



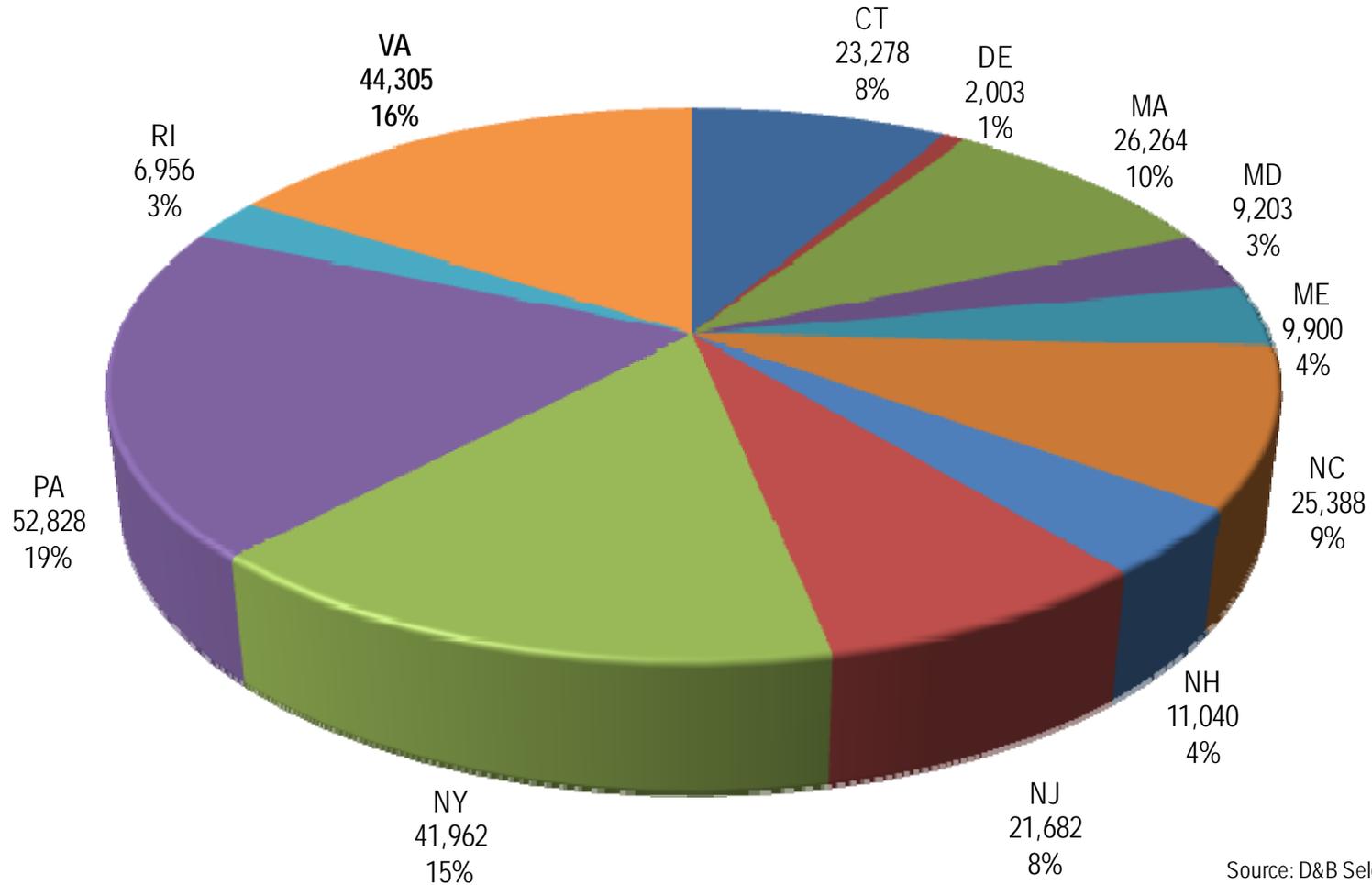
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**POTENTIAL ECONOMIC IMPACT OF THE OFFSHORE WIND  
SUPPLY CHAIN ON VIRGINIA**

**BRIAN KROLL  
VIRGINIA ECONOMIC DEVELOPMENT PARTNERSHIP**

## MID-ATLANTIC REGION

Employment at Potential Offshore Wind Energy Suppliers

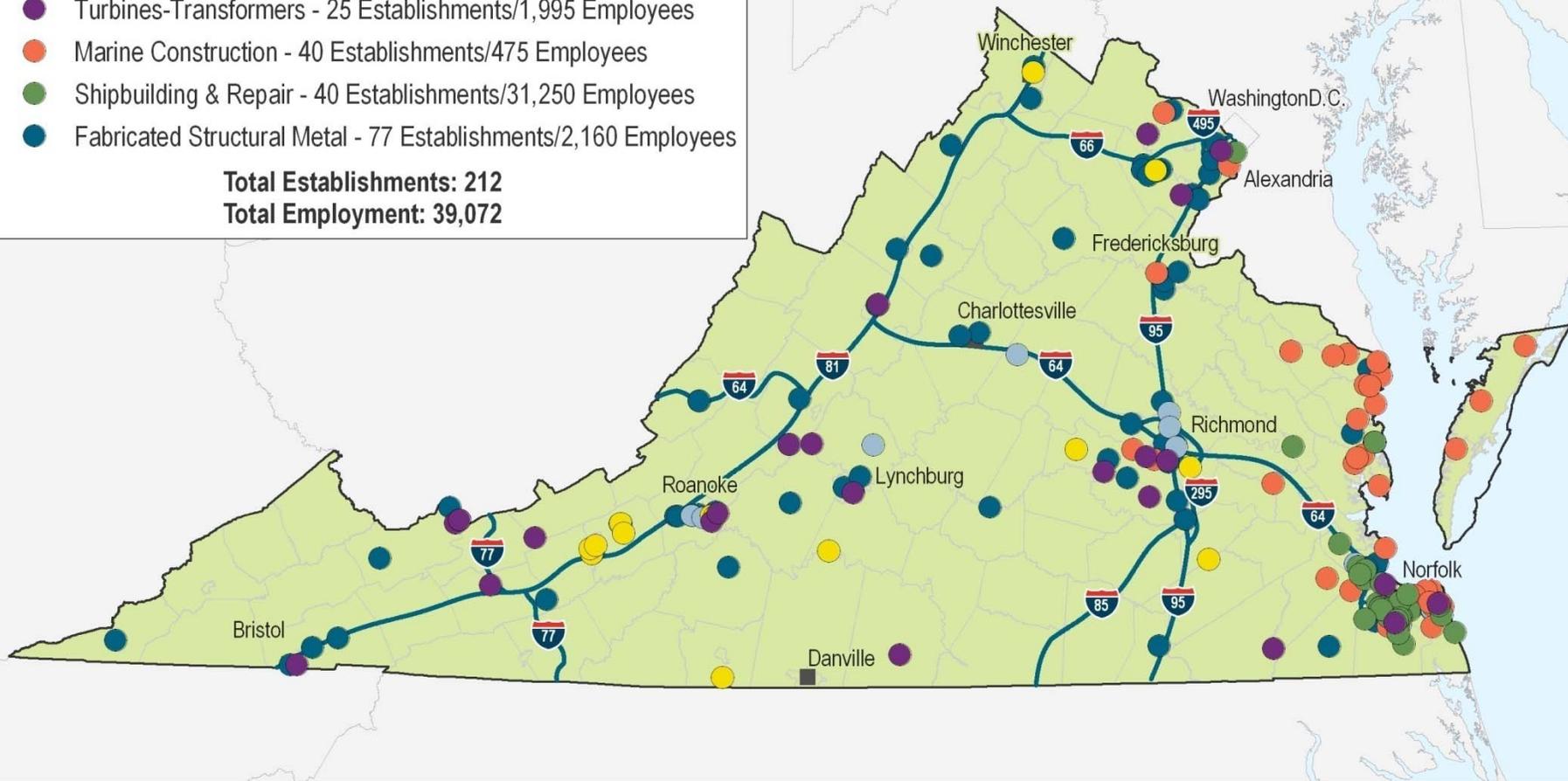


- Virginia has the most workers in the Mid-Atlantic Region for the sectors of Shipbuilding & Repair, Marine Construction, and Transformer Manufacturing
- Virginia has significant numbers of workers in the sectors of Manufacturing of Fabricated Structural Metal, Mechanical Power Transmission Equipment, and Motors & Generators

## Virginia Supply Chain Companies

- Industrial Controls - 14 Establishments/1,387 Employees
- Motors and Generators - 16 Establishments/1,805 Employees
- Turbines-Transformers - 25 Establishments/1,995 Employees
- Marine Construction - 40 Establishments/475 Employees
- Shipbuilding & Repair - 40 Establishments/31,250 Employees
- Fabricated Structural Metal - 77 Establishments/2,160 Employees

**Total Establishments: 212**  
**Total Employment: 39,072**



## Potential Off-Shore Wind Energy Supply Chain Companies in Virginia

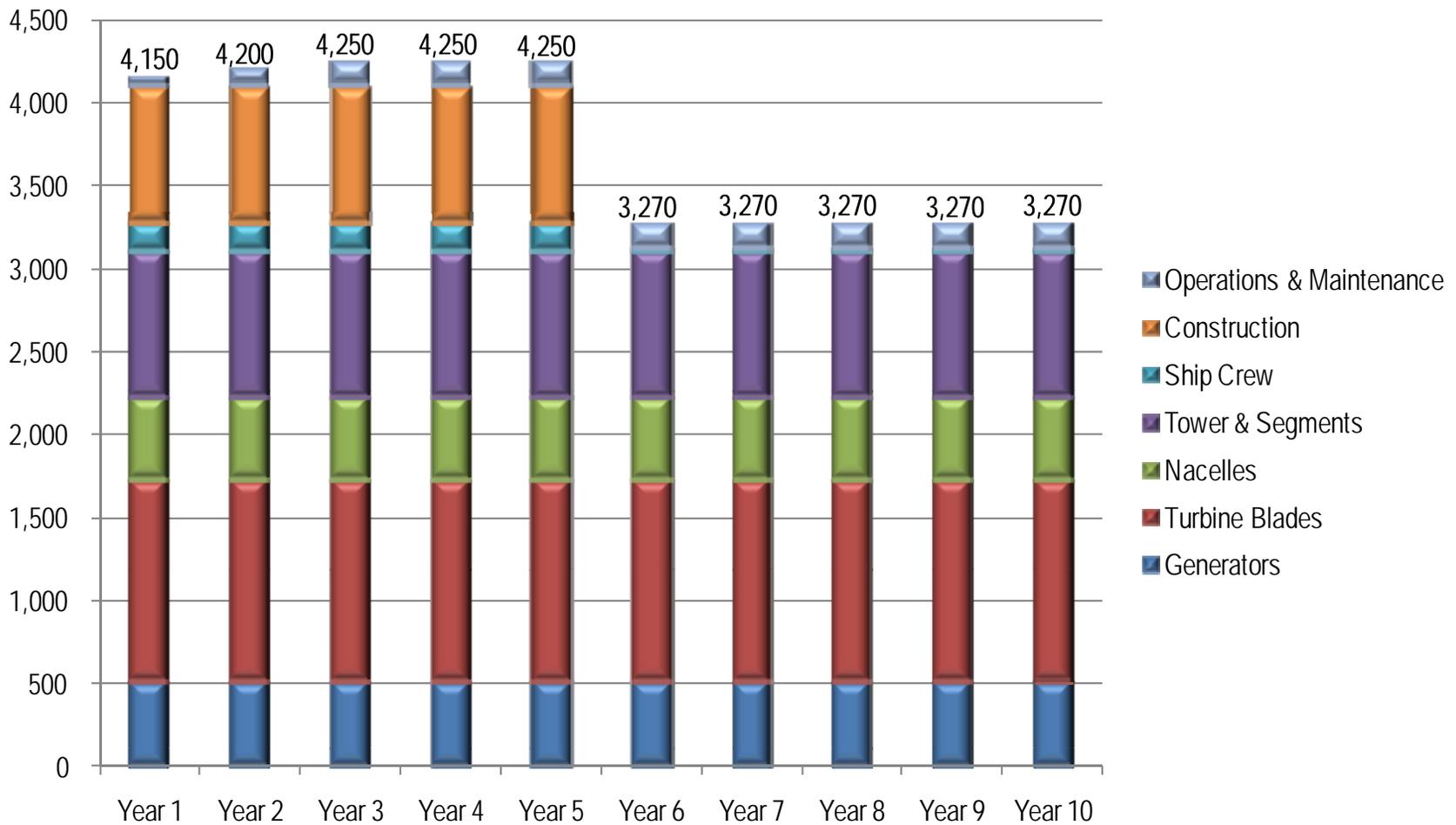


Sources: VEDP 2010, ESRI 2009, VEC 2010, QCEW 2010  
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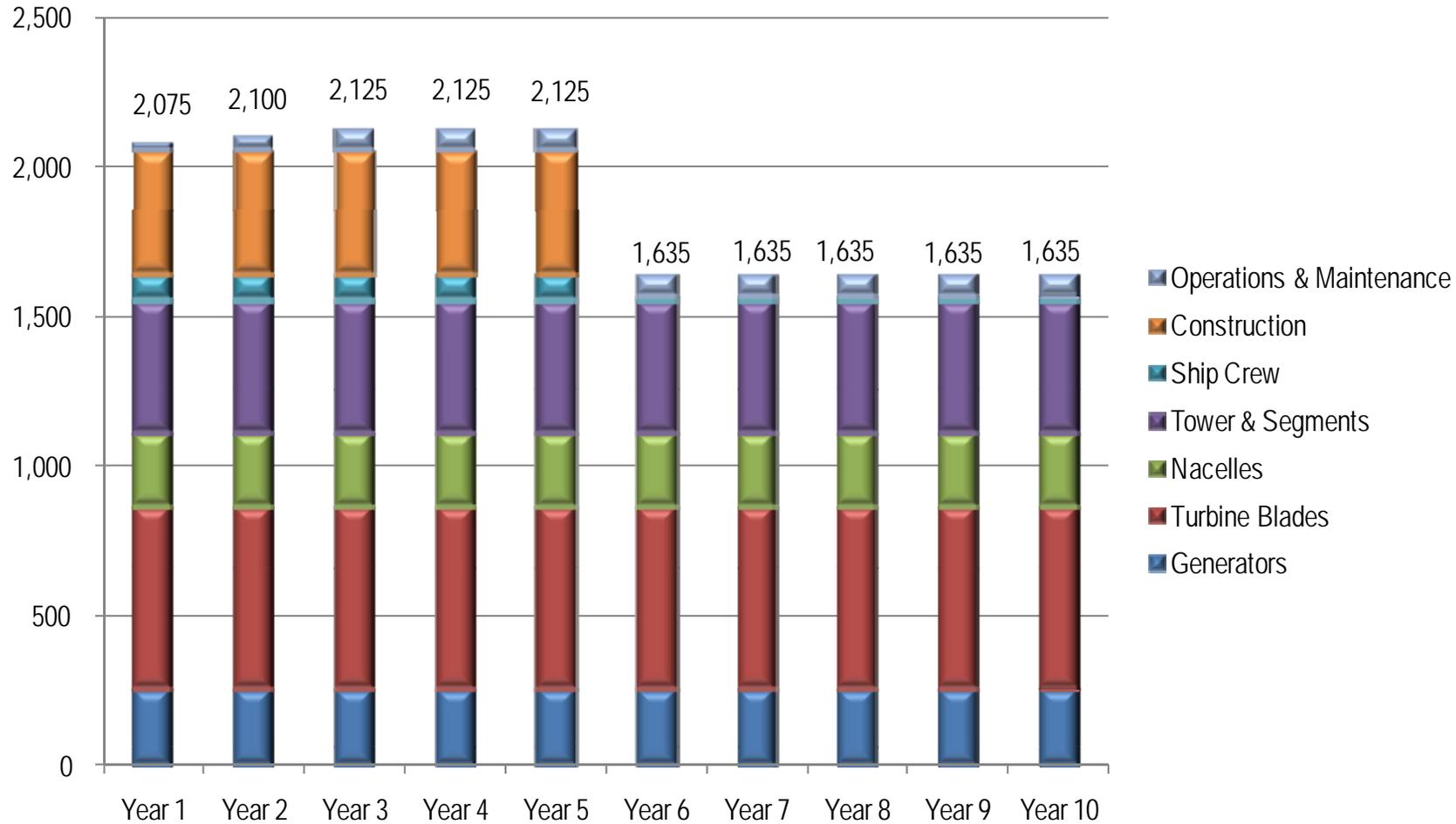


Estimated Direct Employment by Sector - Market Dominance

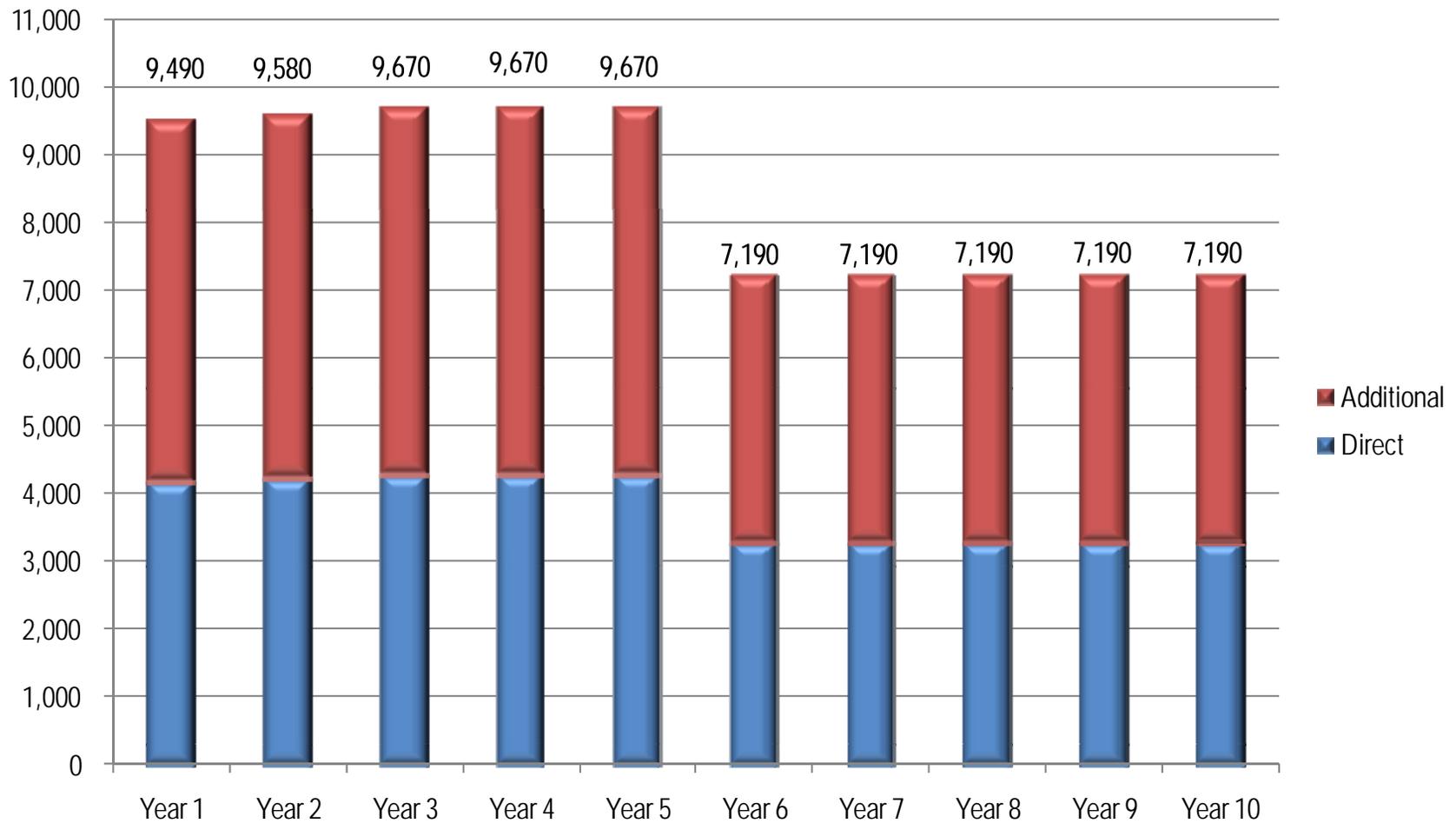




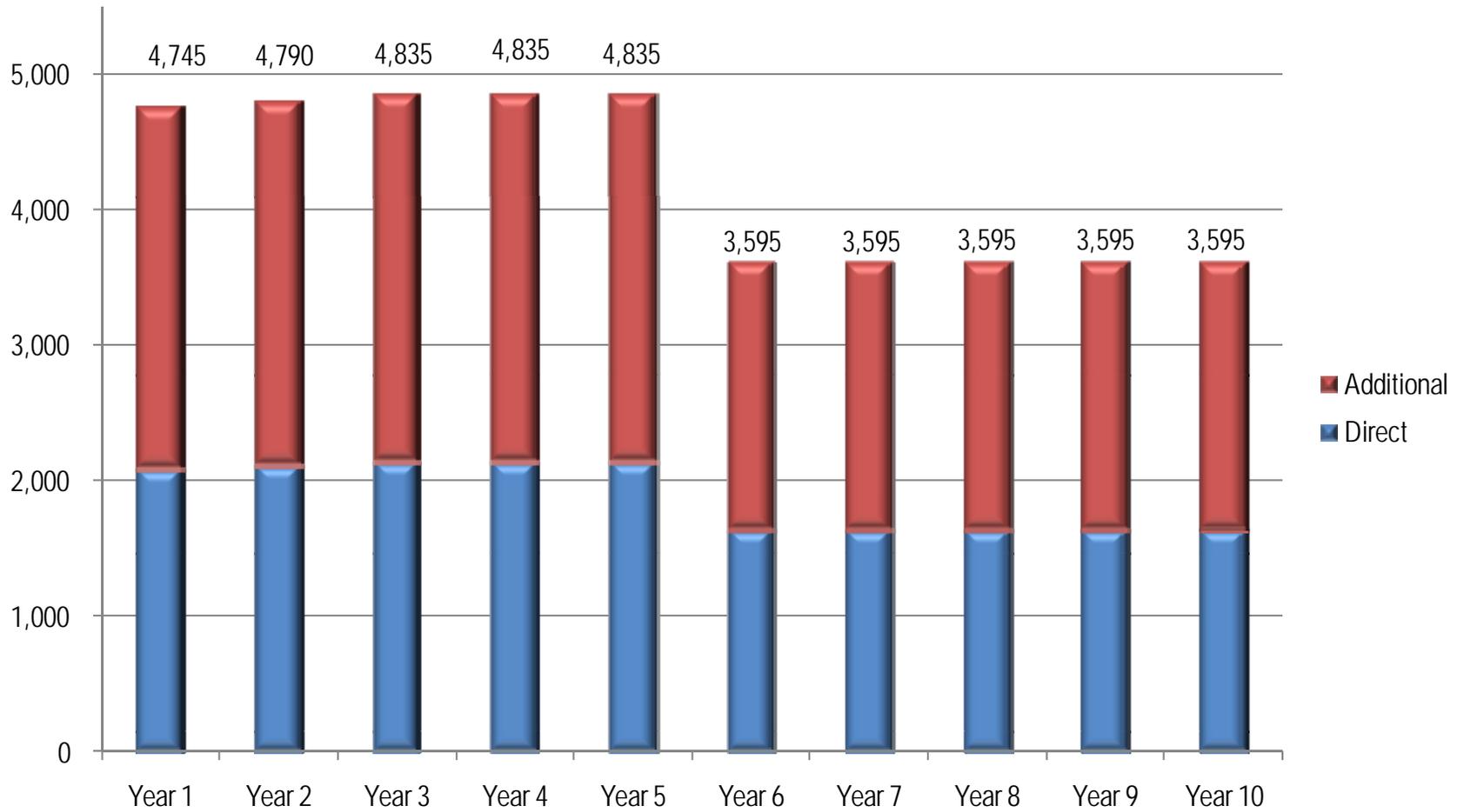
Estimated Direct Employment by Sector - Market Middle



Estimated Total Employment - Market Dominance

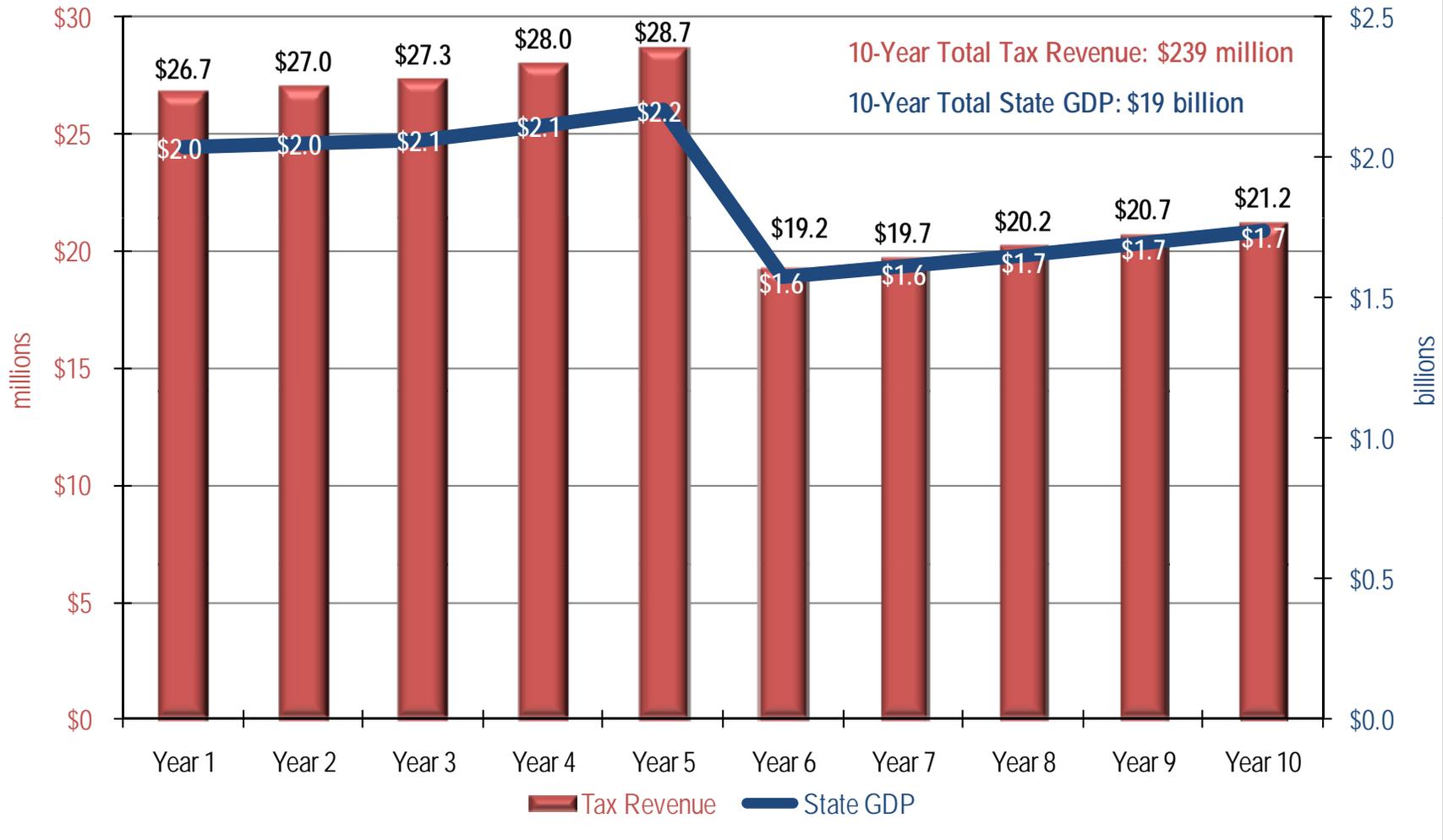


Estimated Total Employment - Market Middle





Estimated State Tax Revenue and GDP - Market Dominance



Estimated State Tax Revenue and GDP - Market Middle

