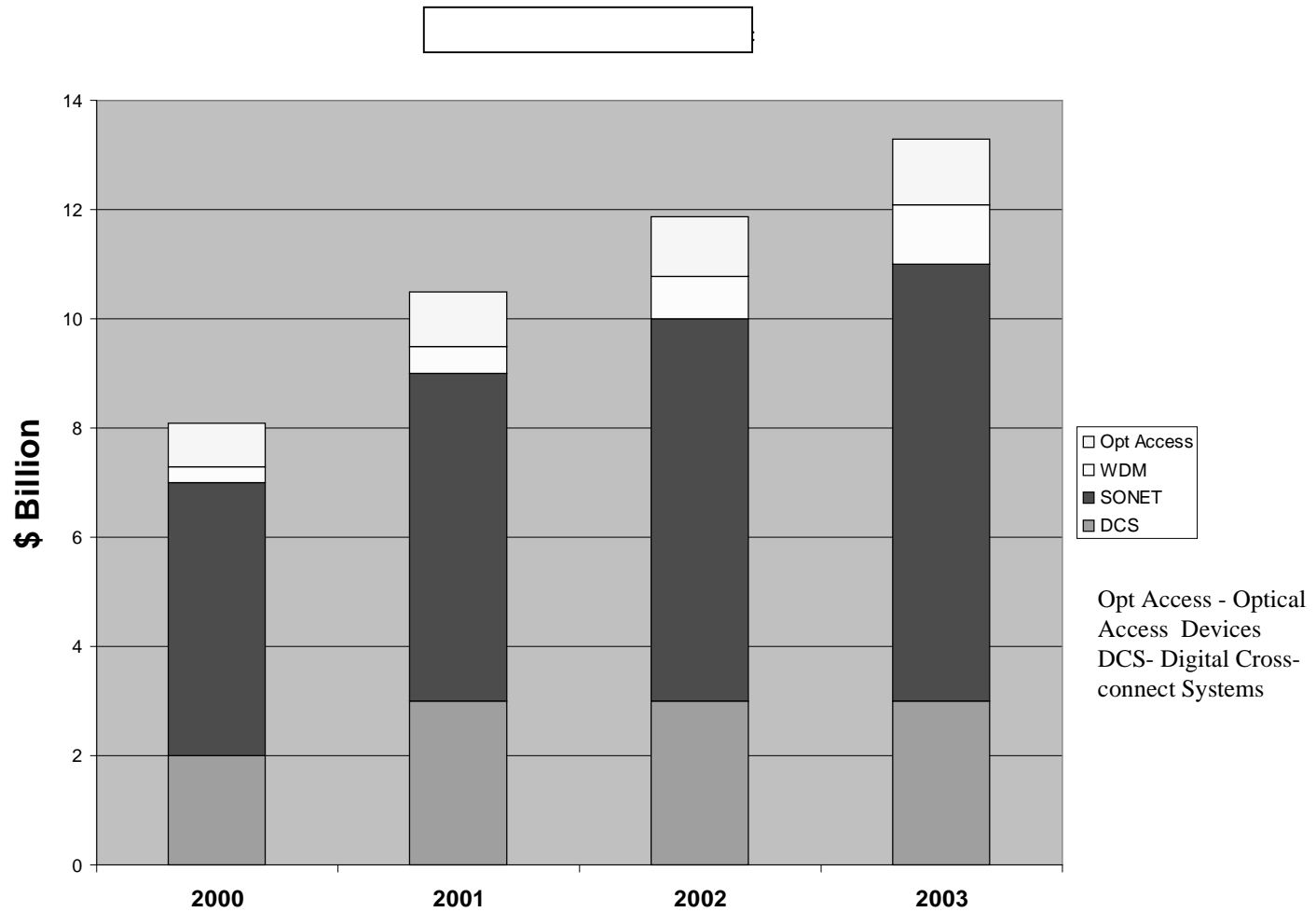


Metro Market Overview

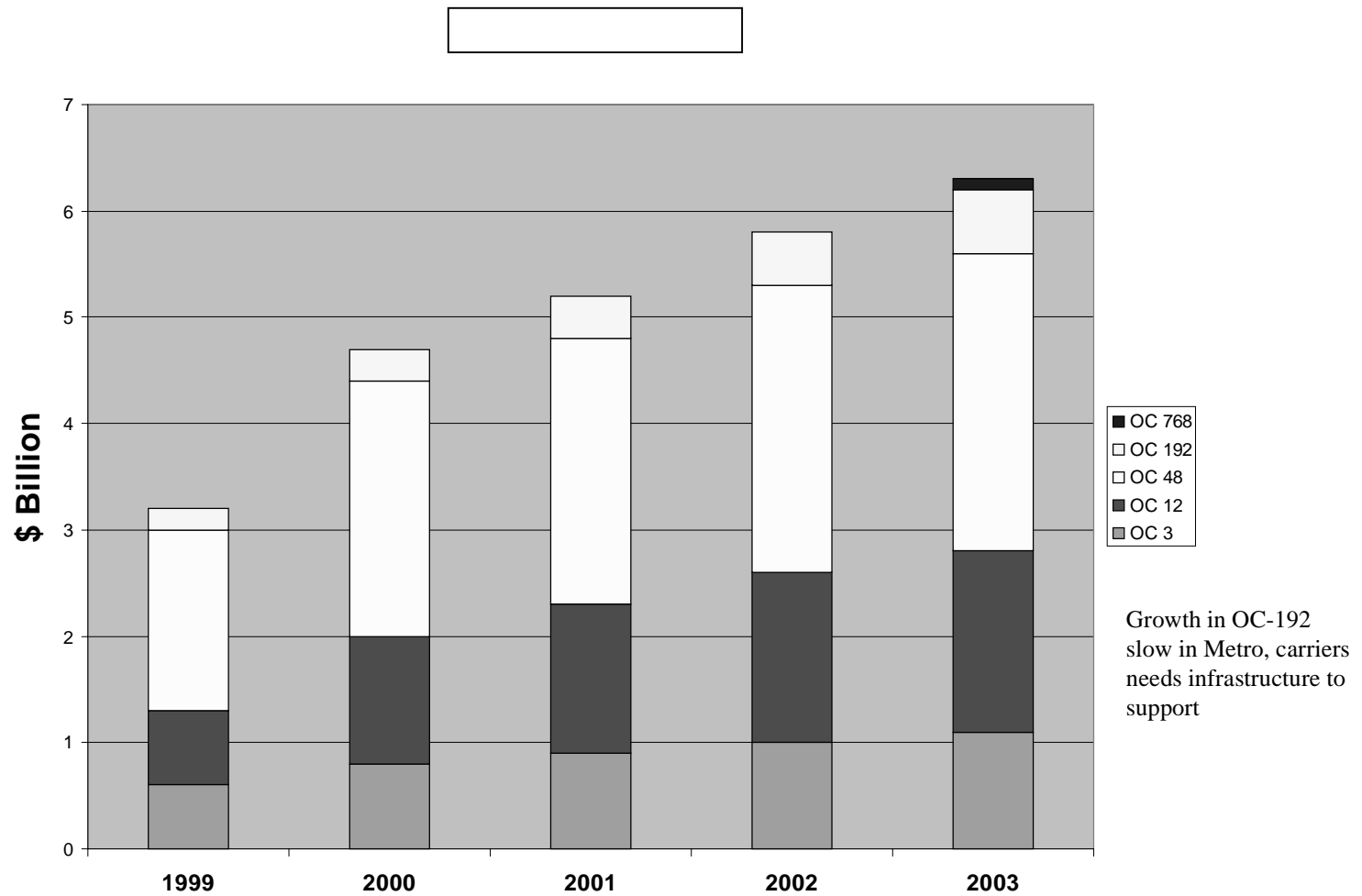
- In the next 5 years, growth in spending in the Metro will outpace growth in long-haul systems
- Introduction of RPR and other next generation SONET will fuel growth of SONET
- Availability of boxes for short-haul applications WDM facilitates growth of WDM in the Metro
- Numbers following from RHK
 - WDM and Optical Networks
 - North American Optical Transport Market Forecast

North American Metro Market



Data: RHK

SONET Metro Market - by speed



Data: RHK