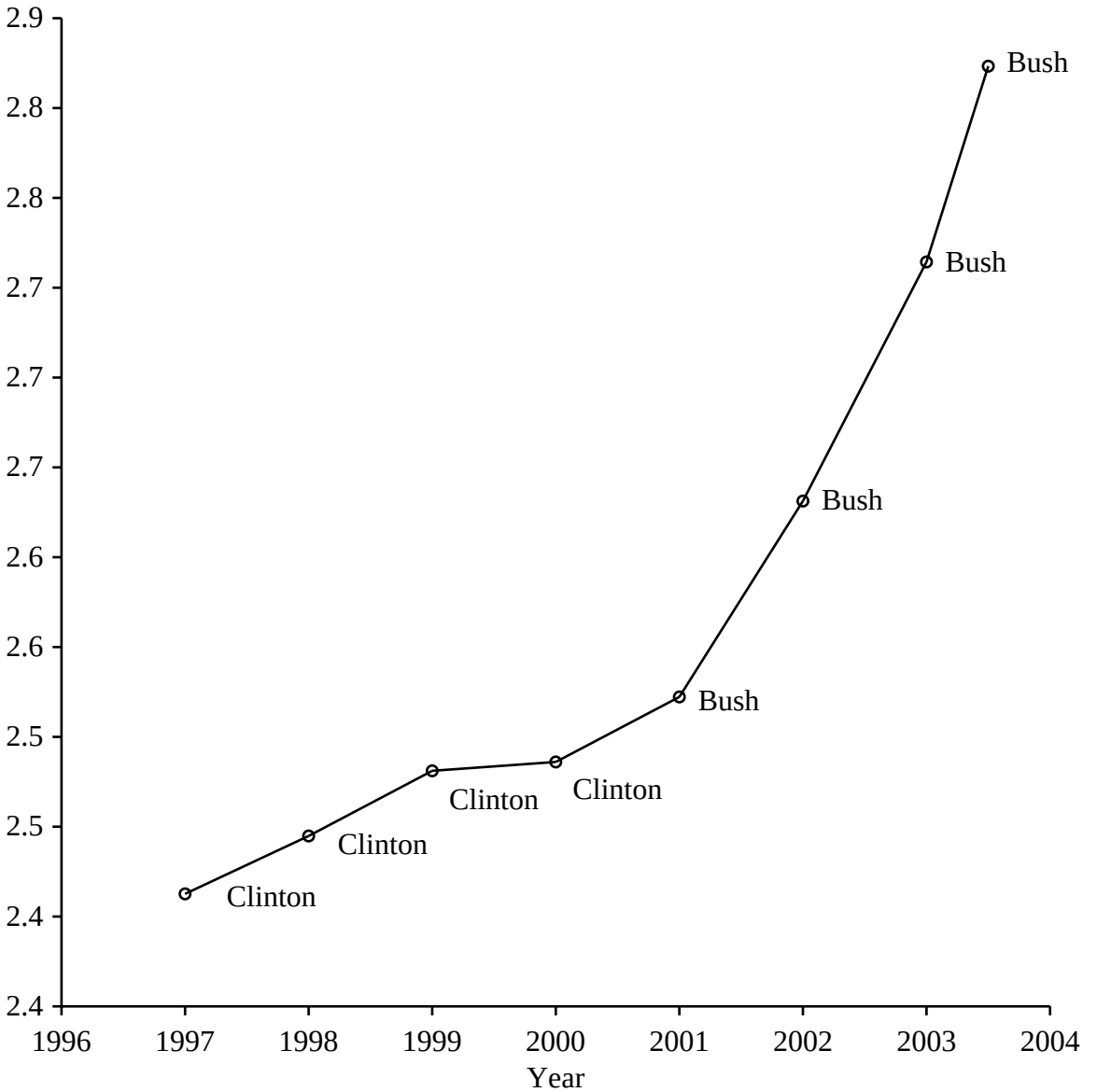log2{Total US Debt ($ trillions) from http://www.publicdebt.treas.gov/opd/opdpdodt.htm}