

APPENDIX B

EXOGENOUS VARIABLE INDEX, "VALLEY" 3-county model

APPLoSANGELES\$ 197601 200701
 OFHEO HPI adjusted to NAR medain price in 2008q1, 000s dollars, Los Angeles
 APPPHX\$ 197801 200701
 OFHEO HPI adjusted to NAR medain price in 2008q1, 000s dollars, Phoenix
 CDMVNA 195901 204001
 Consumer spending on new automobiles
 Source: BEA
 Units: billions of dollars- annual rate
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI CDAUTON Old WEFA CEDMNC
 CNFFREE 195901 204001
 Value of food furnished free and consumed on farms
 Source: BEA
 Units: billions of dollars- annual rate
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI CNFOODFURNAAF Old WEFA CENFOT
 CNFHOMe 195901 204001
 Consumer spending on food for off-premise consumption
 Source: BEA
 Units: billions of dollars- annual rate
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI CNFDOFF Old WEFA CENFOP
 CNFOUT 195901 204001
 Consumer on-premise spending on meals and beverages
 Source: BEA
 Units:billions of dollars- annual rate
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI CNFOODPRCH Old WEFA CENFMB
 CNFOUTR 195901 204001
 Real consumer on-premise spending on meals and beverages
 Source: BEA
 Units: billions of chained 2000 dollars- annual rate
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI CNFOODPRCH96C Old WEFA CENFMB96
 CONS 195901 204001
 Consumer spending on all goods & services
 Source: BEA
 Units: billions of dollars- annual rate
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRICONS Old WEFA CE
 CPI 195901 204001
 Consumer price index, all-urban
 Source: BLS
 Units: - 1982-84=1.00
 Lastupdated: 07/02/08 - 09:20
 Remarks: Old DRI CPI Old WEFA PCIU
 CPICXFAE 195901 204001
 Consumer price index for commodities other than food & energy
 Source: BLS
 Units: - 1982-84=1.00
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI CPIC_FAE Old WEFA PCIUCXFAE
 CP_PROD 196101 204001
 Arizona - Normal Mine Production of Recoverable Copper adjusted for Strikes
 (000 Short Tons)
 Source: E.B.R. Estimates of CP_PROD adjusted for strikes/Replace
 projections with actual annual numbers calculated from monthly totals
 CSV 195901 204001
 Consumer spending on services
 Source: BEA
 Units: billions of dollars- annual rate
 Last updated: 07/02/08 - 09:20

Remarks: Old DRI CS Old WEFACES
 EEA 195901 204001
 Employment--Total Nonfarm Payrolls
 Source: BLS
 Units: millions-
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI EE Old WEFA EE
 EEAP 195901 204001
 Employment--Private Nonfarm
 Source: BLS
 Units: millions-
 Last updated:07/02/08 - 09:20
 Remarks: Old DRI EEXG Old WEFA EEXG
 EEHS62 199001 204001
 Employment--Health Care & Social Assistance
 Source: BLS
 Units: millions-
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI EEE62 Old WEFA EEE62
 EG91 195901 204001
 Employment--Federal
 Source: BLS
 Units: - millions
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI EEGFED Old WEFA EEGFED
 EGSL 195901 204001
 Employment--State & Local Government
 Source: BLS
 Units: - millions
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI EEGSAL Old WEFA EEGSAL
 EINF 195901 204001
 Employment--Information
 Source: BLS
 Units: - millions
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI EEINF Old WEFA EEINF
 EMD334 199001 204001
 Employment--Computer & Electronic Products
 Source: BLS
 Units: - millions
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI EEM334 Old WEFA EEM334
 EMN 195901 204001
 Employment--Nondurable Manufacturing
 Source: BLS
 Units: - millions
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI EEMNON Old WEFA EEMNON
 ETAW 197201 204001
 Employment--Transportation & Warehousing
 Source: BLS
 Units: - millions
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI EETTAW Old WEFA EETTAW
 GFMLCO 195901 204001
 Federal defense consumption exc. for depreciation & personnel
 Source: Global Insight
 Units: billions of dollars- annual rate
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI GFMLCO Old WEFA GCEFDXDEP
 GFMLPAY 195901 204001
 Federal military pay increases
 Source: Global Insight
 Units: percent- annual rate
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI PAYGFML OldWEFA RGCEFDPAY

GSLCWSS 195901 204001
 State & local personnel outlays
 Source: BEA
 Units: billions of dollars- annual rate
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI GSLWSS_FAC Old WEFA GCENPAY

HUSPS 195901 204001
 Housing starts
 Source: Census
 Units: millions- annual rate
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI HUSTS Old WEFA UHS

HUSPS1 195901 204001
 Single-family housing starts
 Source: Census
 Units: millions- annual rate
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI HUSTS1 Old WEFA UHSONE

IPSG335 197201 204001
 Industrial production--Electrical equipment, appliances, and components
 Source: FRB
 Units: - 2002=100
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI IPSG335 Old WEFA IPSG335

IPSG3364 197201 204001
 Industrial production--Aerospace products and parts
 Source: FRB
 Units:- 2002=100
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI IPSG3364 Old WEFA IPSG3364

JPC 195901 204001
 Chained price index--consumer purchases
 Source: BEA
 Units: index- 2000=100
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI PCWC Old WEFA PDCCE

JPCNEGAO 195901 204001
 Chained price index--consumer gasoline & oil
 Source: BEA
 Units: index-2000=100.0
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI PCWCNGAS Old WEFA PDCCENGAS

LIFESRE 197001 204001
 Average tax lifetime of residential structures
 Source: IRS
 Units: - years
 Last updated: 07/01/08 - 23:20
 Remarks: Old DRI LIFEICR Old WEFA TLSRS

M_EMPPV 196401 204001
 Maricopa County - Construction Employment of Palo Verde Nuclear Plant (000)

NP 195901 204001
 Total population, including armed forces overseas
 Units: millions- end of period
 Last updated: 07/01/08 - 23:20
 Remarks: Old DRI N_DW Old WEFA NPADJ

NP65A 195901 204001
 Population aged 65 and over
 Units: millions- end of period
 Last updated: 07/01/08 - 23:20
 Remarks: Old DRI N65A_DW Old WEFA NP65AADJ

P_FIRM37 197501 204001

RTXSIGF 195901 204001
 Effective federal social insurance tax rate on wages & salaries
 Source: Global Insight
 Units: - decimal fraction
 Last updated: 07/01/08 - 23:20

Remarks: Old DRI RTWGF Old WEFA RTXSSP
 RUC 195901 204001
 Civilian unemployment rate
 Source: BLS
 Units: - percent
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI RUC Old WEFA RUNC
 SP500 195901 204001
 S&P 500 index of common stocks
 Source: S&P
 Units: index- not seasonally adjusted
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI JSAP500NS Old WEFA SP500
 TTREND 196001 204001

 UTLB00004 195901 204001
 Factory operating rate. Manufacturing-SIC basis
 Source: FRB
 Units: percent
 Last updated: 07/02/08 - 09:20
 Remarks: Old DRI UTLB00004 Old WEFAUTLB00005
 V_BRH&15 198001 205001
 Birth rate, 3-county, hispanic, age of mother <15
 V_BRH15_19 198001 205001
 Birth rate, 3-county, hispanic, age of mother 15_19
 V_BRH20_24 198001 205001
 Birth rate, 3-county, hispanic, age of mother 20_24
 V_BRH25_29 198001 205001
 Birth rate, 3-county, hispanic, age of mother 25_29
 V_BRH30_34 198001 205001
 Birth rate, 3-county, hispanic, age of mother 30_34
 V_BRH35_39 198001 205001
 Birth rate, 3-county, hispanic, age of mother 35_39
 V_BRH40_44 198001 205001
 Birth rate, 3-county, hispanic, age of mother 40_44
 V_BRH45& 198001 205001
 Birth rate, 3-county, hispanic, age of mother 45&over
 V_BRNH&15 198001 205001
 Birth rate, 3-county, non-hispanic, age of mother <15
 V_BRNH15_19 198001 205001
 Birth rate, 3-county, non-hispanic, age of mother 15_19
 V_BRNH20_24 198001 205001
 Birth rate, 3-county, non-hispanic, age of mother 20_24
 V_BRNH25_29 198001 205001
 Birth rate, 3-county, non-hispanic, age of mother 25_29
 V_BRNH30_34 198001 205001
 Birth rate, 3-county, non-hispanic, age of mother 30_34
 V_BRNH35_39 198001 205001
 Birth rate, 3-county, non-hispanic, age of mother 35_39
 V_BRNH40_44 198001 205001
 Birth rate, 3-county, non-hispanic, age of mother 40_44
 V_BRNH45& 198001 205001
 Birth rate, 3-county, non-hispanic, age of mother 45&over
 V_EMBGOVFMIL 198001 200701
 Valley (3-county megapolitan) - B.E.A. Federal Military Employment (000)
 U.S. Department of Commerce, Bureau of Economic Analysis, Table CA25
 V_ESEDADD 195001 204001

 V_SURVRFH0_4 198001 205001
 Survivorship rate, 3-county, females, hispanic, age 0_4
 V_SURVRFH10_14 198001 205001
 Survivorship rate, 3-county, females, hispanic, age 10_14
 V_SURVRFH15_19 198001 205001
 Survivorship rate, 3-county, females, hispanic, age 15_19
 V_SURVRFH20_24 198001 205001
 Survivorship rate, 3-county, females, hispanic, age 20_24
 V_SURVRFH25_29 198001 205001

Survivorship rate, 3-county, females, hispanic, age 25_29
 V_SURVRFH30_34 198001 205001
 Survivorship rate, 3-county, females, hispanic, age 30_34
 V_SURVRFH35_39 198001 205001
 Survivorship rate, 3-county, females, hispanic, age 35_39
 V_SURVRFH40_44 198001 205001
 Survivorship rate, 3-county, females, hispanic, age 40_44
 V_SURVRFH45_49 198001 205001
 Survivorship rate, 3-county, females, hispanic, age 45_49
 V_SURVRFH50_54 198001 205001
 Survivorship rate, 3-county, females, hispanic, age 50_54
 V_SURVRFH55_59 198001 205001
 Survivorship rate, 3-county, females, hispanic, age 55_59
 V_SURVRFH5_9 198001 205001
 Survivorship rate, 3-county, females, hispanic, age 5_9
 V_SURVRFH60_64 198001 205001
 Survivorship rate, 3-county, females, hispanic, age 60_64
 V_SURVRFH65_69 198001 205001
 Survivorship rate, 3-county, females, hispanic, age 65_69
 V_SURVRFH70_74 198001 205001
 Survivorship rate, 3-county, females, hispanic, age 70_74
 V_SURVRFH75_79 198001 205001
 Survivorship rate, 3-county, females, hispanic, age 75_79
 V_SURVRFH80_84 198001 205001
 Survivorship rate, 3-county, females, hispanic, age 80_84
 V_SURVRFH85& 198001 205001
 Survivorship rate, 3-county, females, hispanic, age 85&
 V_SURVRFNH0_4 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 0_4
 V_SURVRFNH10_14 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 10_14
 V_SURVRFNH15_19 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 15_19
 V_SURVRFNH20_24 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 20_24
 V_SURVRFNH25_29 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 25_29
 V_SURVRFNH30_34 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 30_34
 V_SURVRFNH35_39 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 35_39
 V_SURVRFNH40_44 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 40_44
 V_SURVRFNH45_49 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 45_49
 V_SURVRFNH50_54 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 50_54
 V_SURVRFNH55_59 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 55_59
 V_SURVRFNH5_9 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 5_9
 V_SURVRFNH60_64 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 60_64
 V_SURVRFNH65_69 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 65_69
 V_SURVRFNH70_74 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 70_74
 V_SURVRFNH75_79 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 75_79
 V_SURVRFNH80_84 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 80_84
 V_SURVRFNH85& 198001 205001
 Survivorship rate, 3-county, females, non-hispanic, age 85&
 V_SURVRMH0_4 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 0_4
 V_SURVRMH10_14 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 10_14

V_SURVRMH15_19 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 15_19
 V_SURVRMH20_24 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 20_24
 V_SURVRMH25_29 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 25_29
 V_SURVRMH30_34 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 30_34
 V_SURVRMH35_39 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 35_39
 V_SURVRMH40_44 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 40_44
 V_SURVRMH45_49 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 45_49
 V_SURVRMH50_54 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 50_54
 V_SURVRMH55_59 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 55_59
 V_SURVRMH5_9 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 5_9
 V_SURVRMH60_64 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 60_64
 V_SURVRMH65_69 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 65_69
 V_SURVRMH70_74 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 70_74
 V_SURVRMH75_79 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 75_79
 V_SURVRMH80_84 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 80_84
 V_SURVRMH85& 198001 205001
 Survivorship rate, 3-county, males, hispanic, age 85&
 V_SURVRMNH0_4 198001 205001
 Survivorship rate, 3-county, males, non-hispanic, age 0_4
 V_SURVRMNH10_14 198001 205001
 Survivorship rate, 3-county, males, non-hispanic, age 10_14
 V_SURVRMNH15_19 198001 205001
 Survivorship rate, 3-county, males, non-hispanic, age 15_19
 V_SURVRMNH20_24 198001 205001
 Survivorship rate, 3-county, males, non-hispanic, age 20_24
 V_SURVRMNH25_29 198001 205001
 Survivorship rate, 3-county, males, non-hispanic, age 25_29
 V_SURVRMNH30_34 198001 205001
 Survivorship rate, 3-county, males, non-hispanic, age 30_34
 V_SURVRMNH35_39 198001 205001
 Survivorship rate, 3-county, males, non-hispanic, age 35_39
 V_SURVRMNH40_44 198001 205001
 Survivorship rate, 3-county, males, non-hispanic, age 40_44
 V_SURVRMNH45_49 198001 205001
 Survivorship rate, 3-county, males, non-hispanic, age 45_49
 V_SURVRMNH50_54 198001 205001
 Survivorship rate, 3-county, males, non-hispanic, age 50_54
 V_SURVRMNH55_59 198001 205001
 Survivorship rate, 3-county, males, non-hispanic, age 55_59
 V_SURVRMNH5_9 198001 205001
 Survivorship rate, 3-county, males, non-hispanic, age 5_9
 V_SURVRMNH60_64 198001 205001
 Survivorship rate, 3-county, males, non-hispanic, age 60_64
 V_SURVRMNH65_69 198001 205001
 Survivorship rate, 3-county, males, non-hispanic, age 65_69
 V_SURVRMNH70_74 198001 205001
 Survivorship rate, 3-county, males, non-hispanic, age 70_74
 V_SURVRMNH75_79 198001 205001
 Survivorship rate, 3-county, males, non-hispanic, age 75_79
 V_SURVRMNH80_84 198001 205001
 Survivorship rate, 3-county, males, non-hispanic, age 80_84
 V_SURVRMNH85& 198001 205001

Survivorship rate, 3-county, males, non-hispanic, age 85&
V_YRESADJ 196501 204001
Valley (3-county megapolitan) - Residence Adjustment (\$ millions)
U.S. Dept. of Commerce, Bureau of Economic Analysis, Table CA5

WPI 195901 204001
Producer price index--all commodities
Source: BLS
Units: index- 1982=1.0
Last updated: 07/02/08 - 09:20
Remarks: Old DRI WPI Old WEFA PPI

YP 195901 204001
Personal income
Source: BEA
Units: billions of dollars- annual rate
Last updated: 07/02/08 - 09:20
Remarks: Old DRI YP Old WEFA YP

YPADIV 195901 204001
Dividend payments to individuals
Source: BEA
Units: billions of dollars- annual rate
Last updated: 07/02/08 - 09:20
Remarks: Old DRI DIV_PER Old WEFA YDVPER

YPAINT 195901 204001
Personal interest income
Source: BEA
Units: billions of dollars- annual rate
Last updated: 07/02/08 - 09:20
Remarks: Old DRI YINTPER Old WEFAYIRPER

YPCOMPSUPPAI 195901 204001
Other labor income (fringe benefits)
Source: BEA
Units: billions of dollars- annual rate
Last updated: 07/02/08 - 09:20
Remarks: Old DRI YOL Old WEFA YOL

YPCOMPWSD 195901 204001
Wage & salary disbursements
Source: BEA
Units: billions of dollars- annual rate
Last updated: 07/02/08 - 09:20
Remarks: Old DRI WSD Old WEFA WD

YPCOMPWSDG 195901 204001
Wage & salary disbursements by government
Source: BEA
Units: billions of dollars- annual rate
Last updated: 07/02/08 - 09:20
Remarks: Old DRI WSDG Old WEFA WDG

YPCOMPWSDP 195901 204001
Wage & salary disbursements by the private sector
Source: BEA
Units: billions of dollars- annual rate
Last updated: 07/02/08 - 09:20
Remarks: Old DRI WSDP Old WEFA WDPRI

YPD 195901 204001
Disposable income
Source: BEA
Units: billions of dollars- annual rate
Last updated: 07/02/08 - 09:20
Remarks: Old DRI YD Old WEFA YDP

YPPROPADJF 195901 204001
Farm proprietors income with inventory & capital cons. adjustments
Source: BEA
Units: billions of dollars- annual rate
Last updated: 07/02/08 - 09:20
Remarks: Old DRI YENTAFADJ Old WEFA YF

YPPROPADJNF 195901 204001
Nonfarm proprietors income with inventory & capital cons. adjustments
Source: BEA

Units: billions of dollars- annual rate
Last updated: 07/02/08 - 09:20
Remarks: Old DRI YENTNFADJ Old WEFA YPR
YPRENTADJ 195901 204001
Personal rental income with capital consumption adjustment
Source: BEA
Units: billions of dollars- annual rate
Last updated: 07/02/08 - 09:20
Remarks: Old DRI YRENTADJ Old WEFA YR
YPTRF 195901 204001
All transfer payments to individuals
Source: BEA
Units: billions of dollars- annual rate
Last updated: 07/02/08 - 09:20
Remarks: Old DRI V Old WEFA TRP
Number of objects written 144