

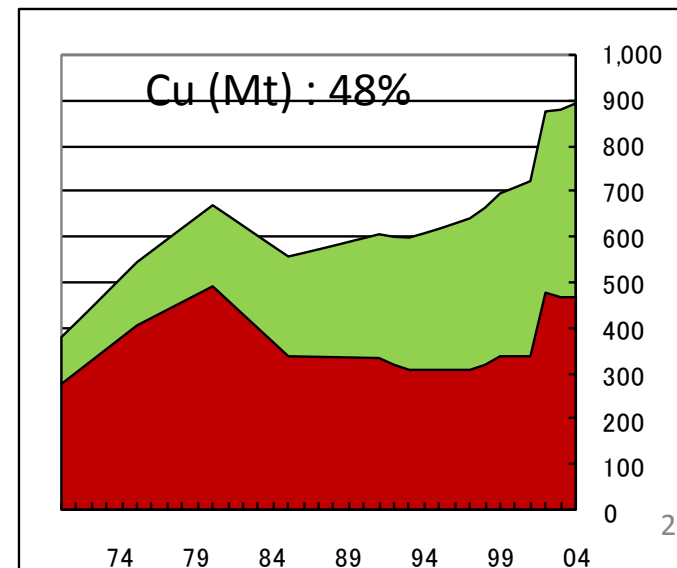
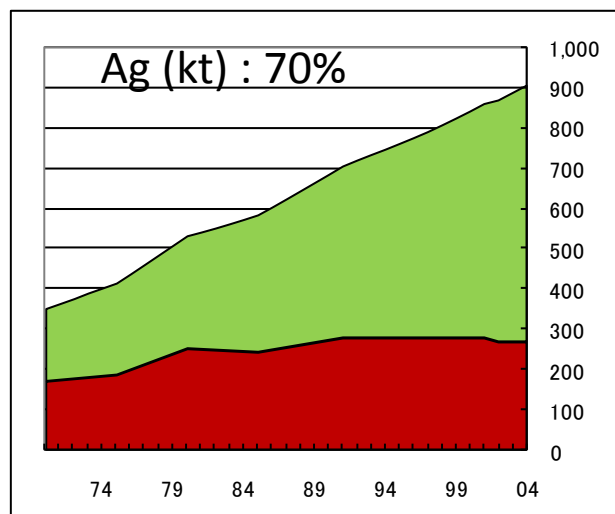
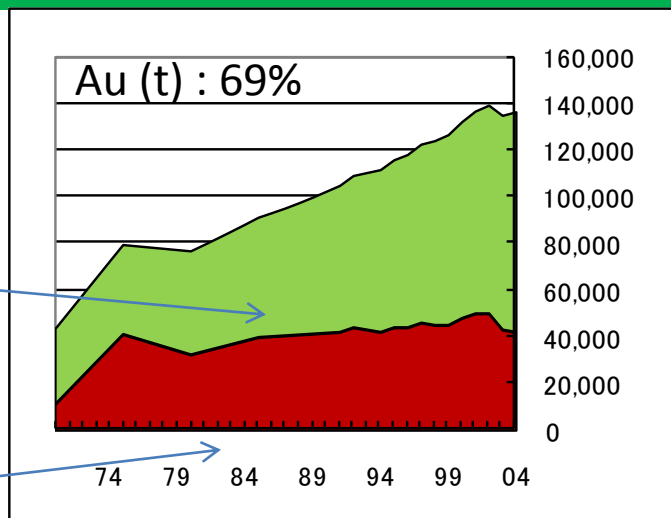
リサイクル

Ver.11CK

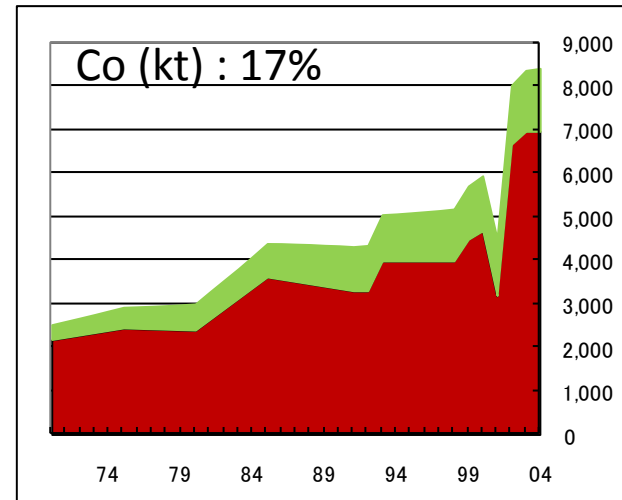
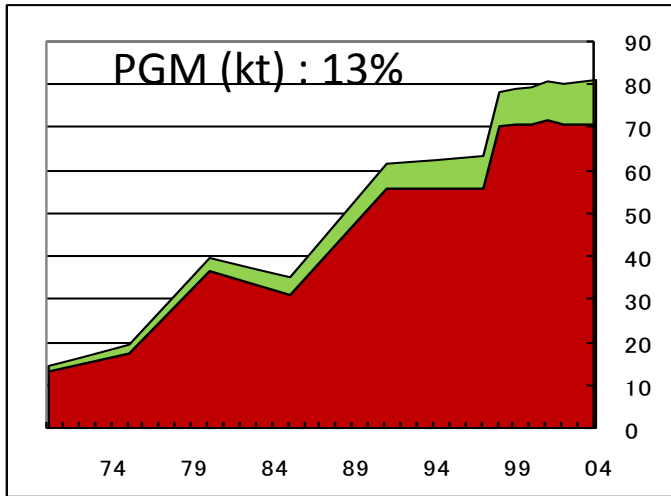
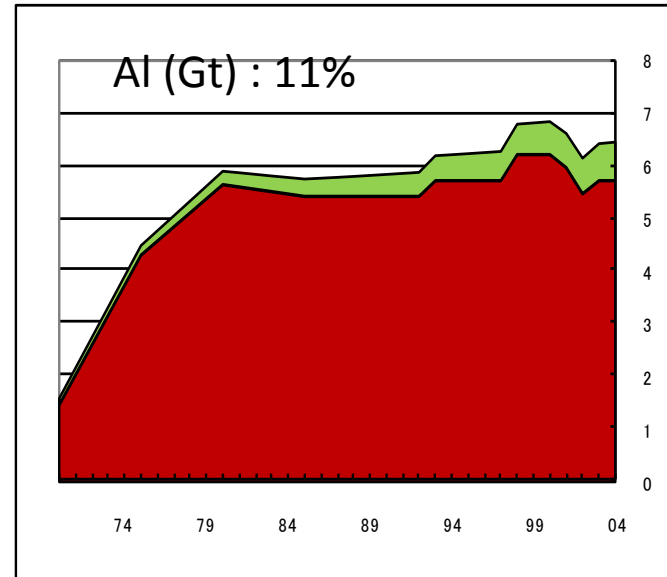
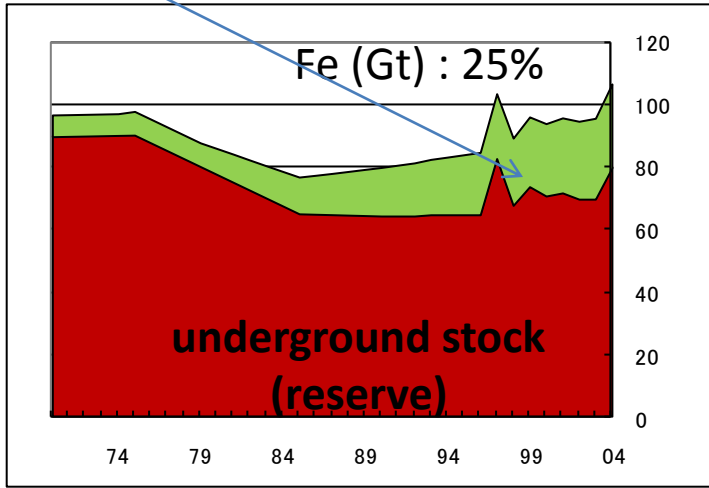
On-surface stock(既採掘量)がunderground stock(埋蔵量)より多い資源が増えている

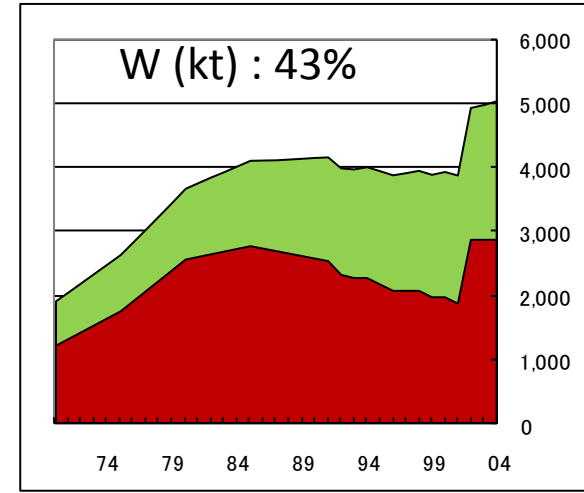
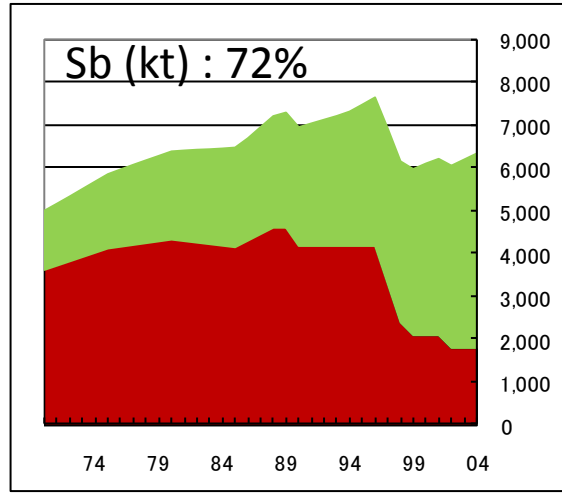
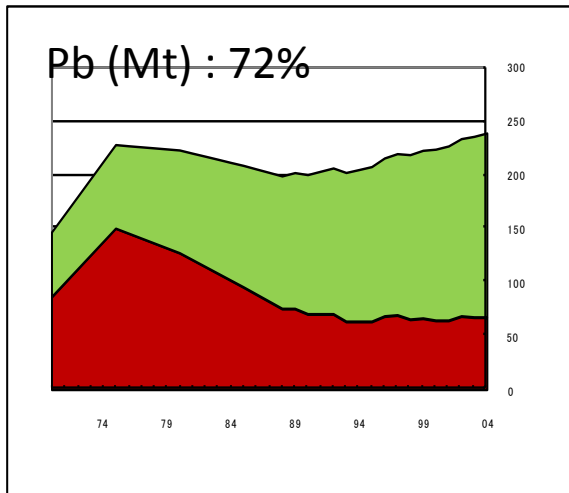
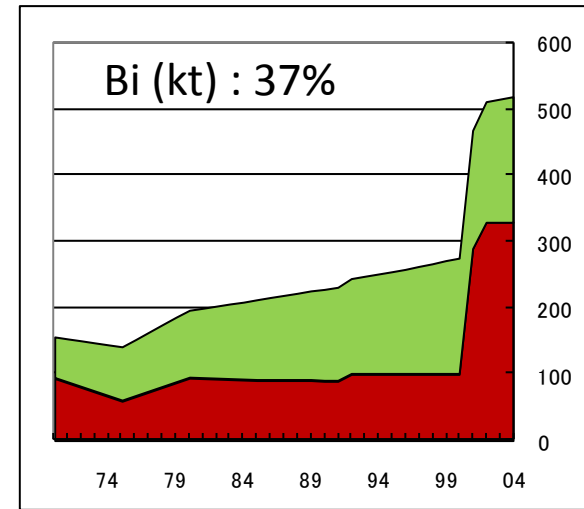
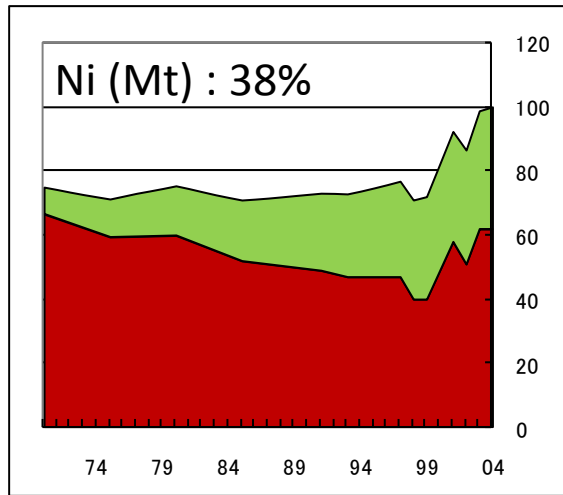
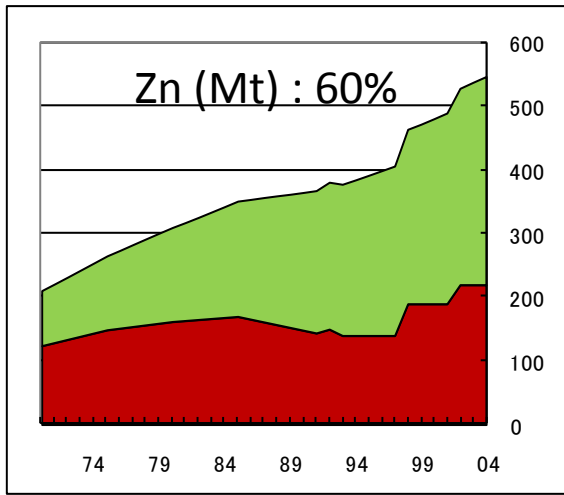
Secondary Stock
On surface stock

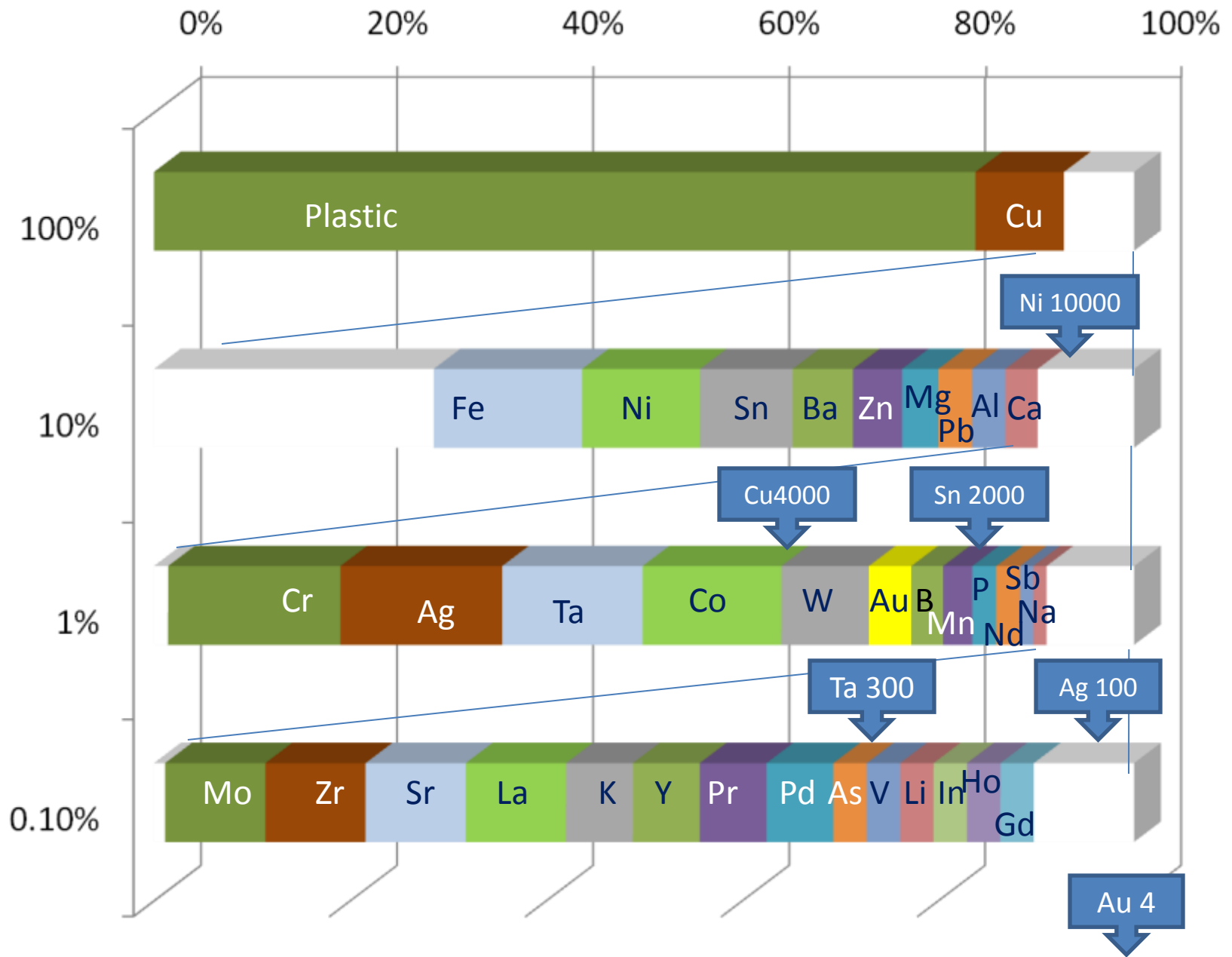
Primary Stock
underground stock
(reserve)



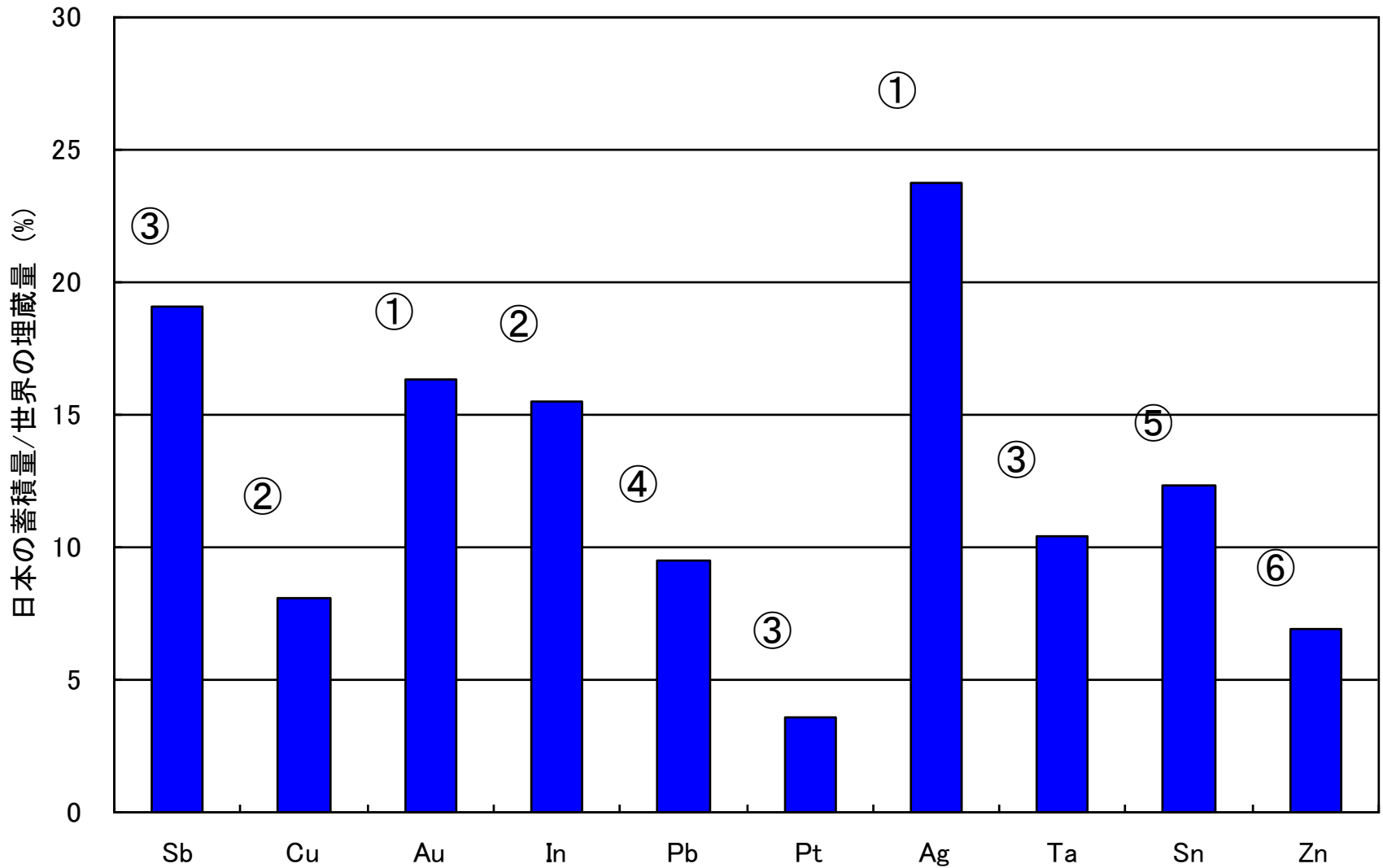
On surface stock



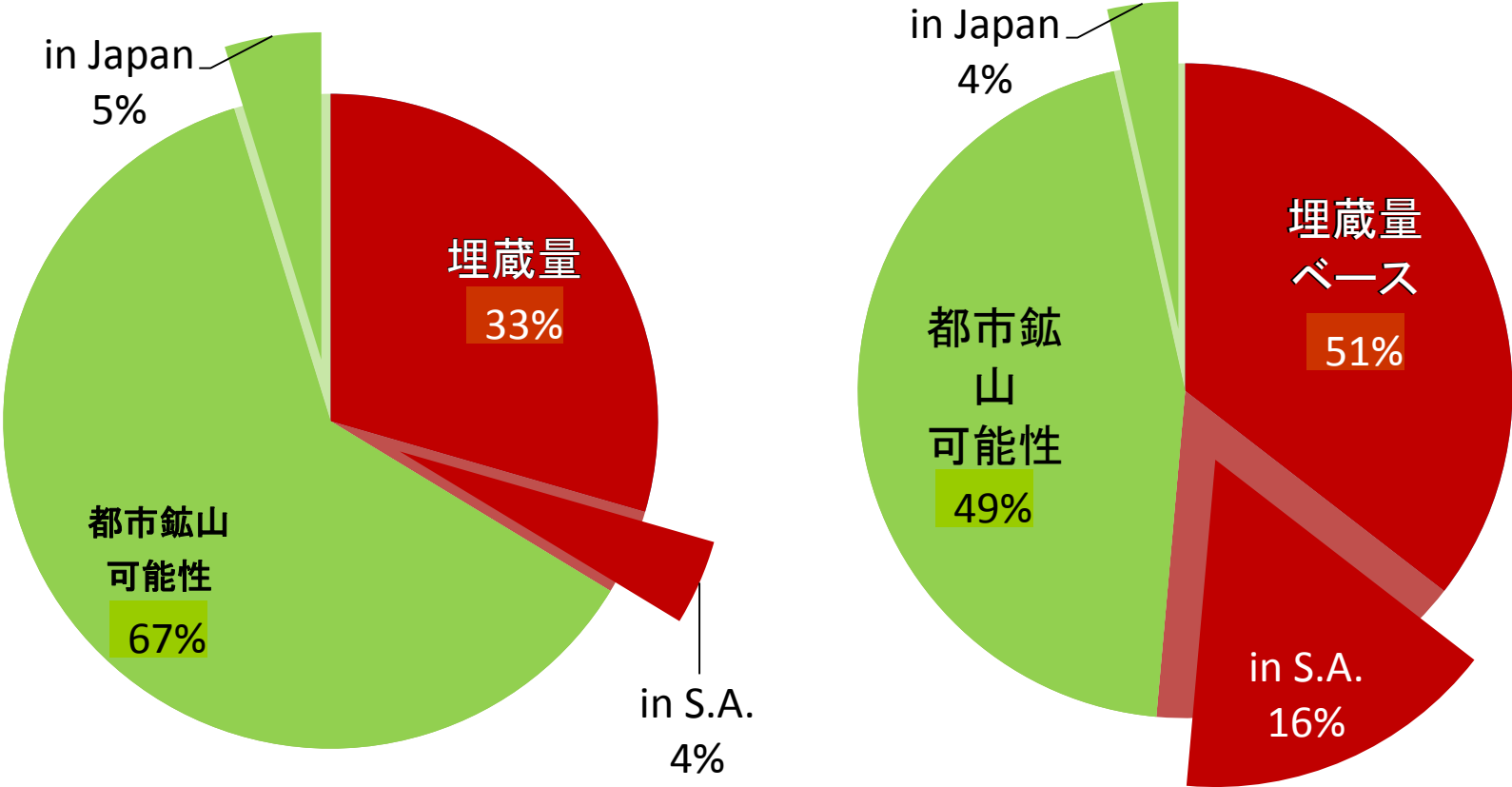




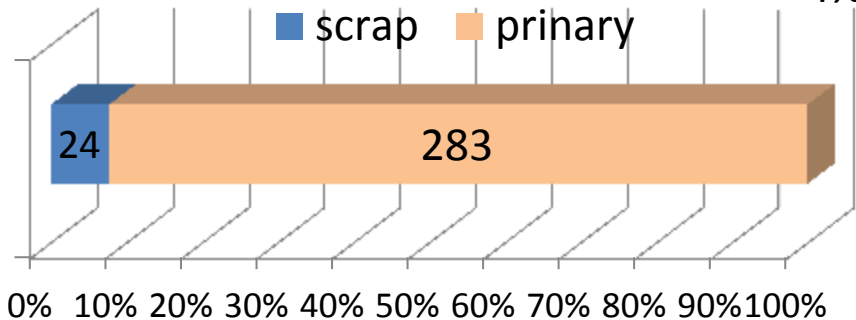
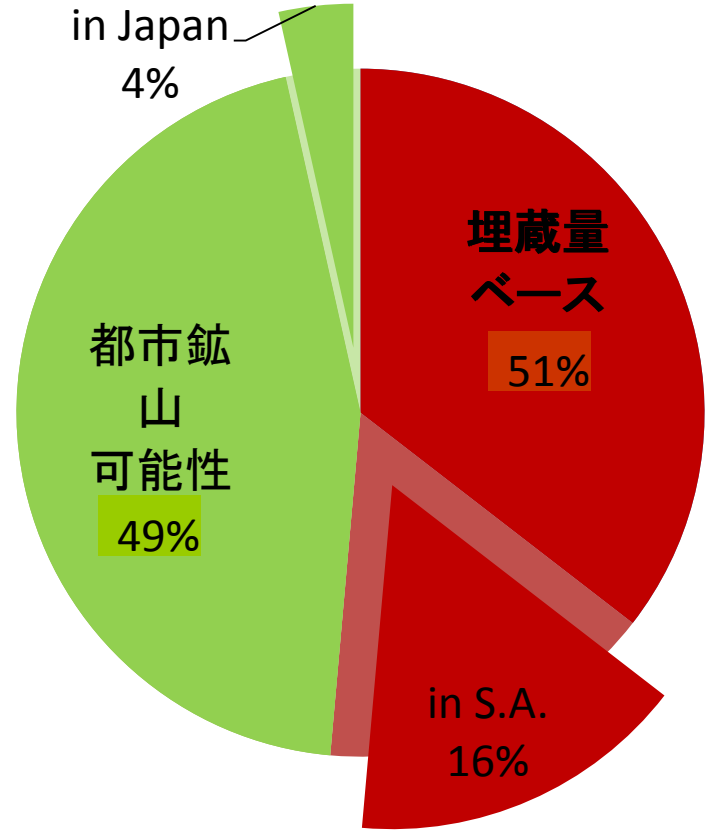
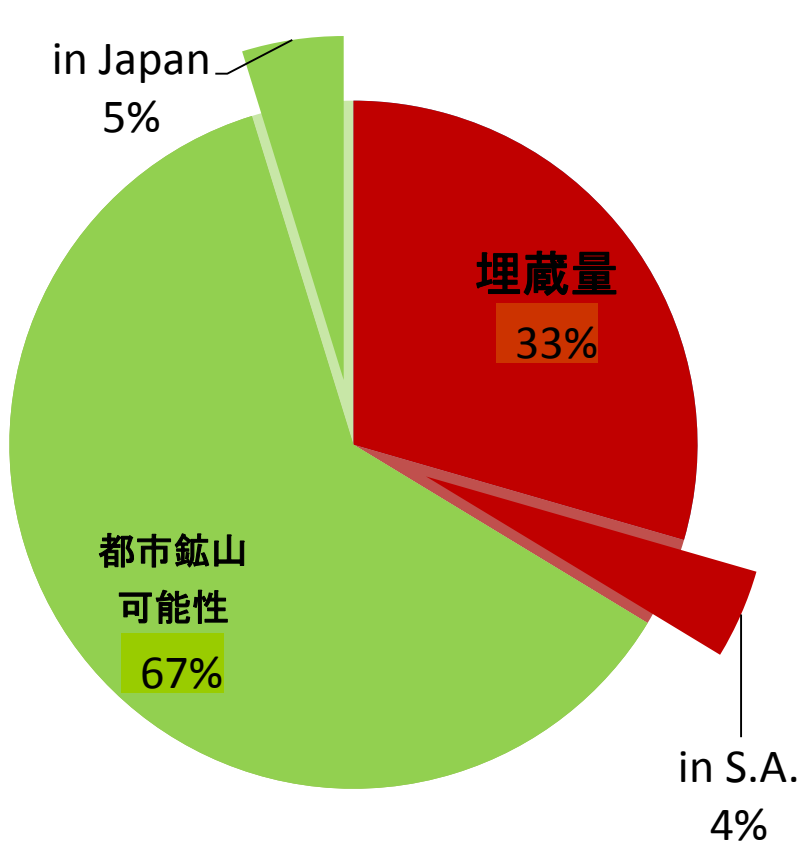
日本は世界中から資源を集めて発展してきたので、Urban miningの可能性は大きい



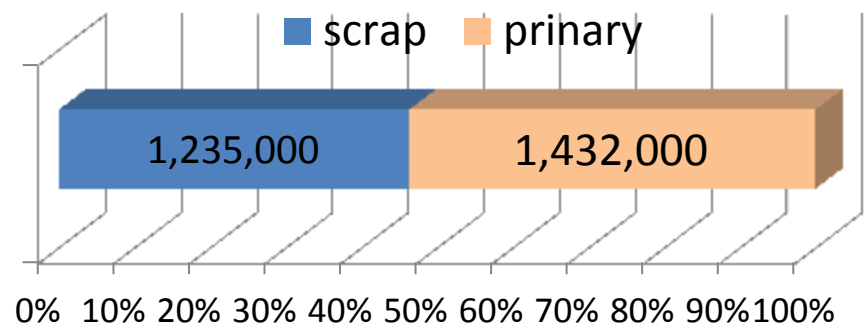
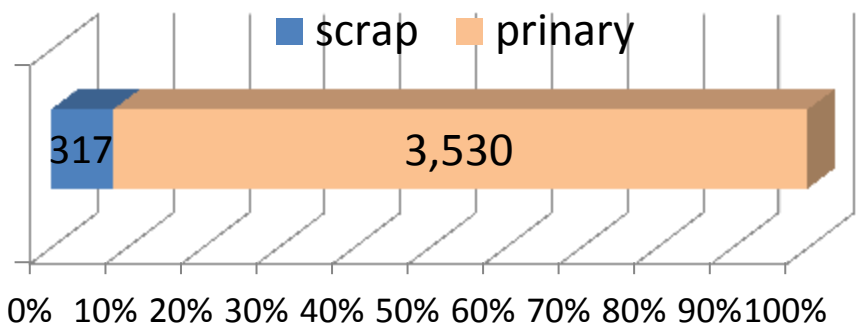
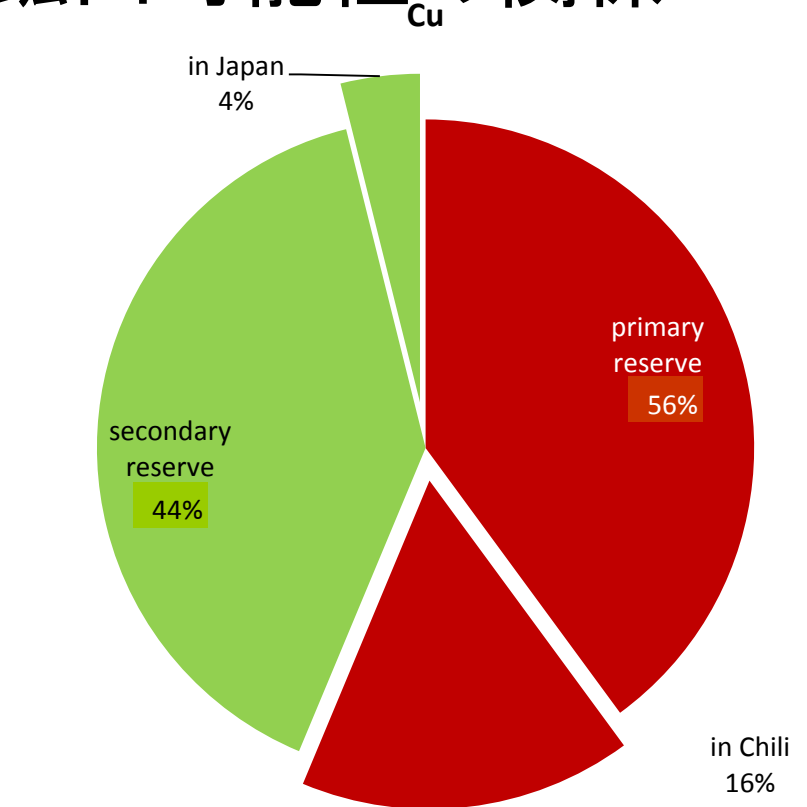
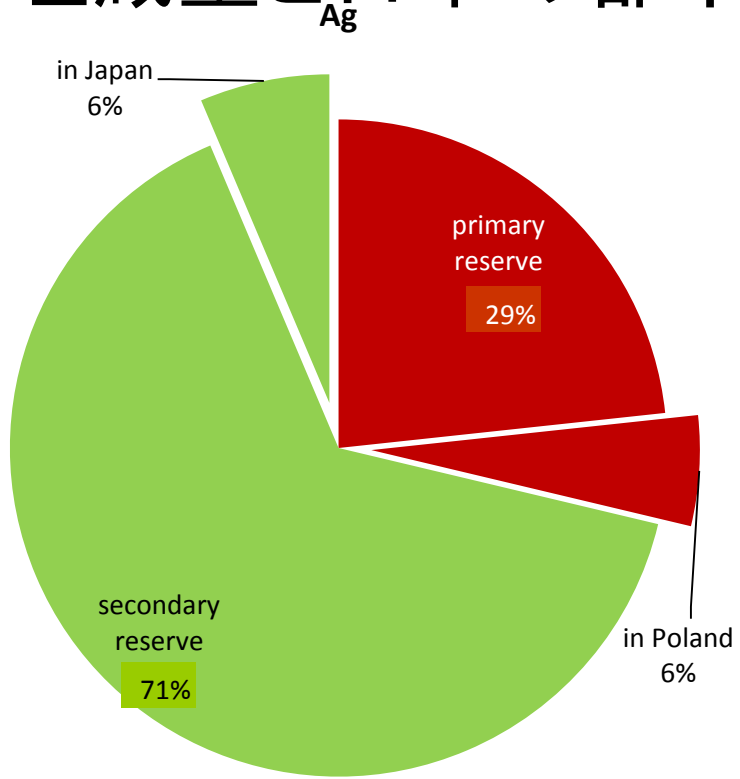
埋蔵量と日本の都市鉱山可能性の関係



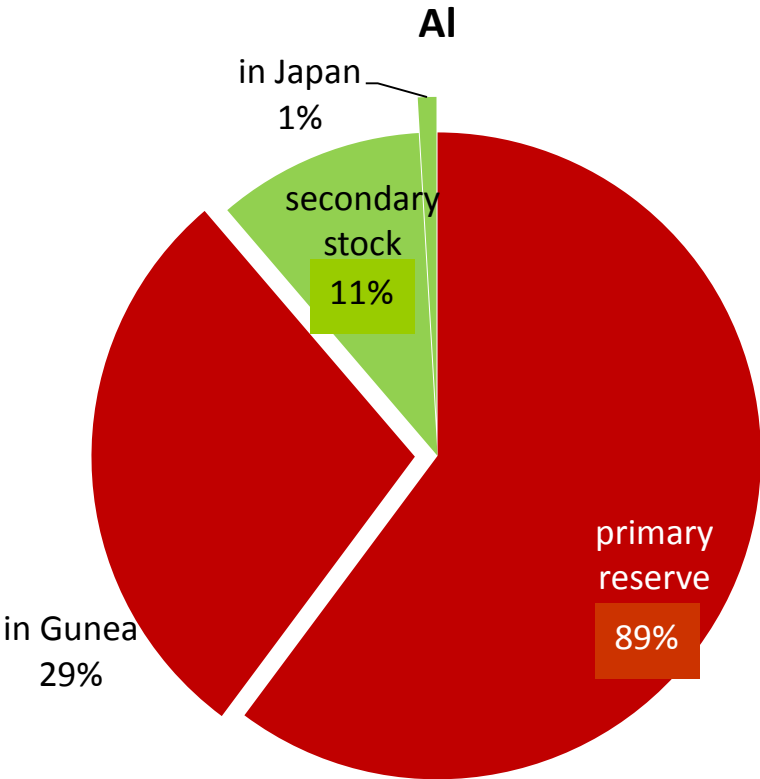
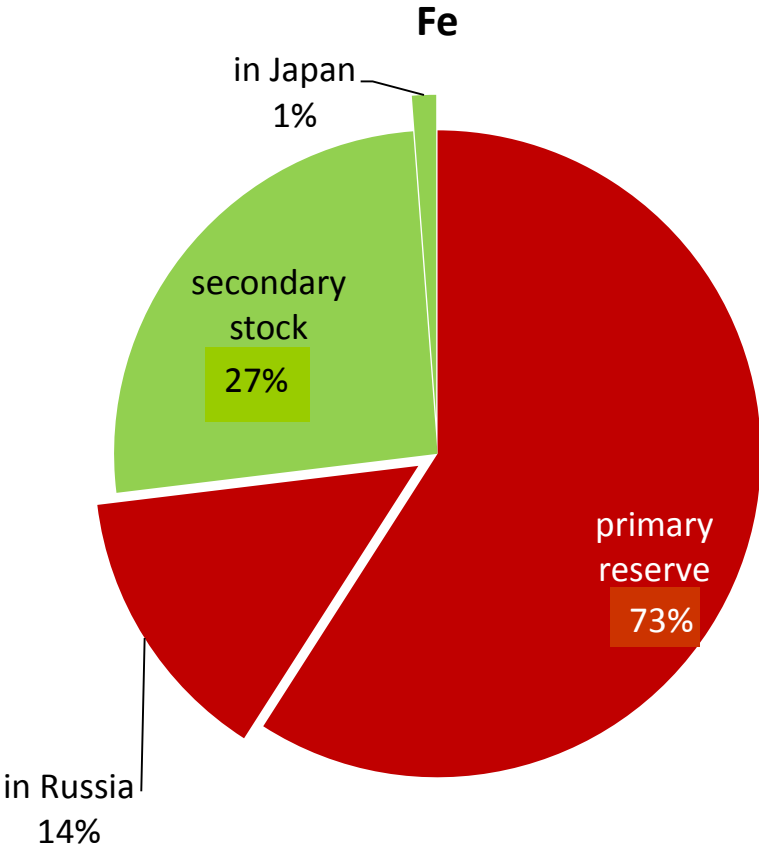
埋蔵量と日本の都市鉱山可能性の関係



埋蔵量と日本の都市鉱山可能性の関係

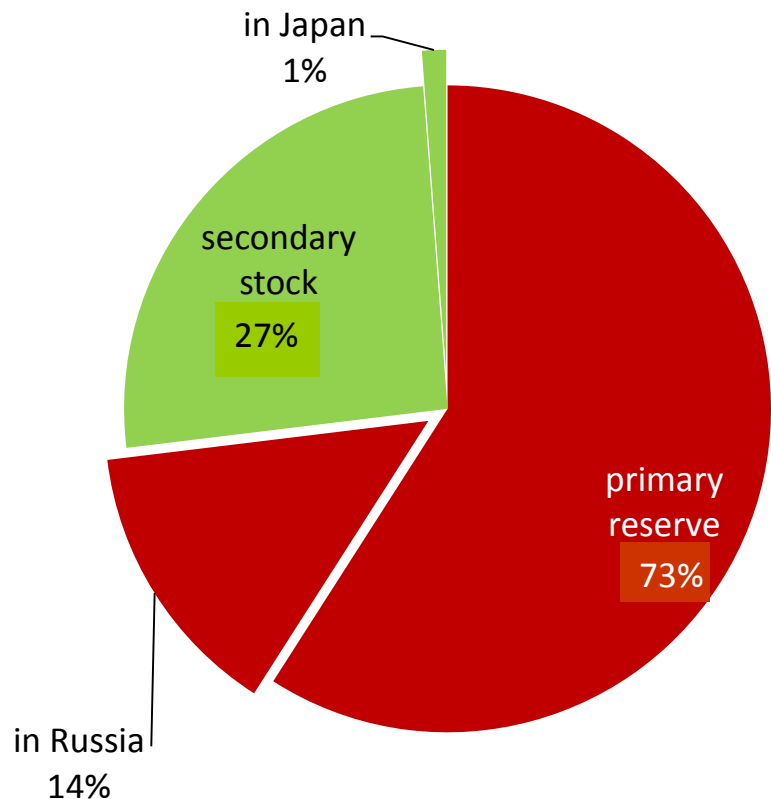


埋蔵量と日本の都市鉱山可能性の関係



埋蔵量と日本の都市鉱山可能性の関係

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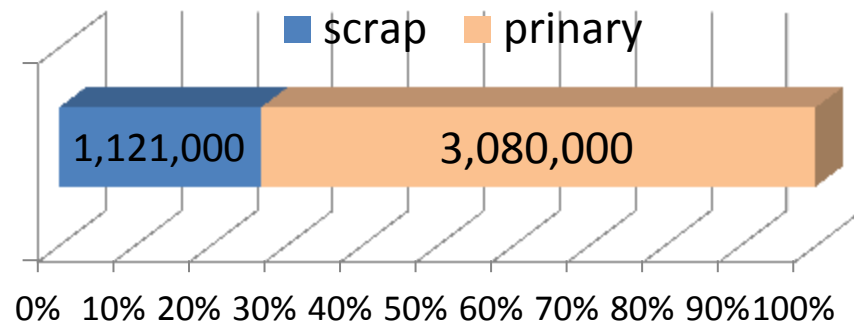
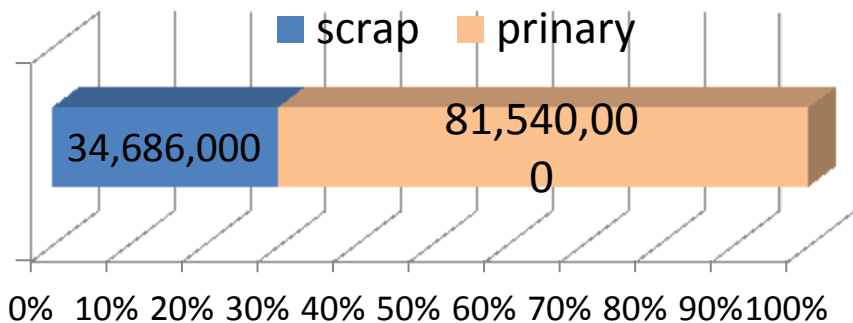
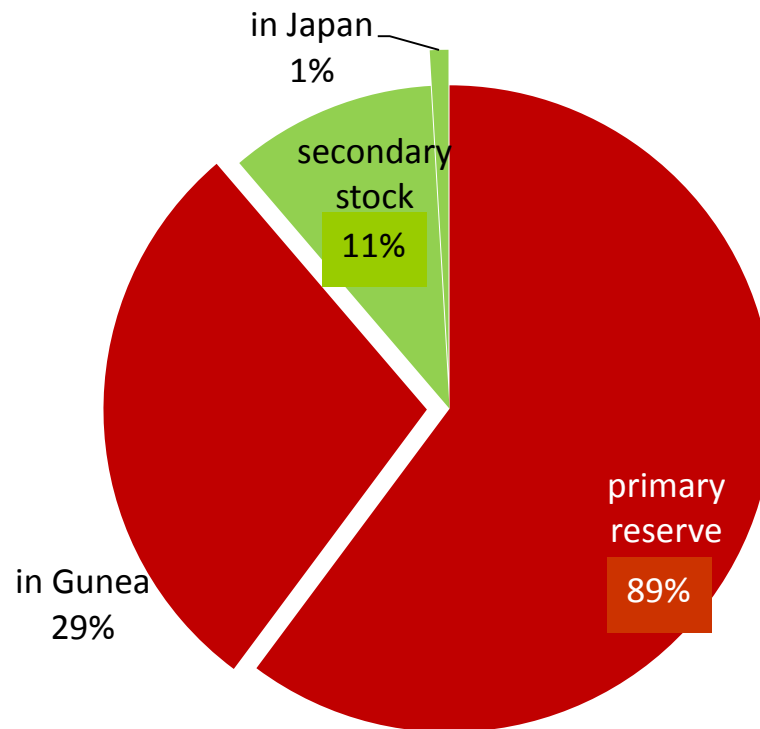


図6 世界各国の年間鉄鋼消費量とスクラップ回収量

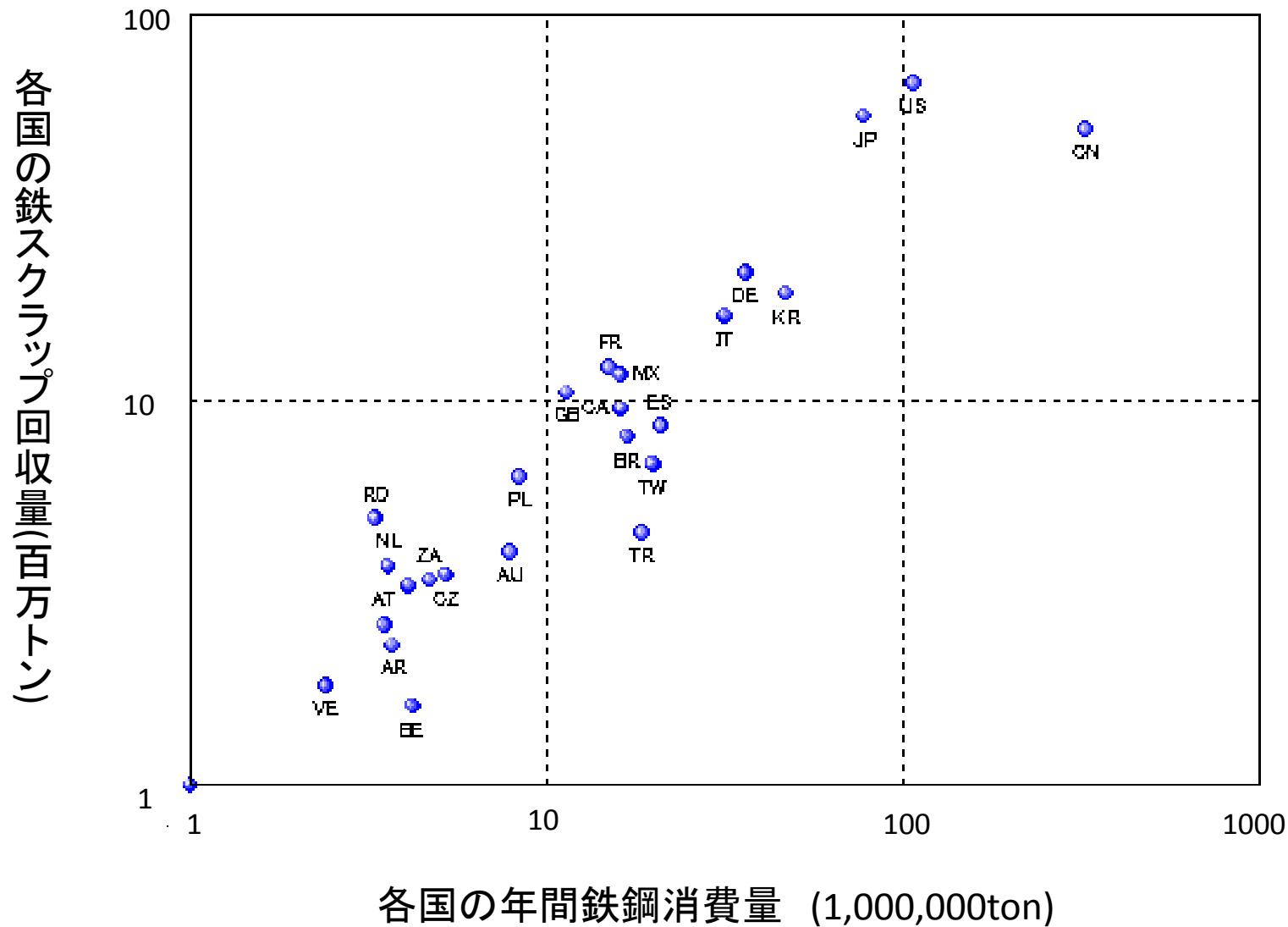


表1 世界のスクラップ発生量と地域シェア

| | 2008 | 2007 | 2006 | 2005 |
|-------------|-------|-------|-------|-------|
| world(Mton) | 445.2 | 478.9 | 459.7 | 433.9 |
| EU% | 22.2 | 24.6 | 25.6 | 23.4 |
| CIS% | 10.5 | 12.7 | 12.3 | 14.9 |
| USA% | 14.4 | 16.1 | 15.8 | 15.3 |
| China% | 13.1 | 15.6 | 13.0 | 11.5 |
| Japan% | 10.4 | 12.4 | 12.3 | 12.5 |
| CS-America% | 6.1 | 5.6 | 5.2 | 6.1 |

図7 中国と日本の熱延鋼材生産量の推移

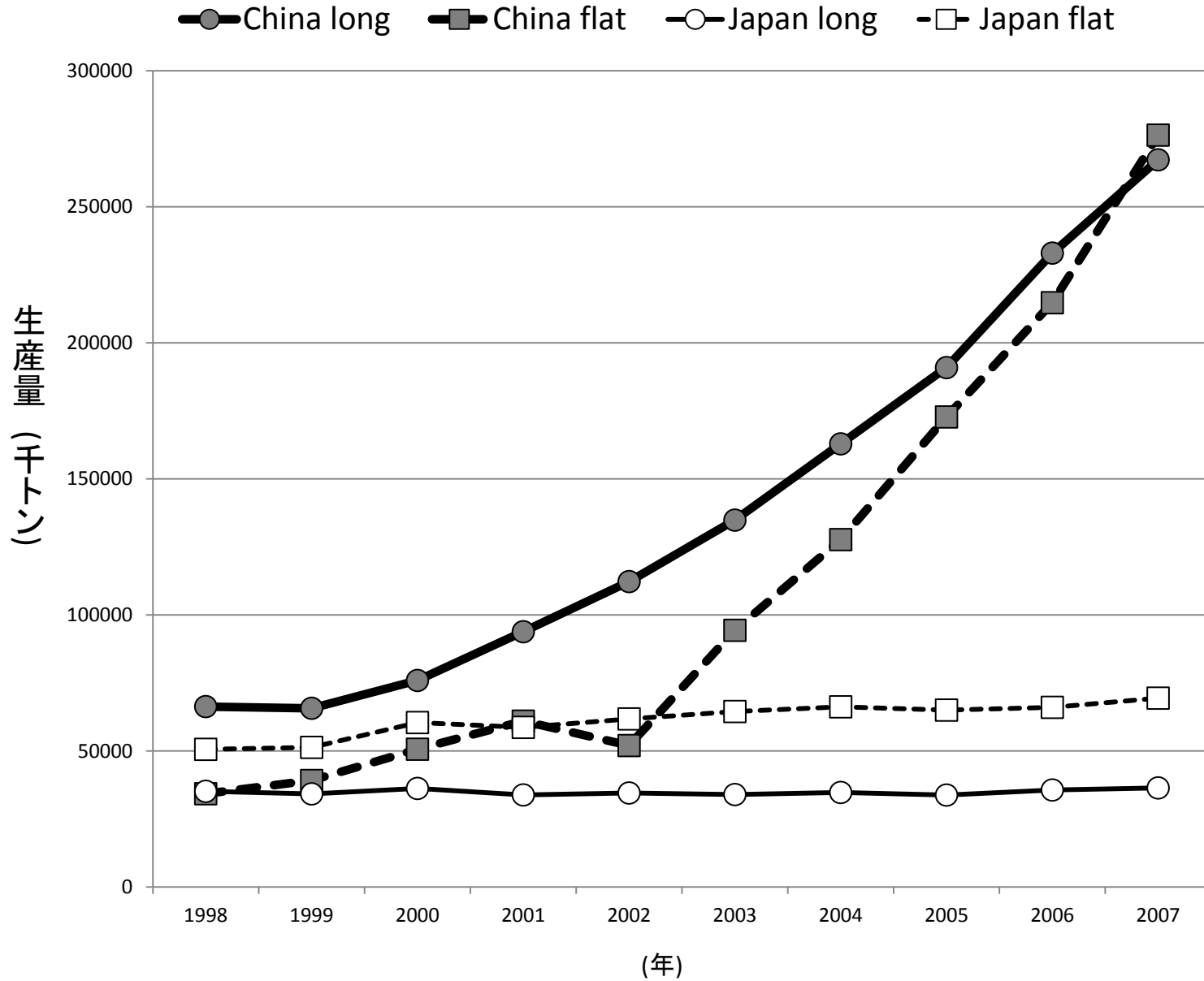
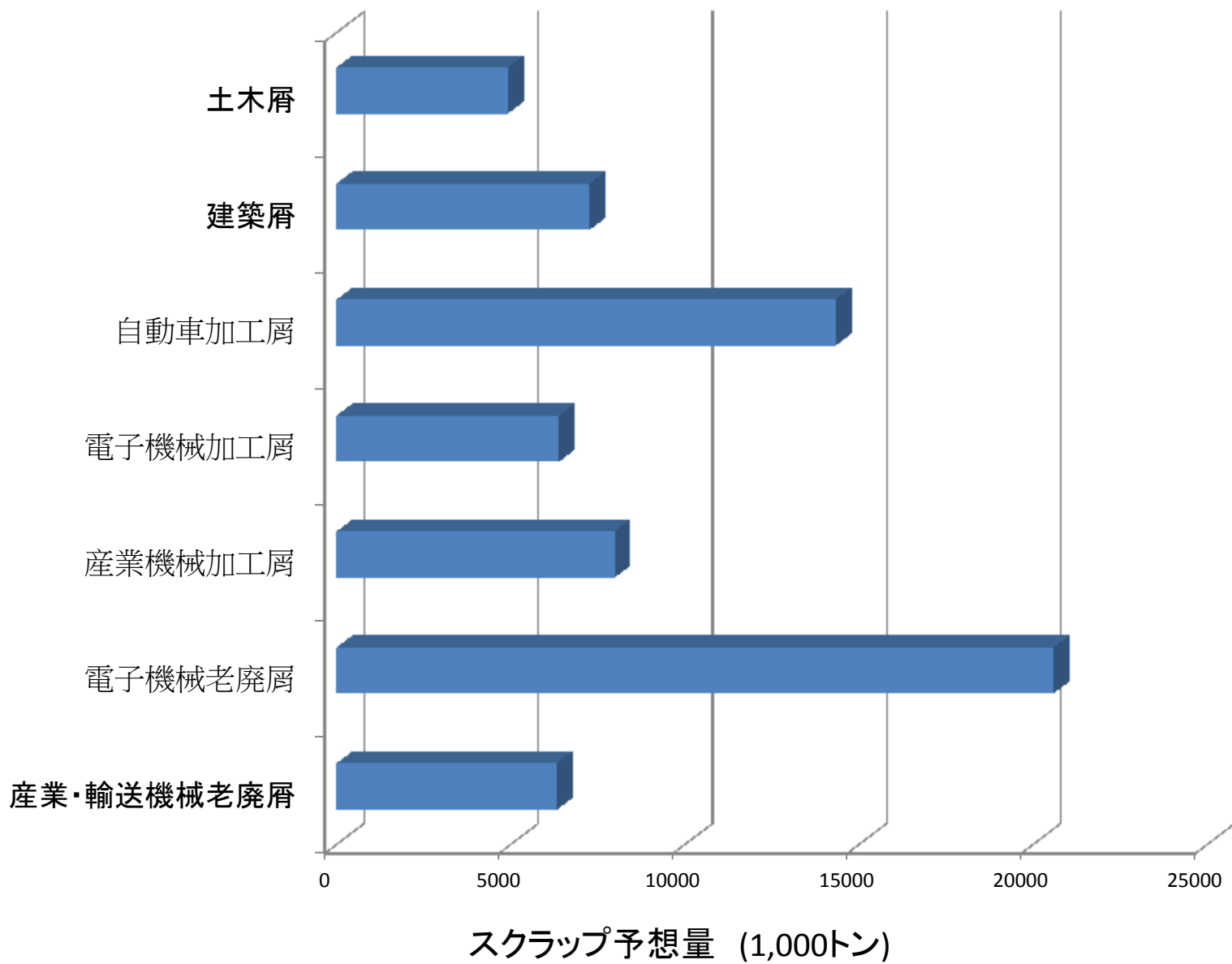
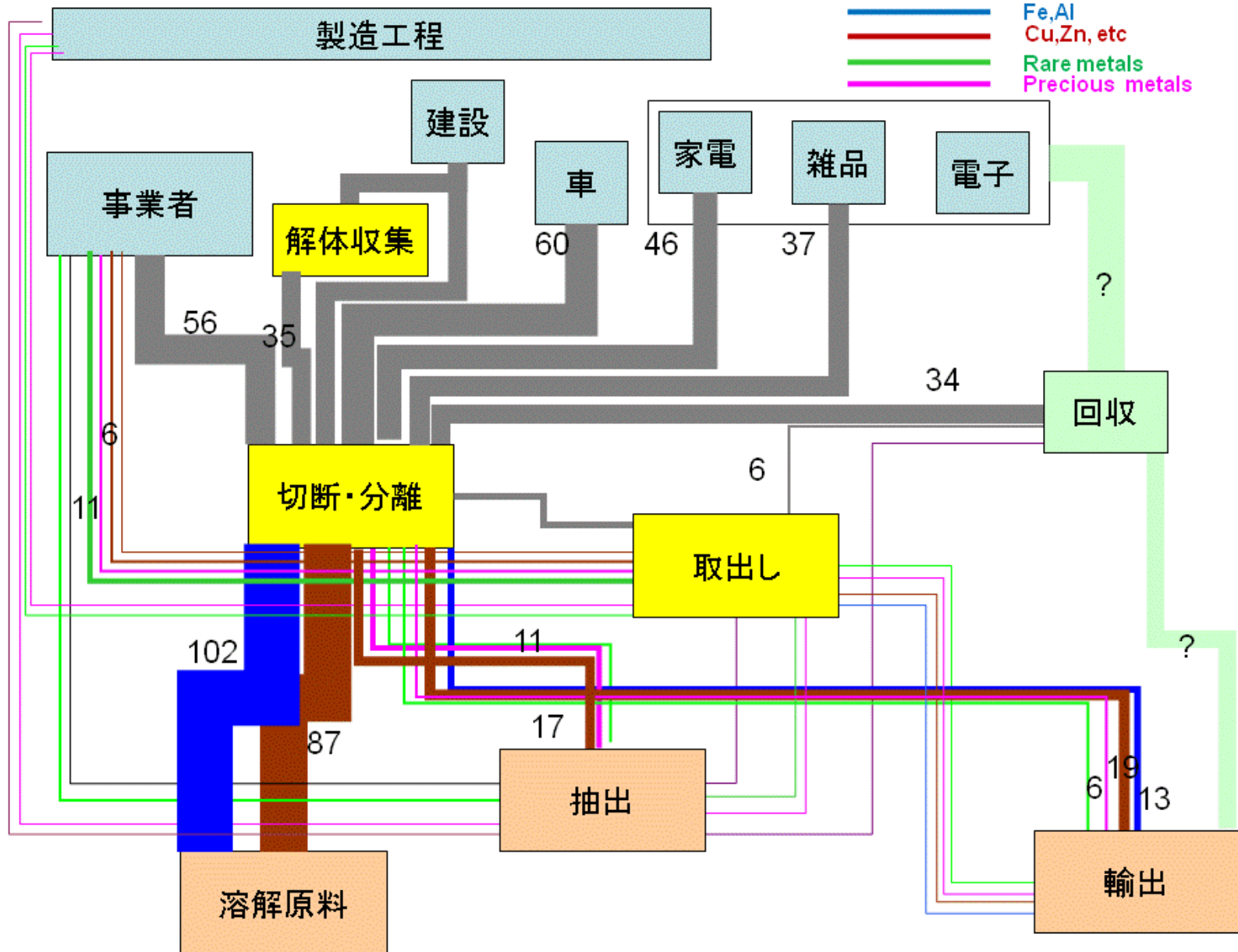


図8 中国の2007年スクラップ構成予想



抽出に向かう流れより輸出が多い現在の静脈フロー



電子機器中のレアメタルValueは 思ったより小さい

