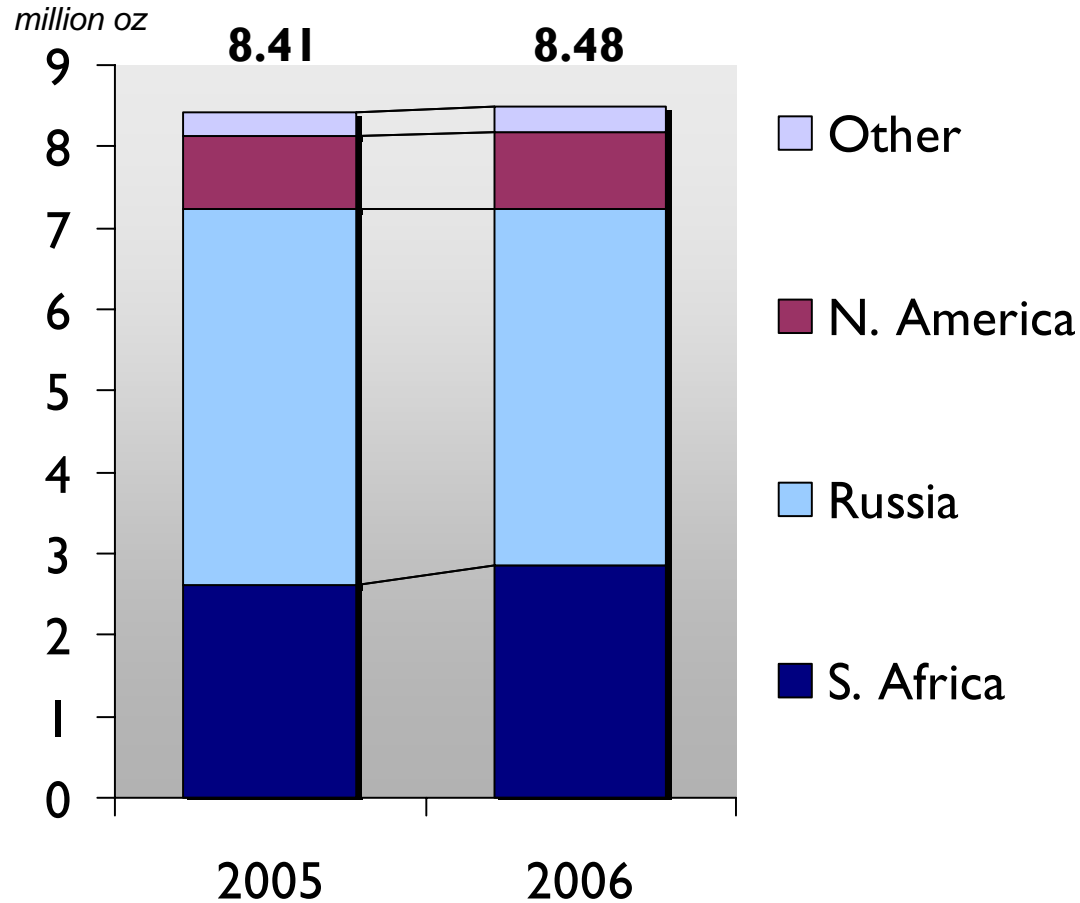
# Palladium Demand: Other

## Down 7.5% to 2.395 million oz

- Electronics demand up 9% to 1.055 million oz
- Dental demand flat at 815,000 oz
- Sharp decline in physical investment products in North America

# Palladium Supply

Up 1% to 8.48 million oz

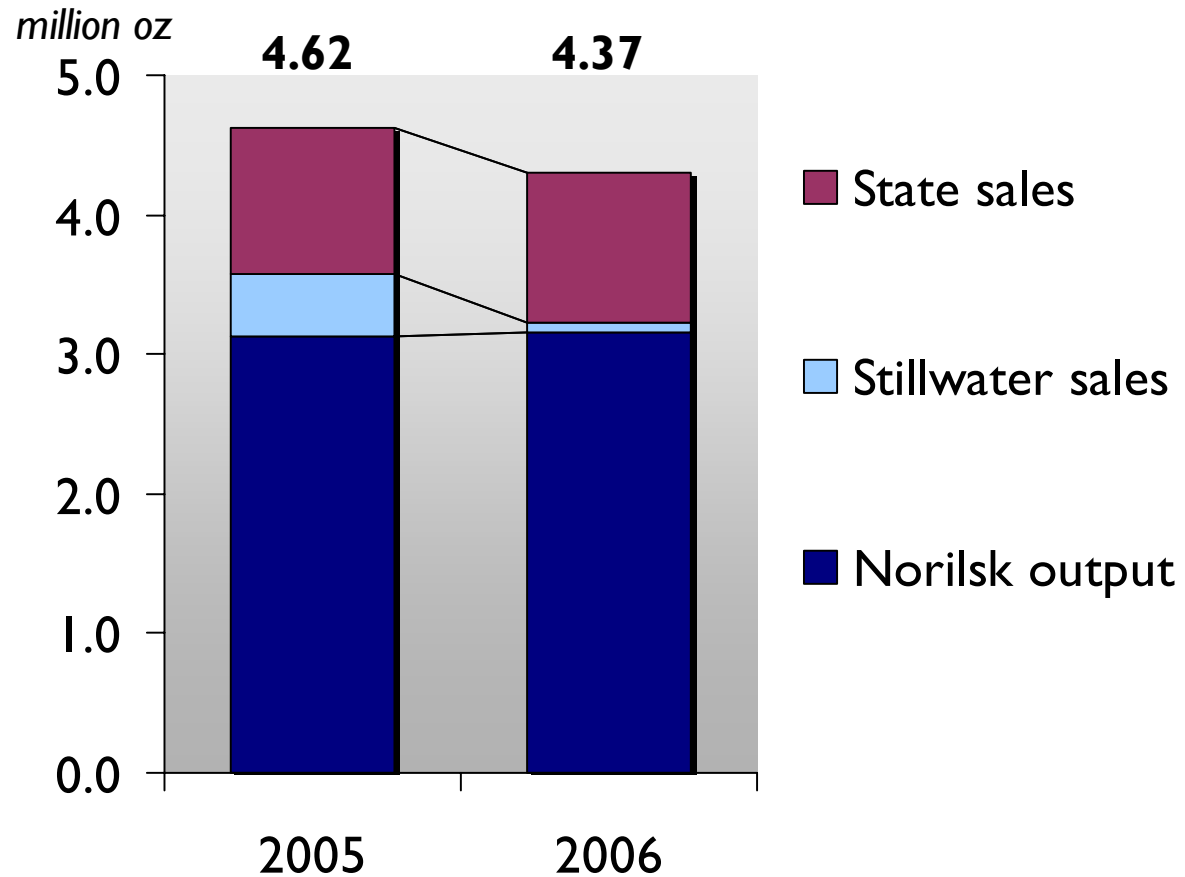


# Palladium Supply: Russia

## Down 5.5% to 4.37 million oz

- Norilsk output roughly 3.15 million oz
- Stillwater sells final 63,000 oz of Norilsk stock
- Total annual supply depends heavily on last quarter shipments from Gokhran

# Palladium Supply: Russia



# Palladium Supply: Other Regions

- South Africa: up 9.5% to 2.85 million oz
  - Faster expansion of platinum mining in 2006
- North America: up 5.5% to 955,000 oz
  - Recovery in performance at NAPd

# Palladium Supply and Demand

'000 oz	2005	2006	%
<b>Demand</b>	<b>7,260</b>	<b>6,850</b>	<b>-6</b>
<b>Supply</b>	<b>8,410</b>	<b>8,480</b>	<b>+1</b>
<b>Movements in stocks</b>	<b>1,150</b>	<b>1,630</b>	

# Palladium: Demand Outlook

## Autocatalyst

- Continued drive to switch from platinum to palladium in three-way catalysts
- First significant use of palladium in diesel exhaust aftertreatment
- Growth in global light duty vehicle production

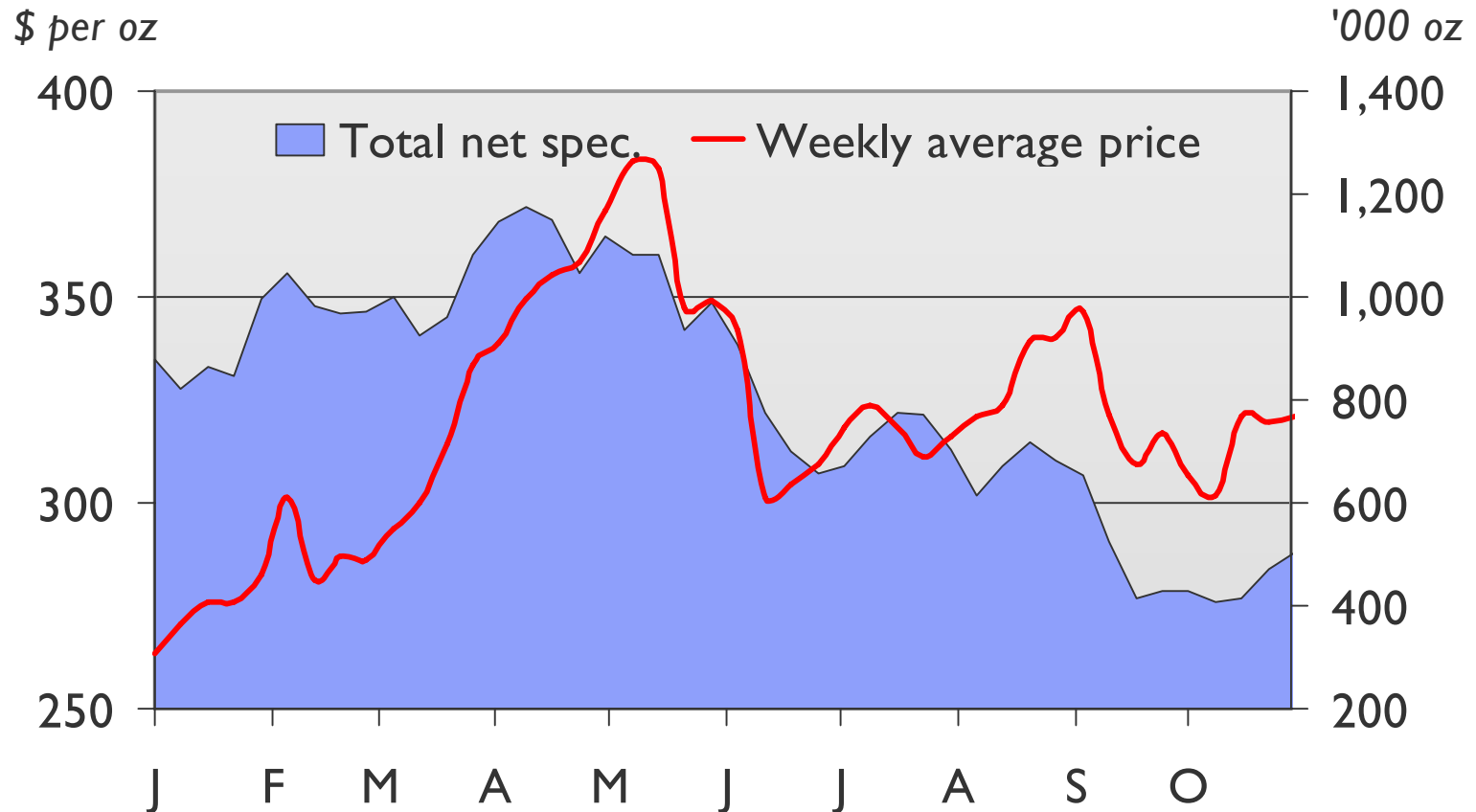
# Palladium: Demand Outlook

## Jewellery

- China could return to growth in 2007
  - Trend more representative of retail demand
  - Recycling levels likely to drop
  - Increasing marketing effort
  - Sales on Shanghai Gold Exchange unlikely

# NYMEX Positions vs Palladium Price

## Jan–Oct 2006



# Forecast Palladium Price for the Next 6 Months

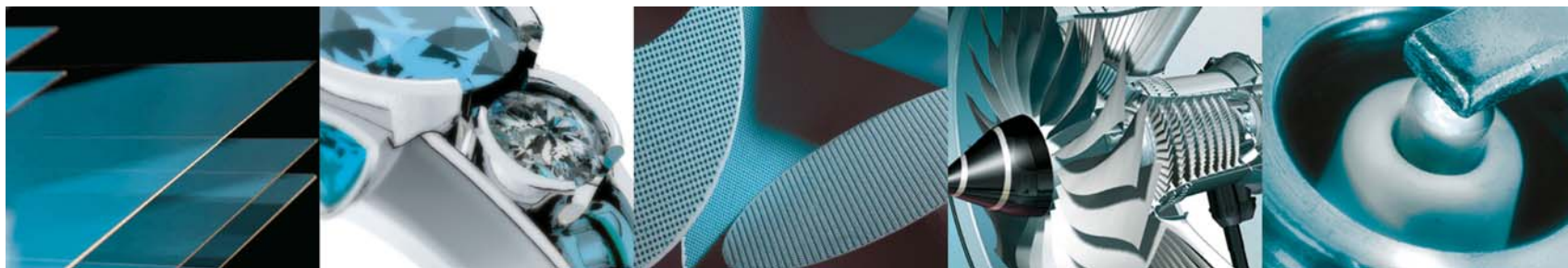




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# Platinum 2006

## Interim Review



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