

Notation used in courses in macroeconomics

The notation is based on the book *Macroeconomics* by N. Gregory Mankiw. In a few cases where Mankiw doesn't introduce a variable name, the notation follows the book *Macroeconomics* by Nils Gottfries, or other macroeconomic texts.

The variables are generally arranged in groups which appear together. However, when the same variable name is used for different variables, they appear together in order to call attention to this multiple use.

Variable	English name	Swedish name
Y	gross domestic product (GDP)	bruttonationalprodukt (BNP)
C	private consumption	privat konsumtion
C	currency in circulation	utelöpande kontanter (sedlar och mynt)
I	gross investments	bruttoinvesteringar
G	public consumption (government purchases)	offentlig konsumtion
$X, (EX)$	export	export
IM	import	import
NX	net export	nettoexport
T	taxes (net of transfers)	skatter (minus transfereringar)
T	transactions	transaktioner
t	time index	tidsindex
t	marginal tax rate	marginalskatt
Y_d	disposable income	disponibel inkomst
a	autonomous consumption	autonom konsumtion
b, MPC	marginal propensity to consume	marginala konsumtionsbenägenheten
S	national savings	

	nationellt sparande
S_P	private savings privat sparande, hushållssparande
S_G	public savings offentligt sparande
CF	$= S - I$, net capital outflow nettokapitalutflödet
Y^F	net factor income (primary income) from abroad nettofaktorinkomster (primärinkomster) från utlandet
F	production function produktionsfunktion
f	production function in per worker terms produktionsfunktion uttryckt per arbetare
A	total factor productivity in Cobb-Douglas production function total faktorproduktivitet i Cobb-Douglas produktionsfunktion
α	exponent on capital in Cobb-Douglas production function kapitalets exponent i Cobb-Douglas produktionsfunktion
K	capital stock kapitalbestånd
L	labor arbete
L	demand for real money balances efterfrågan på reala penningbalanser
$L, (LF)$	labor force arbetskraften
H	human capital humankapital
MPK	marginal product of capital kapitalets marginalprodukt
MPL	marginal product of labor arbetets marginalprodukt
δ	capital depreciation rate kapitalets förslitningstakt
s	$= S/Y$, savings ratio, savings as a share of GDP sparkvoten, sparande som andel av BNP
s	job separation rate anställningarnas separationstakt
y	$= Y/L$, production per worker, average labor productivity produktion per arbetare, genomsnittlig arbetsproduktivitet
k	$= K/L$, capital stock per worker, capital-labor ratio kapitalbestånd per arbetare
c	$= C/L$, consumption per worker konsumtion per arbetare

n	population growth rate befolkningens ökningstakt
g	labor augmenting technological growth rate arbetskraftsbesparande produktivitetstillväxt
M	monney supply penningmängd
V	velocity of money penningmängdens omloppshastighet
B	monetary base monnetära basen
D	demand deposits banktillgodohavanden på transaktionskonton
m	monney multiplier penningmultiplikatorn
cr	= C/D , currency-deposit ratio kontantkvoten
rr	= R/D , reserve-deposit ratio reservkvoten
P	price level, GDP deflator prisnivå, BNP-deflator
EP, P^e	expected price level förväntad prisnivå
CPI	consumer price index konsumentprisindex (KPI)
π	inflation inflation
$E\pi, \pi^e$	expected inflation förväntad inflation
i	nominal interest rate nominell ränta
i	= I/L , gross investments per worker bruttoinvesteringar per arbetare
r	real interest rate realränta
R	rental cost of capital kapitalets hyreskostnad
R	bank reserves bankreserver
W, w	wage lön
e	nominal exchange rate nominell växelkurs
ε	real exchange rate

	real växelkurs
E	number of employed workers antal sysselsatta
E	efficiency of labor arbetskraftens effektivitet
U	number of unemployed workers antal arbetslösa
u	unemployment rate relativa arbetslöshetsstalet
f	job finding rate anställningstakten
D_U	duration of unemployment arbetslöshetsperiodernas varaktighet
D_E	duration of jobs anställningarnas varaktighet