

# *Financing HFC Technologies*

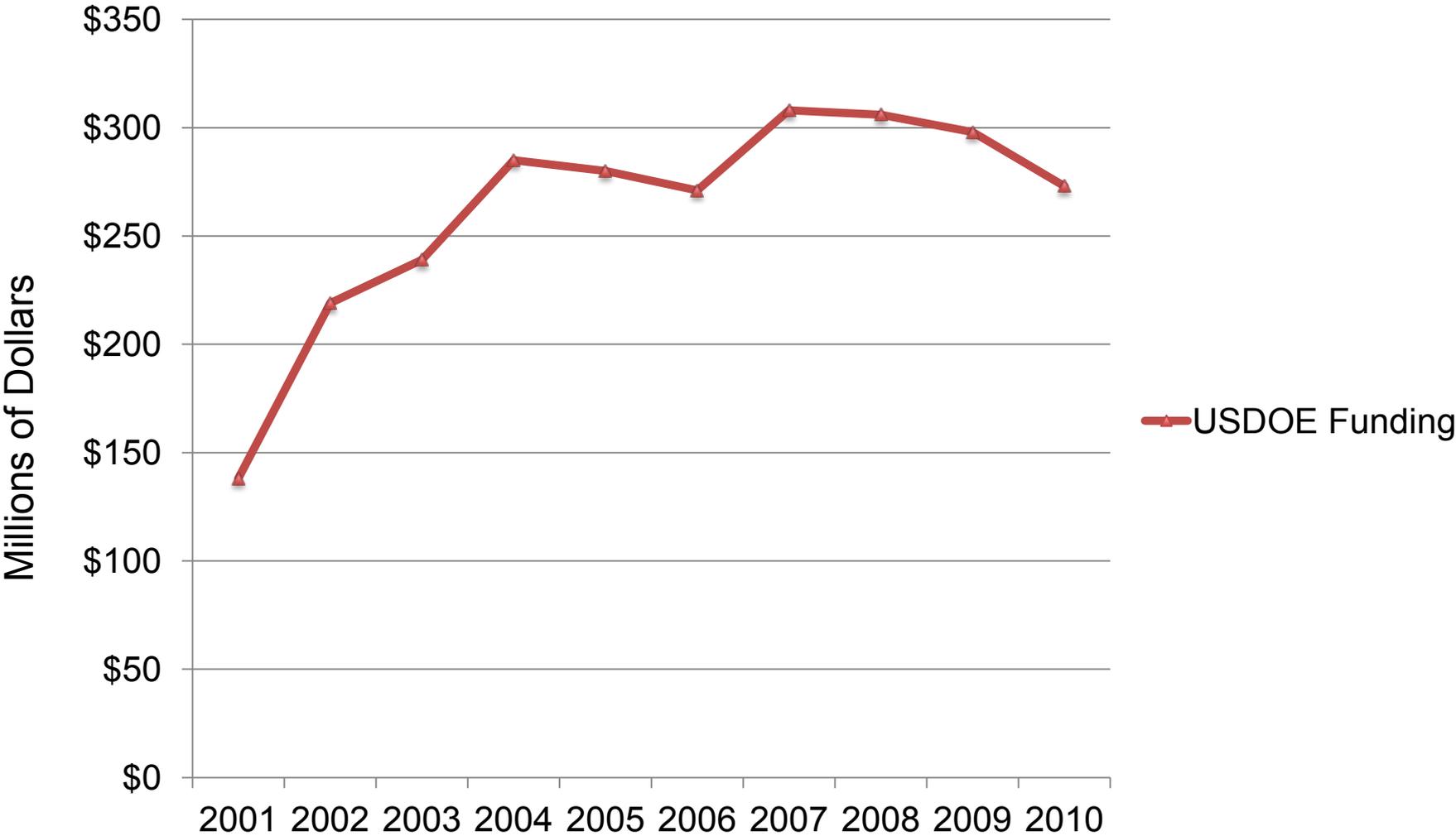
*by*

*Jan van Dokkum*

November 4, 2011

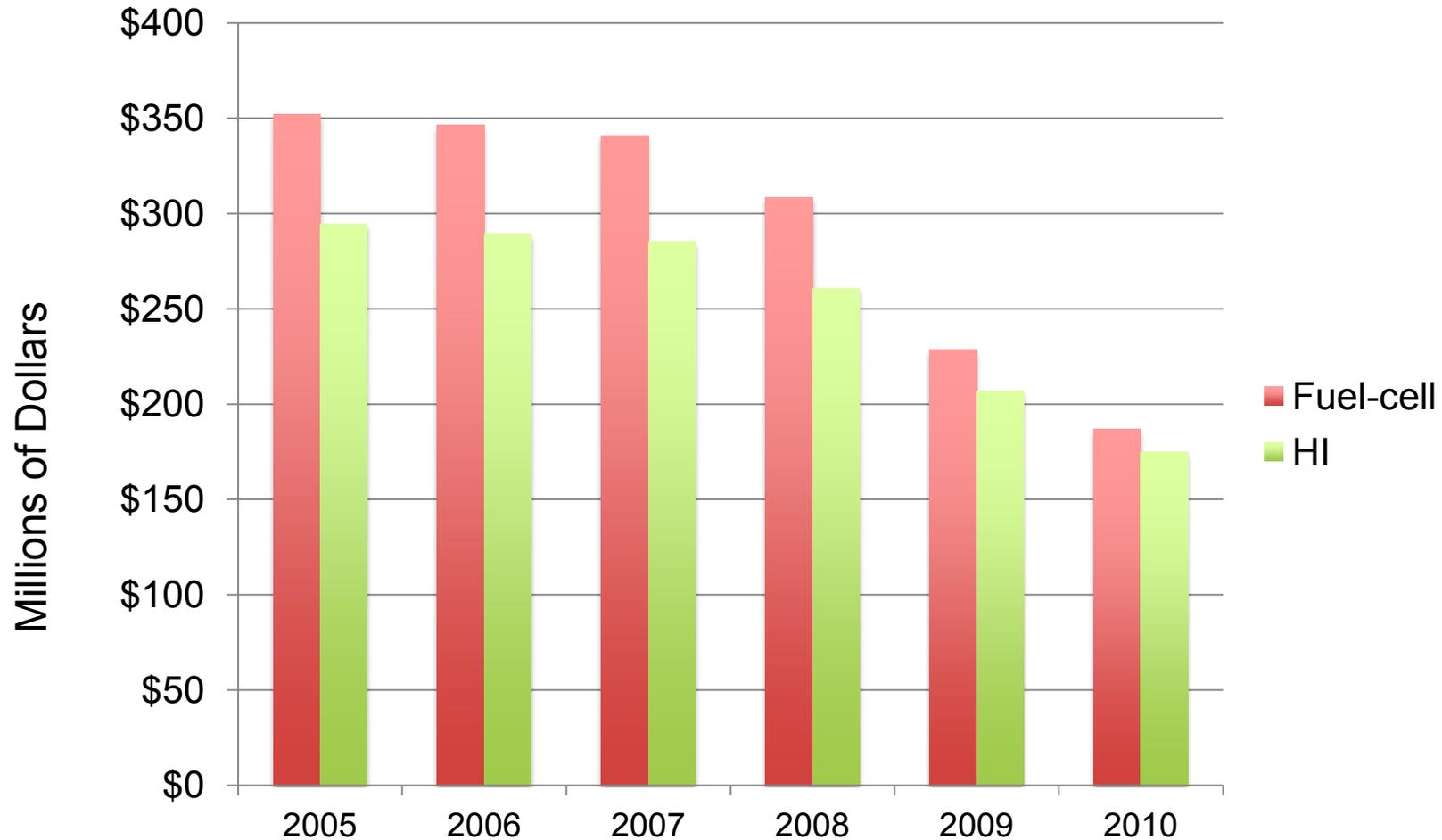
9:00 – 10:30 AM

# USDOE Investment in the Fuel-cell/HI Industries



Source: DOE data obtained from <http://fuelcells.org>

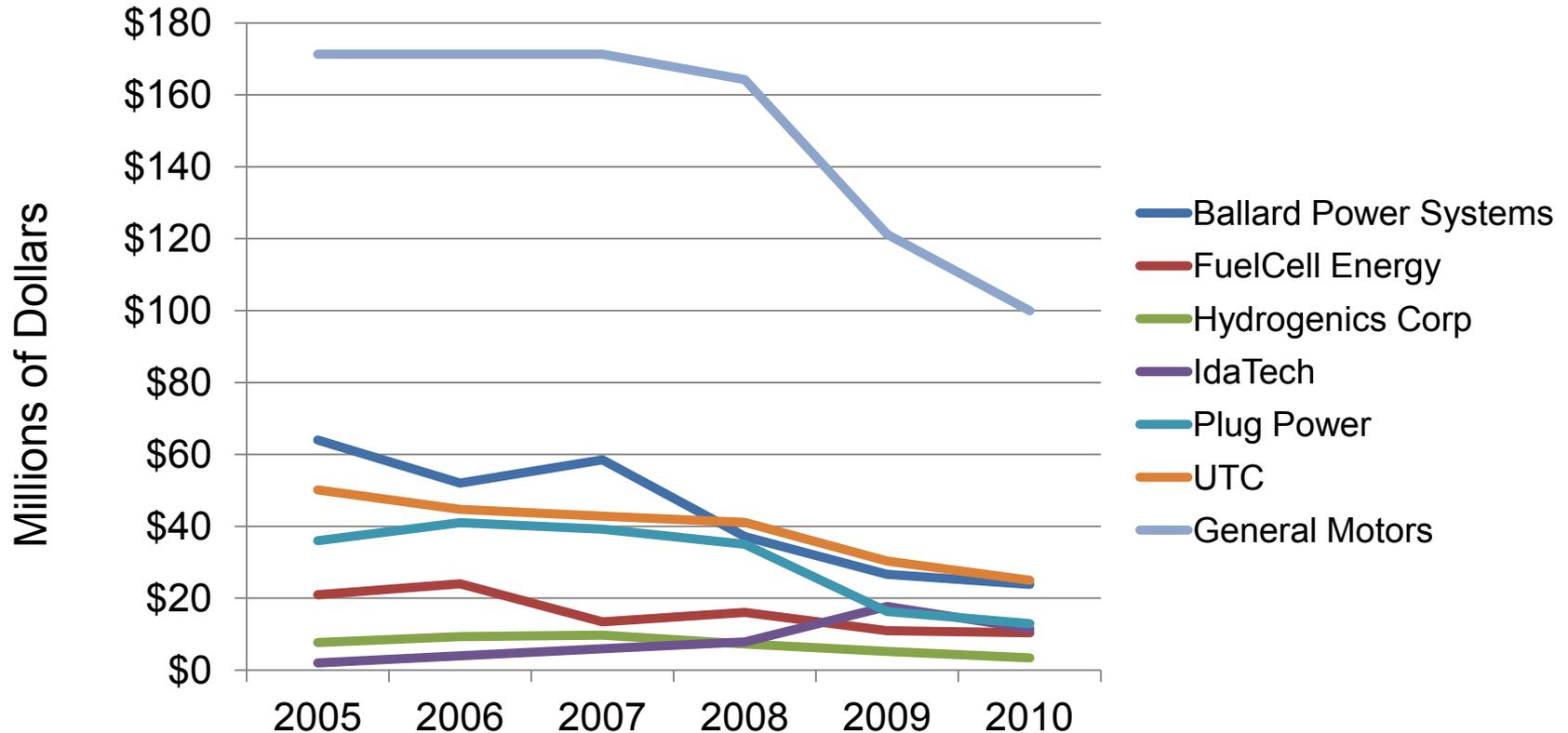
# US Private Sector Spending in Fuel-cell/HI Industries



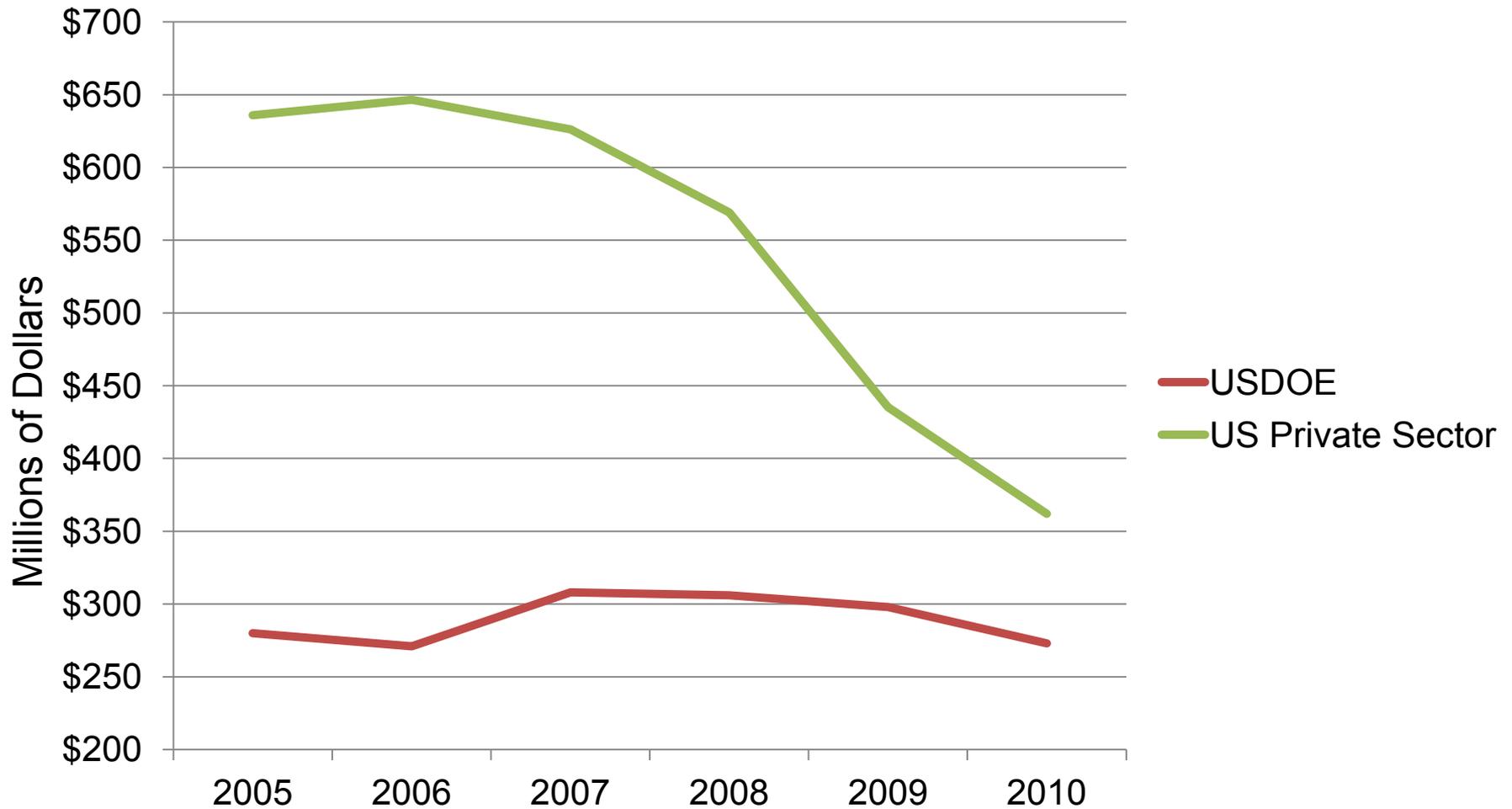
Source: [2011 EERE Fuel-cell report](#); [Industry review by fuel-cell today](#); Annual reports of fuel-cell/HI companies; 2005-2009 HI data is an approximation

# US Fuel-cell Industry R&D Spending

CAGR of -12% from 2005 - 2010



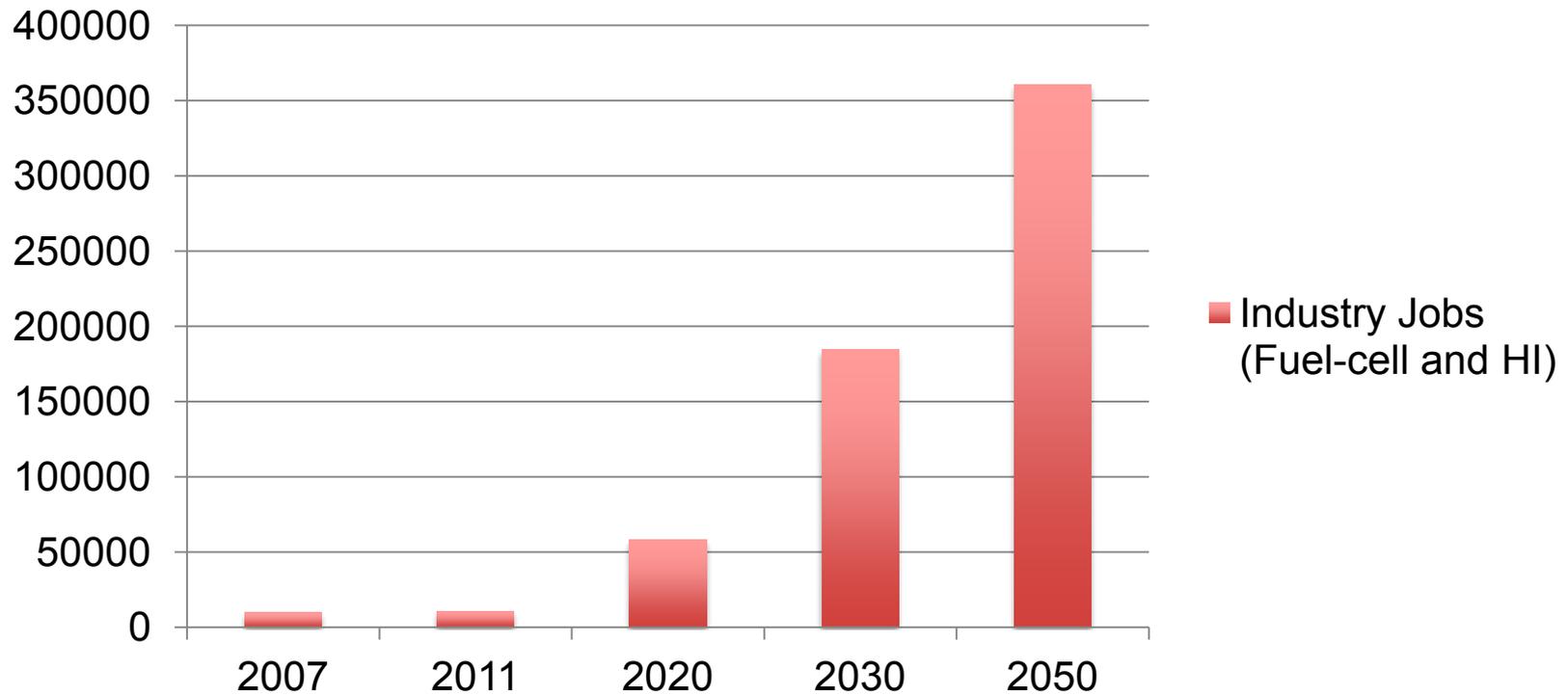
# Correlation Between US Public and Private Spending in Fuel-cell / HI Industries



Source: [2011 EERE Fuel-cell report](#); [Industry review by fuel-cell today](#); Annual reports of fuel-cell/HI companies; 2005-2009 HI Data is approximation

# US Employment Data in Fuel-cell / HI Industries

## Industry Jobs (Fuel-cell and HI) in US



Source: [2008 DOE Study on Job Estimates in Fuel-cell/HI Industries](#):  
Data for 2011 to 2050 is Estimated, 2007 is actual

# Correlation Between USDOE Spending and US IP Filings in the Fuelcell Industry

