



User's Manual

START-UP is QUICK and EASY! Simple to use! 20 departments and 120 PLUs Automatic Tax Calculations Calculator function

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CI

Thank you very much for purchasing this CASIO electronic cash register. START-UP is QUICK and EASY!

Part-1 of this User's Manual can help you make a quick start.

Once you have mastered the QUICK START operations, you will undoubtedly want to expand your use of this machine by studying other sections of Part-2.



CASIO Authorized Service Centers

If your CASIO product needs repair, or you wish to purchase replacement parts, please call 1-800-YO-CASIO.

Original Carton/Package

If for any reason, this product is to be returned to the store where purchased, it must be packed in the original carton/package.

Location

Locate the Cash register on a flat, stable surface, away from heaters or areas exposed to direct sunlight, humidity or dust.

Power Supply

Your cash register is designed to operate on standard household current (120 V, 50/60 Hz). Do not overload the outlet by plugging in too many appliances.

Cleaning

Clean the cash register exterior with a soft cloth which has been moistened with a solution of a mild neutral detergent and water, and wrung out. Be sure that the cloth is thoroughly wrung out to avoid damage to the printer.

Never use paint thinner, benzene, or other volatile solvents.

The mains plug on this equipment must be used to disconnect mains power. Please ensure that the socket outlet is installed near the equipment and shall be easily accessible.

INTRODUCTION

Safety precautions

- To use this product safely and correctly, read this manual thoroughly and operate as instructed. After reading this guide, keep it close at hand for easy reference.
 Please keep all informations for future reference.
- · Always observe the warnings and cautions indicated on the product.

About the icons

In this guide various icons are used to highlight safe operation of this product and to prevent injury to the operator and other personnel and also to prevent damage to property and this product. The icons and definitions are given below.

Indicates that there is a risk of severe injury or death if used incorrectly.

Indicates that injury or damage may result if used incorrectly.

Icon examples

To bring attention to risks and possible damage, the following types of icons are used.



The \triangle symbol indicates that it includes some symbol for attracting attention (including warning). In this triangle the actual type of precautions to be taken (electric shock, in this case) is indicated.



The \otimes symbol indicates a prohibited action. In this symbol the actual type of prohibited actions (disassembly, in this case) will be indicated.



The • symbol indicates a restriction. In this symbol the type of actual restriction (removal of the power plug from an outlet, in this case) is indicated.

Warning

Handling the register



Should the register malfunction, start to emit smoke or a strange odor, or otherwise behave abnormally, immediately shut down the power and unplug the AC plug from the power outlet. Continued use creates the danger of fire and electric shock.

Contact CASIO service representative



Do not place containers of liquids near the register and do not allow any foreign matter to get into it. Should water or other foreign matter get into the register, immediately shut down the power and unplug the AC plug from the power outlet. Continued use creates the danger of short circuit, fire and electric shock. • Contact CASIO service representative.



Should you drop the register and damage it, immediately shut down the power and unplug the AC plug from the power outlet. Continued use creates the danger of short circuit, fire and electric shock.

· Attempting to repair the register yourself is extremely dangerous. Contact CASIO service representative.

Never try to take the register apart or modify it in any way. High-voltage components inside the register create the danger of fire and electric shock.

· Contact CASIO service representative for all repair and maintenance.

Power plug and AC outlet



Use only a proper AC electric outlet. Use of an outlet with a different voltage from the rating creates the danger of malfunction, fire, and electric shock. Overloading an electric outlet creates the danger of overheating and fire.

Make sure the power plug is inserted as far as it will go. Loose plugs create the danger of electric shock, overheating, and fire.

Do not use the register if the plug is damaged. Never connect to a power outlet that is loose.



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Basic Components and Accessories



Accessories

Roll paper		1 pc
Mode keys	OP key	1 pc
would keys	PGM key	1 pc
Drawer keys	6	2 pcs
User's manu	Jal	1 pc
Magnetic pla	ate*	1 pc
* Use this plat	e for tacking	the notes

received from customer.

Weld lines

Lines may be visible on the exterior of the product. These are "weld lines" that result from the plastic molding process. They are not cracks or scratches.

GETTING TO KNOW YOUR CASH REGISTER

Getting to know your cash register

Mode Switch





OP key PGM key



Display

erated (E01 displayed) whenever the position of the Mode Switch is changed during registration. The position of the Mode Switch controls the type of operations you can perform on the cash register. The PROGRAM key (marked PGM) can be select any Mode Switch setting, while OPERATOR key (marked OP) can be used to select OFF, REG or CAL only.



OFF

In this position, the power of the cash register is off.

REG (Register)

This is the position used for registration of normal transactions.

RF (Refund)

This is the position used for registration of refunds.

CAL (Calculator)

This is the position used for calculator mode.

PGM (Programming)

This is the position used to program the cash register to suit the needs of your store.

X (Read)

This is the position used to produce reports of daily sales totals without clearing the totals.

Z (Reset)

This is the position used to produce reports of daily sales totals. This setting clears the totals.



1) Department Number Display

Anytime you press a department key to register a unit price, the corresponding department number appears here.

2 PLU Number Display

Anytime you perform a PLU registration, the corre- rent time or date between registration (page 31). sponding PLU number appears here.

③ Number of Repeat Display

Anytime you perform "repeat registration" (page 12), the number of repeats appears here.

Note that only one digit is displayed for the number of repeats.

④ Numeric Display

Entered values (unit prices or quantities) and calculated values (subtotals, totals or change amount due) are displayed here. The capacity of the display is 8 digits.

This part of the display can be used to show the current time or date between registration (page 31).

Е

GETTING TO KNOW YOUR CASH REGISTER

Keyboard



Certain keys have two functions; one for register mode and one for calculator mode. In this manual, we will refer to specific keys as noted below to make the operations as easy to understand as possible:

Register Mode

- ① FEED Feed key
- ② X/700 Multiplication/Split pricing/Date Time key
- ③ Acc Clear key
- (4) Zim Minus/Error Correction key
- 5 PLU PLU (Price Look Up) key
- 6 Percent/Cashier ID No. Assignment key
- ⑦ Tax Program key
- (8) [M/_{Tst}] Received on Account/Tax Status Shift 1 key
- (9) Paid Out/Tax Status Shift 2 key
- 1 Reference Number/Department Shift key
- (1) CHK Check/No Sale key
- 12 Subtotal key
- (1) СН Charge key
- (1) (a/AMT) Cash Amount Tendered key
- (5) (0), (1), ~ (9), (0) Numeric keys and 2-zero key
 (6) Decimal key

Department keys

 Department 6 through 20 are specified by pressing the two respectively as follows:



Calculator Mode

- 3 Acc AC key
- 5 PLU Memory Recall key
- 6 Kiki Percent key
- 1 CHK Drawer Open key
- (4) _____ Equal key
- (5) 0, 1, ~ 9, 00
 - Numeric keys and 2-zero key
- 16 Decimal key
- (1) $(+^{1}), (-^{2}), (\times^{3}), (\div^{4})$

Arithmetic Operation key

Daily Job Flow

Daily Job Flow





QUICK START OPERATION

1. Initialization and Loading Memory Protection Battery

Important

You must initialize the Cash register and install the memory protection batteries before you can program the cash register.



(Figure 1)

To initialize the cash register

- 1. Set the Mode Switch to OFF.
- 2. Load the memory protection batteries.
- 3. Plug the power cord of the cash register into an AC outlet.
- 4. Set the Mode Switch to REG.

To load the memory protection batteries

- 1. Remove the printer cover.
- 2. Open the battery compartment cover.
- 3. Load 3 new SUM-3 ("AA") type batteries into the compartment. Be sure that the plus (+) and minus (-) ends of each battery are facing in the directions indicated by the illustrations inside the battery compartment (Figure 1).
- 4. Replace the memory protection battery compartment cover back into place.
- 5. Replace the printer paper and printer cover.

REPLACE MEMORY PROTECTION BATTERIES AT LEAST ONCE EVERY YEAR.

2. Loading Paper Roll And Replacing The Printer's Ink Roll



1. To load journal paper

① Remove the printer cover by lifting up the back.



- ② Put a roll of journal paper into the holder.
- ③ Cut the leading end of the roll paper with scissors and insert the paper into the inlet.



- ④ Press the EB key until 20 or 30 cm of paper is fed from the printer.
- 5 Roll the paper onto the takeup reel a few turns.



(6) Set the left plate of the takeup reel and place the reel into the register.



- ⑦ Press the rep key to take up any slack in the paper.
- In the second second



2. To remove journal paper

- Remove the printer cover fol- switch the lowing the instructions above. Journal.
- 2 Press the E key until ap-
- proximately 20cm of the per is fed from the printer. ③ Cut off the roll paper.
- 3) Cut off the roll paper



- ④ Remove the take-up reel from the printer and take off the left plate of the reel.
- ⑤ Remove the journal paper from the take-up reel.



⑥ Cut off the paper left in the printer and press the receipt key until the remaining paper is fed out from the printer.



⑦ Remove the core of the paper.

Options: Roll paper – P-5860 Ink Roll – IR-40



⑧ Load new paper following the instructions above, and replace the printer cover.

Default printer setting is for Journal.To print receipts, please refer to 1-7-3 on page 22 to switch the printer for Receipt or Journal.

proximately 20cm of the pa-) To load receipt paper

- To use the printer to print receipts, follow steps 1 through 4 of "To load journal paper".
- Pass the leading end of the receipt paper through the printer cover's paper outlet and replace the printer cover.
 Toar off any occass paper
- ③ Tear off any excess paper.

3. Basic Programming for QUICK START

- Mode Switch -REG. CAL X OFF. CAL X OFF. PGM

Part-1

Procedure				
1. Turn the mode switch to PGM position.		Programming		
 2. When the display shows blinking "0", such a enter current date in Month, Day, Year order. Example: January 8, 2010: enter 0 1 0 Enter 6-digit, last 2 digits for year set. (2010 By pressing c, this procedure returns one 	Setting the current date			
 3. When the display shows blinking "0", such a enter current time in Hour, Minute order. Example: 1:18 PM, enter 1 3 1 8 Enter 4-digit, use 24-hour system. By pressing acc, this procedure returns one If you want to adjust the date/ time, please returns one 	by one. efer to page 31 of this manual.	Setting the current time		
 to page 24 of this manual.) A) Press the key. B) Enter tax rate. (Example: For 6% enter "6", C) Press the appropriate department key. D) Repeat step B) and C) to set other department E) Press the key to end tax programming. Note: In case of setting the wrong tax rate to t department keys above, and quit this protection the beginning of this procedure. 	only. If your tax table has break points, refer 5.75% enter "5.75".) nent key.	Setting the tax rates		

FOR PROGRAMMING ASSISTANCE, PLEASE CALL TOLL FREE 1-800-638-9228





ns Corrections can be made while you are registering the item (before you press a department key), or after it has already been registered into the memory (by pressing a department key).

4-7-1 Before you press a department key

- Example
- 1. Entered 400 for unit price by mistake instead of 100.

key clears the last item entered.



QUICK START OPERATION Part-1

	Operation	Prin	tout	
2. Entered unit price first instead of quantity and then pressed Kime.	200 Unit price Multiplication	02	5 •2•00 •10•00	X @ IX 1
	Clears the last item entered. 5 Quantity Multiplication 2 0 0 Unit price Registered Department 2			
3. Entered 150 for unit price by mistake instead of 105.	Quantity Multiplication 1 5 0 (c) Wrong entry Clears the last item entered.	03	10 • 1•05 • 10•50	X a
	Quantity 1 0 5 Correct entry Registered Department 3			
4-7-2 After you pressed a depart- ment key	key cancels the last registered ite	•m.		
Example 1. Entered unit price 550 by mistake instead of 505 and pressed a department key.	5 5 0 Wrong entry Image: Cancels the last item registered. 5 0 5	01 01	•5•50 -5•50 •5•05	VD
2. Entered unit price 220	Correct entry Registered Department 1		3	X

2. Entered unit price 220 by mistake instead of 230 and pressed a department key.

		3
Quantity Multiplication		•2•20
	02	•6•60 - 6•60
Wrong entry		3
		•2•30
Cancels the last item registered.	02	•6•90
2 3 0 -2		

a

Х

a

TX 1

TX 1

VD 3

Correct entry **Registered Department 2**

5. Daily Management Report

This section tells you the procedures to use to produce reports of the transaction data stored in the cash register's memory.

Important

Remember that when you issue a reset (Z) report, the data that is reported is cleared from the applicable totalizers. To view data without clearing totalizers, issue a read (X) report.



Part-1

* X (Read) report is the same except ^{*1} and ^{*2}.





CONVENIENT OPERATION

- 1. Various Programming
- 1-1 Unit price for **Departments**

Example

Dept.

Example

Example

Status

Dept.



RA/ 1/51 P0/152 CH

X/FOF

СНК

Taxable status 1. 2 and 3

Taxable status 4

Non-taxable status

Mode Switch

ΗE

1-4 Status for Department



1-5 Status for percent key

1-5-1 To change taxable status for the percent key

Example Change Percent key registration as a Nontaxable.

P appears in mode display
Select key from list A (For percent key)
(To end the setting)
Selections
Taxable status 1
Taxable status 2
Taxable status 1 and 2
Taxable status 3
Taxable status 1, 2 and 3
Taxable status 4
Non-taxable status

Taxable status 1 is fixed for the percent key.

E -



1-5-2 Status for percent key

Example	
Round	Up
Percent	%+



3 SUB TOTAL

1-6 Taxable Status for minus key

Example Change minus key registrations Non-taxable status.

Non-taxable	status	is	fixed	for	the	minus	key.
_		_					

1	SUB TOTAL	TAX
	1	

P appears in mode display

Se	elect key from list A (To end the setting)	1inus key		
	Selections			
	Taxable status 1	RA/ T/S1		
	Taxable status 2	P0/1/52		
	Taxable status 1 and 2	RA/T/51 PO/T/52		
	Taxable status 3	СН	Aŀ	
	Taxable status 1, 2 and 3	RA/T/S1 PO/T/S2 CH		
	Taxable status 4	X/FOR DATE		
	Non-taxable status	CHK		

1-7 General features

1-7-1 To set general controls





1-7-3 Printer switch for Receipt or Journal

The printer is fixed as journal after initialized operation.



1-8-2 Unit Prices for PLUs

Example		
PLU No.	1	2
Unit Price	\$1.00	\$3.00





Part-2

• Unit prices within the range of \$0.01~999.99.

1-9 To control Tax Status printing

Example

Print taxable amount and tax amount for Add-in.

ах	3 UTAL P3 appears in mode display P3 appears in mode display 0 3 2 6 UTAL Program set code No. 0 0 0 0 = C/TEND Select a number from list A Select a number from list B Enter "0" (fixed code) UTAL (To end the setting)				
	Selections				
	Print Tax status symbols.		0	Δ	
	Do not print Tax status symbols.		2	A	
		s	electi	ons	
	Print taxable amount.				
	Print taxable amount and tax amount for Add-in.				
	Yes	Yes No	0	D	
	No	Yes No	2	В	



1-10 To program Tax Table

If your tax table is not a flat table (includes break points), find the tax table for your state on pages 37 through 44 of this manual. Follow the procedures below to set the tax tables.

Example 1: Set Alabama state tax 4%.



Note: If your table has break points, set it to this table (tax table 1).

Example 2: Set Colorado state tax 5.25%.





• This sample programming can set only tax rate, but not for a tax break point.

• You can set tax table 3 and 4 by the set code No. 0325 (for table 3) and 0425 (for table 4)

Tax status for the Departments and function keys are fixed as follows:Department 2:Taxable status 1.Departments 1, 3~20:Non-Taxable status.Percent key:Taxable status 1.Minus key:Non-Taxable status.

• See page 17 (department key), 18 (percent key), 19 (minus key) to change the fixed tax status.



Tax Status

Printout	Meaning	Printout	Meaning	Printout	Meaning
00	Non taxable	06	Taxable 1 & 3	12	Taxable 1, 2 & 4
01	Taxable 1	07	Taxable 1 & 4	13	Taxable 1, 3 & 4
02	Taxable 2	08	Taxable 2 & 3	14	Taxable 2, 3 & 4
03	Taxable 3	09	Taxable 2 & 4	15	All taxable
04	Taxable 4	10	Taxable 3 & 4		
05	Taxable 1 & 2	11	Taxable 1, 2 & 3]	





Single-item sale cannot be finalized if an item is registered previously.





2-4 Change the Tax Status



2-5 Manual Tax

	Example				01	•1•00		
[Unit Price	\$1.00	\$2.00	1 0 [%] / _(LK)		•0•10	TX# -	– Manual Tax Symbol
Ī	Quantity	1	1	2 0 0 -2	02	•2•00	tx 1	
	Depts.	1	2			•2•00	TA	
						•0•08	tx 1	
						•3•18	CA	

key is programmed to function as a Manual Tax key (see page 19).

2-6 PLU operation

(Programming: See page 23)

Example

PLU No.	1	2			
Unit Price	\$1.00	\$2.00			
Quantity	2	4			
Link Dept. No.	2	2			
Cash Amount	¢-1/	10			
tendered	510	0.40			



			PLU No.
	001	•1•00	
	001	•1•00	111 + Repeat
		4	\times + Multiplication Symbol
		•2•00	a + Preset Unit Price
_	002	•8•00	TX 1
IMT		•10•00	TA
		•0•40	TX 1
		•10•40	CA + Cash Amount Tendered

2-7 PLU Single-Item Sale





(Programming: See page 22)

Example

Check

PLU No.	1
Status	Single item sale
Unit Price	\$1.00
Quantity	1

\$36.20

• For this example, linked department 1 is programmed for a single-item-sale.

• Single-item sale cannot be finalized if an item is registered previously.





2-10 Cashier Assignment

(Programming: See page 20)

 Mode Switch — In any mode
 REG, RF, CAL,
 X or Z,
 except PGM

Cashier assignment system is used to control each cashier (or clerk) sales total. When you select this function on page 20, you can get 8 cashiers (or clerk) sales data.

Cashier assignment must be performed prior to starting registration or any other operation, except Program mode.



- •Currently assigned cashier (or clerk) ID number is printed on the receipt or journal for each transaction.
- •The assigned clerk memory number is automatically signed off when the mode key is set to OFF position.
- •The assigned cashier (or clerk) sales totals with ID number are printed on the receipt or journal when you perform daily X/Z sales report.



Part-2





___E 33

Part-2



1-3 Setting for calculator operation



*Drawer does not open during registration procedures even if you press $\left[= \frac{C_{1}/MN}{2} \right]$ or $\left[\frac{C_{1}}{MN} \right]$ by turning the mode switch to CAL position.





USEFUL INFORMATION

1. Troubleshooting

	Symptom/Problem	Most common causes	Solutions
1	E01 appears on the display.		Return mode switch to where it stops buzz- ing and press $\left[= \frac{CA/AMT}{TEND} \right]$.
2	E08 appears on the display.	Sign on operation is not performed.	Prior to starting registration of any other operation, press $1 \sim 8$ and then $\chi_{\rm KM}$.
3	E94 appears on the display.	Printer paper is jammed.	Remove jammed paper. Turn Mode switch to OFF then turn to ON, or Turn power OFF and then turn power ON.
4	No date on receipt. Paper is not advancing enough.	Printer is programmed as a journal.	Program printer to print receipts.
		Department is programmed as a single item dept.	Program the dept. as a normal dept.
	Not clearing totals at end of day after taking report.	Using X mode to take out reports.	Use Z mode to take out reports.
7	Programming is lost whenever register is unplugged or there is a power outage.	Bad or no batteries.	Put in new batteries and program again.
8	Register is inoperative. Can't get money out of drawer.	No power.	Pull lever underneath register at rear.

Note: If you cannot resolve your difficulty, please feel free to call your dealer or 1-800-638-9228.

2. Specifications

INPUT METHOD

Entry: 10-key system; Buffer memory 8 keys (2-key roll over)

Display (LED): Amount 8 digits (zero suppression); Department/PLU No.; No. of repeats

PRINTER

Journal:	14 digits (Amount 10 digits, Symbol 3 digits)
(or Receipt)	Automatic paper roll winding (journal)
Paper roll:	58 mm $ imes$ 80 mm \emptyset (Max.)

CALCULATIONS

Entry 8 digits; Registration 7 digits; Total 8 digits

CALCULATOR FUNCTION

8 digits; Arithmetic calculations; Percent calculations

Memory protection batteries:

The effective service life of the memory protection batteries 3 (UM-3, or R6P (SUM-3) type batteries) is approximately one year from installation into the machine.

Power source/Powe	r consumption: See the rating plate.
Operating temperat	ure: 32°F to 104°F (0°C to 40°C)
Humidity:	10 to 90%
Dimensions:	7 3/8"(H)×13"(W)×14 3/16"(D) with S drawer
	(188 mm(H)×330 mm(W)×360 mm(D))
Weight:	9 lbs (4 kg) with S drawer

Specifications and design are subject to change without notice.

Tax Tables for USA

Α

		1	ALAB/	AMA							ALASK/	4					ARIZONA		
4%	5%	6%	6%	6%	7%	8%		HOMER/ KENAI,SEWARD									4%	5%	
				(4+1+1)			KENAI		SELDOVIA	HAINES	JUNEAU	KE	NAI	& SOLDOTNA					
0	0	0	0	0	0	0	2%	3%	3%	4%	4%	5	%	5%	6	%	0	0	
1	1	1	1	1	1	1							•			•	1	1	
1	1	1	1	1	1	1	0	0	0	0	0	0	177	0	6	159	1	5	
10	10	8	9	10	7	6	1	1	1	1	1	1	184	1	2	179	12	10	
30	29	24	20	20	21	18	1	4	4	2	1	6	218	1	29	199	37	27	
54	49	41	40	36	35	31	25	34	25	19	12	13		9	29	219		47	
73	69	58	55	54	49	43	75	49	34	37	37	25		29	49	239		68	
110	89		70	70	64	56		83	75	62		46		49	69	259		89	
	110		90	85	78	68		116	127			75		69	89	259		109	
			109	110	92	81		150	155			79		89	109	279			
					107	93		183	177			118		109	109	300			
						106		216	227			127			129				
												151			159				
													J			J			

															С							
			ARI	ZONA	4					AR	KANS	AS		CALIFORNIA								
6	%	6.5	5%	6.	7%	6.8%	7%	3%	4%	5%	6%	6.8%	7%	7.5%								
								0	0	0	0	0	0	0								
0	175	0 161 0 156 6.8 0				1	1	1	1	1	1	1	6	%	6.25%		6.5%		6.75%			
1	191	1	176	1	171	5002	1	1	1	1	1	2	1	2		•			•	•		
9		7	192	7	186		1	14	12	10	8	6	7	6	0	141	0	0	130	299	6.75	
10		7	207	7	201		7	44	37	20	24	19	21	19	1	158	1	1	146		5002	
22		23	223	22	216		21	74		40	41	33	35	33	7		7	7	161		0	
39		38	238	37	231		35	114		60	58	46	49	46	10		10	10	176		10	
56		53	253	52	246		49			80			64		22		21	20	192		20	
73		69	269	67	261		64			110			78		39		37	35	207		34	
90		84	284	82	276		78						92		56		54	51	223		48	
107		99	299	97	291		92						107		73		70	67	238		64	
125		115		111			107								90		86	83	253		80	
141		130		126											108		103	99	269		96	
158		146		141											124		119	115	284		111	
														∟								

	CALIFORNIA														COLORADO									
	LOS ANGELS																							
	10%						1.5%	2%	2.5%	3%	3.5%	3.	6%	3.85%	4%									
	7%		7.2	5%	7.25%	7.5%	7.75%	8.25%	8.	5%	PAR	KING							V					
	V	•		•						•			0	0	0	0	0	0	264	0	0			
0	121	278	7.25	117	7.25	0	7.75	8.25	0	99	0	99	1	1	1	1	1	1	291	1	1			
1	135	292	5002	131	5002	1	5002	5002	1	111	1	99	1	1	1	3	2	5	319	2	2			
8	149	307	0			3			1	123	11	104	33	24	19	17	17	17	347	16	17			
10	164		10			6			5	135	99	114	99	74	59	49	42	41	375	37	37			
20	178		20			19			17	147	99	124	166			83	71	69		63	62			
33	192		32			33			29	158	99	134	233			116	99	97						
47	207		46			46			41	170	99	144				149	128	124						
62	221		60			59			52	182	99	154				183	157	152						
76	235		74			73			64	194	99						185	180						
91	249		88						76	205	99						214	208						
107	267		103						88		99	99					242	236						
]																	

Part-4

										CC)LOR/	AD0										
			LOVELAND																			
4.	5%	5%	5%	5.25%	5.5	5%	5.6	5%	5.7	5%	6%	6.1%	6.35%	6.4%	6.45%	6.	5%	6.6%	7	%	7.01%	7.1%
								V		•							•			•		
0	211	0	0	5.25	0	172	0	168	0	165	0	6.1	6.35	6.4	6.45	0	146	6.6	0	135	7.01	7.1
1	233	1	1	5002	1	190	1	186	1	182	1	5002	5002	5002	5002	1	161	5002	1	149	5002	5002
5	255	2	1		6	209	7	204	8	199	2	0		0	0	2	176		4		17	
17	277	17	18		17	227	16	222	17	217	17	17		17	17	17	192		17		21	
33	299	29	18		27	245	25	240	26		24					23	207		21		35	
55		49	51		45	263	43		43		41					38	223		35		49	
77			68		63	281	61		60		58					53			49		64	
99			84		81	299	79		78		74					69			64			
122			118		99		97		95							84			78			
144					118		115		113							99			92			
166					136		132		130							115			107			
188					154		150		147							130			121			
L																			L			

													D							F			
		CO	LOR/	ADO				C	ONNE	ECTIC	UT			DIST	RICT	OF CO	DLUM	BIA			FLO	RIDA	
							5.2	5%	6%	7%	7.5%	8%	D.C.	D.C.	D.C.	D.C.	D.C.	D.	.C.				
7.	2%	7.25%	7.3	3%	7.5%	8%		•					5%	5.75%	6%	6%	8%	9	%				
				•			0	198	0	0	0	0											
0	131	7.25	0	130	0	0	1	218	1	1	1	1	0	5.75	0	0	0	0	105	4	%	5%	5.25%
1	145	5002	1	143	1	1	2		2	1	3	1	1	5002	1	1	1	1	116				
2	159		3	157	3	1	16		8	7	6	6	1	0	1	1	1	6	127	0	175	0	5.25
17	173		6	171	17	6	27		24	21	19	18	10	8	12	8	12	6	138	1	209	1	5002
20	187		20		19	18	46		41	35	33	31	22		17	24	16	16	149	5		1	
34	201		34		33	31	65		58	49	46		42		35	41	27	27	161	9		9	
48	215		47		46	43	84		74	64	56		62		53	58	39	38		25		20	
62	229		61		59	56	103		91	78	73		82		71	74	50	49		50		40	
76	243		75		73	68	122		108	92			110		89	91	62	61		75		60	
90	256		89			81	141		124	107					112	108	75	72		109		80	
104			102			93	160										90	83		125		109	
118			116			106	179										112	94		150			
]]				l

								G					Н	I						
			FLO	rida					G	EORG	IA		HAWAII			I	DAHC)		
		PAN	ANA					3%	4%	5%	6%	7%	4%	3%	4%	4.	5%	5%	6	%
		Old Multi Old Multi <t< td=""><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td>•</td></t<>										0	0							•
		BE/	ACH					1	1	1	1	1	1	0	0	0	227	0	0	170
6%	6.2%	6.5	5%	7	%	7.	5%	1	1	1	1	1	1	1	1	1		1	1	
								10	10	10	10	7	12	1	2	2		2	2	
0	6.2	0	107	0	109	0	93	35	25	20	20	21	37	15	11	15		11	11	
1	5002	1	123	1		1	106	66	50	40	35	35		42	32	27		25	20	
1		1	138	1		1	120	110	75	60	50	49		72	57	49		45	37	
9		9	153	9		9	133		110	80	67	64		115		71			53	
16		15	169	14		13	146			110	85	78				93			70	
33		30	184	28		26	160				110	92				115			87	
50		46	209	42		40	173					107				137			103	
66		61		57		53	186									160			120	
83		76		71		66	209									183			137	
109		92		85		80										205			153	
]]]			

E

						ILLI	NOIS									11	NDIAN	Α			10	NA
1%	1.25%	2%	5%	6%	6.25%	6.5	5%	6.75%	7%	7.5%	7.75%	8%	8.75%				MARION	RESTAU-			4%	5%
							•										County	RANT			0	0
0	0	0	0	0	0	0	161	6.75	0	0	7.75	0	8.75	1%	4%	5%	5%	6%	7	%	1	1
1	1	1	1	1	1	1	176	5002	1	1	5002	1	5002								3	1
1	1	1	6	1	1	1	192		1	1	0	1	0	0	0	0	0	0	0	121	12	9
49	39	24	12	8	7	7	207		8	6	6	6	5	1	1	1	1	1	1	135	37	29
148	119	74	25	24	23	23			22	19		18		1	2	1	2	1	7	149	50	
			46	41		38			36	33		31		49	15	9	15	9	7	164	75	
			67	58		53			50	46				148	37	29	37	29	20	178		
			88			69			65						62		49	49	35	193		
			109			84			79								62	49	49			
			129			99			93								87	69	64			
						115			108								112	89	78			
						130											137	109	92			
						146													107			
							J															

	Κ																							
IOWA											K	ANSA	S											
6%	2.5%	3%	3.1%	3.2	5%	3.5%	3.7	′5%	4%	4.1%	4.5%	5%	5.25%	5.	5%	5.65%	5.9%	6%	6.15%	6.4%	6.5%	9.	5%	
0															•									
1	0	0	3.1	0	323	0	0	279	0	4.1	0	0	5.25	0	190	5.65	5.9	0	6.15	6.4	6.5	0	110	
1	1	1	5002	1	353	1	1	306	1	5002	1	1	5002	1	209	5002	5002	1	5002	5002	5002	1	121	
8	1	1	0	1	384	1	1	333	1	0	1	1		1		0	0	7	0	0	0	1	131	P
24	19	16	16	15	415	14	13	359	12	12	11	9		9		8	8	8	8	7	7	5	142	Part-4
41	59	49		46		42	39	386	37		33	29		27				24				15	152	4
58	99	83		76		71	66	413	62		55			45				41				26	163	
74	139	116		107		99	93		87		77			63				58				36	173	
91	179			138		128	119		112		99			81				74				47	184	
108				169		157	146				122			99				91				57	194	
				199		185	173				144			118				108				68		
				230			199				166			136				124				78		
				261			226				188			154				141				89		
				292			253				211			172				158				99		
								J																

			L												М						
KANSAS	KENT	UCKY					L	OUIS	IANA							MAINE			MAF	RYLAND	
10%	5%	6%	2%	3%	4%	4.5%	5%	6%	6	%	7%	7.5%	8%	9%	5%	6%	7%			Meals Tax	
	0	0													0	0	7	4%	5%	5%	6%
0	1	1	0	0	0	0	0	0	0	161	0	0	0	0	1	1	2	0	0	0	0
1	6	2	1	1 1 1 1				1	1	176	1	1	1	1	1	1	0	1	1	1	1
1	10	8	2	2	2	1	6	2	17	192	1	2	7	1	10	9	7	2	2	7	3
4	25	24	24	16	12	11	10	8	7	207	7	6	4	5	20	16	21	24	19	99	19
14	46	41	74	49	37	33	27	24	23	223	21	19	16	16	40	33	35	25	20	99	20
24	67	58	124	82	62	55	47	41	38	238	35	33	29	27	60	50	49	50	40	99	33
34	88	74	174	116	87	77	67	58	53	253	49	46	42	38	80	66	64			99	50
44	109		224	149	112	99	87	74	69	269	64	59	55	49	110	83	78			99	66
54	129					122	109		84	284			67	61		109	92			100	83
64						144	129		99	299			80	72			100			120	100
74						166			115	315			93	83						140	116
84						188			130	330			106	94							
94						211			146					105							
									L]											

MAS	SACHU	SETTS	MIC	IIGAN			MINN	ESOT	A				Ν	ISSIS	SIPP					MISSO	DURI	
4.6	25%	5%	4%	6%	6%	6.	5%	7%	8.	5%	5%	6%	7%	8%	8.	5%	9%	9.25%	4.225%	4.6%	4.62	25%
			0	0						•												•
0	227	0	1	1	0	0	161	0	0	123	0	0	0	0	0	123	0	9.25	0	0	0	227
1	248	1	7	2	1	1	176	1	1	135	1	1	1	1	1	135	1	5002	1	1	1	248
13	270	1	12	10	1	1	192	1	1	147	6	1	1	1	1	147	1	0	1	1	13	270
10	291	9	31	24	8	7	207	7	5	158	11	8	7	6	5	158	5	5	11	10	10	291
32	313	29	54	41	24	23		21	17	170	26	24	21	18	17	170	16		35	32	32	313
54	335		81	58	41	38		35	29	182	47	41	35	31	29	182	27		59	54	54	335
75	356		108	74	58	53		49	41	194	68	58	49	43	41	194	38		82	76	75	356
97	378		135	91		69		64	52	205	88	74	64	56	52	205	49			97	97	378
118	399		162	108		84		78	64		109	91	78	68	64		61				118	399
140	421		187	124		99		92	76		129	105	92	81	76		72				140	421
162	443					115		107	88				107	93	88		83				162	443
183						130			99					106	99		94				183	
205						146			111						111		105				205	
]]					L	J]

											MISS	SOURI												
4.725%	4.75%	4.8%	4.9	75%	5.05%	5.1%	5.225%	5.	6%	5.625%	5.725%	6.1%	6.22	25%	6.3	3%	6.4	25%	6.4	75%	6.5	5%	6.725%	7.225%
									•					•		V								
0	0	0	0	211	0	0	5.225	0	187	0	5.725	0	0	168	0	166	0	163	0	162	0	160	6.725	7.225
1	1	1	1		1	1	5002	1	205	1	5002	1	1	184	1	182	1	178	1	177	1	175	5002	5002
4	3	3	1		5	1		15	223	1		1	2	200	8	198	1	194	13	193	9	190		
10	10	10	10		9	9		8	241	8		8	8	216	7	214	7	210	7	208	7			
31	22	31	30		19	29		26	258	26		24	24	232	23	230	23	225	23	223	22			
52	43	52	50		39	49		44	276	44		40	40	248	39	246	38	241	38	239	38			
74	65	72	70		59	68		62	294	62		57	56	265	55		54	256	54	254	53			
95	86	93	90		79	88		80	312	79		73	72		71		70	272	69	270	68			
116	107	114	110		98	107		98	330	97		90	88		87		85	287	84	285	83			
137	128	135	130		118			115	348	115			104		103		101		100	301	99			
158	149	156	150		138			133	366	133			120		119		116		115	316	114			
179	170	177	170		158			151	383	151			136		134		132		131	332	129			
201			190		178			160		168			152		150		147		146		145			
]				

Ν																					
				NEE	BRASI	٢A									N	EVAD	A				
3%	3.5%	4%	4.	5%	5%	5.5	5%	6%	6.5	3%	3.	5%	5.75%	6%	6.2	5%	6.	5%	6.75%	7%	
				•			•					¥				•		•			
0	0	0	0	233	0	0	190	0	0	161	0	0	299	5.75	0	0	167	0	161	6.75	0
1	1	1	1	255	1	1	209	1	1	176	1	1	326	5002	1	1	183	1	176	5002	1
3	3	2	6	277	2	2	227	1	1	192	2	6	357		2	2	199	1	192	0	1
16	14	14	14	299	14	14		8	7	207	14	14			8	7	215	7	207	7	7
49	42	37	33	322	29	27		24	23		49	38			24	23		23		22	21
83	71	62	55		49	45		41	38		83	64			41	39		38		37	35
116	99		77			63		58	53		116	88			58	55		53			49
149	128		99			81			69		149	118			74	71		69			64
183	157		122			99			84			157				87		84			78
	185		144			118			99			185				103		99			92
	214		166			136			115			214				119		115			107
	242		188			154			130			242				135		130			
	271		211			172			146			271				151		146			
]			J]				

	NE	EW HA	MPSH	lire		NEW	JERS	SEY							N	EW ME	XICO					
		Rooms	& Meals	Rooms & Meals	3%	3.5%	6%	7	%	3.7	'5%	4.2	5%	4.3	75%	4.5%	4.875%	5.175%	5.2	5%	5.375%	5.575%
7	%	7	%	8%																		
			V		0	0	0	0	150	0	280	0	247	0	239	0	4.875	5.175	0	199	5.375	5.575
0	129	0			1	1	1	1	164	1	306	1	270	1		1	5002	5002	1	217	5002	5002
1	143	1	1 142 1		1	1	1	8	178	6	333	1	294	4		1			11			
8	158	8	157	4	17	14	10	10	192	13	359	11	317	11		11			9			
14	172	35	171	35	41	42	22	21	207	40		35	341	34		33			28			
26	186	35	185	35	71	71	38	35		67		58	364	57		55			47			
39	201	38	200	35	117	100	56	50		93		82	388	79		78			66			
51		50		37		128	72	64		120		105	411	102		100			85			
63		62		50		157	88	78		146		129		125		122			104			
75		74		62		185	110	92		173		152		148		144			123			
88		87				214		107		200		176		171		167			142			
101		100						121		226		199		194		189			161			
115		114						135		253		223		217		211			180			
]								J		J]									

NEV	V MEX	ICO										NEV	/ YOF	RK									
5.75%	6.187%	6.1875%																		SUF	FOLK		
																		EF	RIE	Со	unty		
5.75	0	6.187	4%	5%	5.25%	5.75%	6	%	6.25%	6.	5%	6.75%	7	%	7.25%	7.	5%	8	%	8	%	8.25%	8.5%
5002	1	5002						V			•			V							•		
	4	0	0	0	5.25	5.75	0	141	0	0	130	6.75	0	121	7.25	0	113	0	105	0	106	8.25	8.5
	9	8	1	1	5002	5002	1	158	1	1	146	5002	1	135	5002	1	126	1	119	1	118	5002	5002
	23		5	6			7		7	1	161		8	149		8	139	10	131	9	131		
	40		12	10			10		10	7	176		10	164		10		10	144	10			
	56		33	27			22		22	23	192		20	178		18		17		17			
	72		58	47			38		38	38	207		33	192		31		29		29			
	88		83	67			56		54	53			47	207		45		42		42			
	104		112	87			72		70	69			62			58		55		54			
	120		137	109			88		86	84			76			71		67		67			
	136			129			108		103	99			91			85		80		79			
	153						124		119	115			107			99		92		92			
																	J		J				

				нсл	ROLINA									H DA	KOTA						OF	110	
			ioni	II CA	CHEROKEE				3%	4%	4%	5%	-	5%	6%	6.	5%	7%	8%	<u> </u>		110	
					Reservations									•									
3%	4%	4.5	5%	5%	6%	6%	6.	5%	0	0	0	0	0	182	0	0	170	0	0	5%	5.5	5%	5.75%
			V					V	1	1	1	1	1	200	1	1	185	1	1				
0	0	0	188	0	0	0	0	130	3	5	2	2	2	219	3	2	200	2	3	0	0	146	5.75
1	1	1	211	1	1	1	1	146	15	15	15	15	15		15	15	216	15	15	1	1	164	5002
4	5	6	233	6	2	2	1	161	33	31	25	20	19		17	31	231	15	15	2	2	182	
9	9	9	255	8	10	8	7	179	67	51	50	40	37		34	47		29	25	15	15	200	
35	29	25	277	23	24	24	22	192	100	71	75		55		50	62		43	38	20	18	218	
70	59	53	299	48	41	41	38	207	133	100	100		73		67	77		58	50	40	36		
116	84	75	322	67	58	58	53		166	125	125		91		84	93		72	63		54		
149	112	95		85	74	74	69		200				110			108		86	75		72		
183	137	122		109		91	84						128			124		100	88		90		
216		144		129		108	99						146			139		115	100		109		
		166				124	115						164			154					127		
									1														

						Oł	10											0	KLAHO	DMA				
	ME	IGS								CUYA	HOGA			2%	3%	3.2	25%	4%	4.25%	4.5%	5%	5.25%	6%	6.25%
	C	0.								C	ю.													
6%	6	%	6.25%	6.	5%	6.7	5%	7	%	7	%	7.35%	7.75%	0	0	0	323	0	4.25	0	0	5.25	0	0
		•					T		V					1	1	1	353	1	5002	1	1	5002	1	1
0	0	134	0	0	123	0	118	0	115	0	115	0	7.75	1	1	7	384	1		2	1		1	1
1	1		1	1	138	1	133	1	128	1	128	1	5002	24	16	15	415	12		11	9		8	7
2	3		2	3	153	3	148	3		3		3		74	49	46	446	37		33	29		24	23
15	16		15	15	169	15	162	15		15		15			83	76	476			55			41	
17	17		16	15	184	15	177	15		15		15			116	107	507			77			58	
34	34		32	30	200	29	192	28		28		27				138	538			99				
50	50			46	215	44		42		42		41				169	569			121				
67	67			61	230	59		57		57		55				199	599			144				
83	83			76		74		71		71		68				230								
100	100			92		88		85		85		82				261								
117	117			107		103		100		100		96				292								
									J															

								Ρ			R			S							
			OKLA	номи	4			PENN	ISYLV	ANIA	ROHI	DE ISL	AND.	SOU	тн си	ROLINA		SOUT	H DA	KOTA	
6.725%	7%	7.25%	7.375%	8%	8.25%	9.25%	10.25%	6%	7	%	6%	7	%			CHARESTON	4%	5%	5.	5%	6%
														4%	5%	6%					
6.725	0	7.25	7.375	0	0	0	0	0	0	150	0	0	149	0	0	0	0	0	0	190	0
5002	1	5002	5002	1	1	1	1	1	1	150	1	1	164	1	1	1	1	1	1	210	1
	6		0	1	1	4	1	1	5	167	6	5	178	5	6	2	1	1	1		1
	8		6	6	6	5	4	10	10	184	9	7	192	10	10	10	12	10	10		9
	22			18	18	16	14	17	17	210	26	21	207	25	20	24	37	30	28		26
	37			31	30	27	24	34	34	217	42	35	221	50	40	41			46		43
	51				42	37	34	50	50	234	57	49	235	75	60	41			64		60
	65				54	48	43	67	50	250	73	64	249	112	80	58			82		76
	79				66	59		84	67	250	90	78	264	137	109	74			100		92
	94				78	70		110	84		106	92			129	91			118		109
	108				90	81			110		123	107				108			136		
	122				103	91			117		140	121				124			154		
									134			135							172		
										J]]	

				Т																				
SO	UTH	DAK	DTA										TE	NNES	SEE									
6.	5%	7	%														COL	INTY						
																	T/	λX						
0	161	0	149	4.	5%		5.5%		6%	6.25%	6.	5%	6.7	'5%	7	%	7.2	5%	7.5%	7.75%	8%	8	%	8.25%
1	176	1					•	•				•		•		•		V					V	
1	192	4		0	188	0	154	354	0	0	0	130	0	125	0	121	0	117	0	7.75	0	0	106	8.25
7	207	7		1	211	1	172	372	1	1	1	146	1	140	1		1	130	1	5002	1	1	118	5002
23		21		1		11	190	390	2	2	2	161	8	155	2		10	144	2		2	2		
38		35		11		10	209		10	10	10	176	10	170	10		10	158	10		10	10		
53		49		33		27	227		24	23	23	192	22	185	21		20	172	19		18	18		
69		64		55		45	245		41	39	38	207	37	199	35		34	185	33		31	31		
84		78		77		63	263		58	55	53	223	51	214	49		48		46		43	43		
99		92		99		81	281		74	71	69		66	229	64		61		59			56		
115		107		122		99	299			87	84		81	244	78		75					68		
130		121		144		119	318				99		96	259	92		89					81		
146		135		166		136	336				115		111	274	107		103					93		
]			J]								

TE	NNES	SEE											TEXA	s									
8.	5%	8.75%	4%	4%		1.125%	/-	4.625%	5%	5.125%	5.0	5%	5.375%	5.6	5%	5.62	05%	6%	DALLAS 6%	HOUSTON (Harris County) 6%	6.125%	6.2	5º/.
0	99	8.75	4 /0	4 /0	-	F. TZJ /	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	4.02J/0	J /0	J. 12J /0	J.2	.5 /0	3.073/0	0.0	_	5.02		0 /0	0 /0	0 /0	0.123/0	0.2	J/0
1 2 10 17 29	99 111 123 135 147 158	8.75 5002	0 1 1 12 37	0 1 1 12 37	0 1 1 12 36	 ▼ 181 206 230 254 278 	♦ 424	4.625 5002	0 1 1 9 29	5.125 5002	0 1 12 9 28	 ▼ 142 161 180 199 209 	5.375 5002	0 1 1 9 27	 ↓ 137 155 173 191 209 	0 1 1 8 26	♥ 133 151 168	0 1 1 8 24	0 1 1 9 25	0 1 1 8 24	6.125 5002	0 1 1 7 23	♥ 119
41	170		37	62	60	303			29 49		47	209		45	209	20 44		24 41	42	41		23 39	
52	182			87	84	327			69		66			63		62		58	59	58		55	
64	194				109	351					85			81		79				74		71	
76	205				133	375					104			99		97				91		87	
88 	217				157 ∟	399					123 			118 		115 ∟				108		103	

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										U													
				TE)	(AS											U	ITAH						
										4.7	'5%	5%	5.2	5%	5.375%	5.5	5%	5.75%	5.875%	6%	6.125%	6.25%	7%
											V			¥									
										0	221	0	0	199	0	0	190	5.75	5.875	0	6.125	0	0
6.25%	6.75%	79	%	7.25%	7.5%	7.7	'5%	8%	8.25%	1	242	1	1	219	1	1	209	5002	5002	1	5002	1	1
			V							1	263	1	1	238	1	1			0	2	0	4	2
6.25	6.75	0	107	7.25	0	0	96	0	8.25	10	284	9	9	257	9	9			8	8	8	7	7
5002	5002	1		5002	1	1	109	1	5002	31	305	29	28	276	27	27				24		23	21
		1			1	5	122	1		52	326		47	295	46	45				41		27	35
		7			6	6	135	6		73	347		66	314	65	63				58		47	49
		21			19	19	148	18		94	368		85	333	83	81				74		63	64
		35			33	32	161	31		115	389		104	352	102	99							78
		49			46	45	174			136	410		123	371		118							92
		64			59	58	187			157			142	390		136							107
		78			73	70				178			161	409		154							
		92			86	83				199			180			172							
]				J]			J						

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UTAH		VE	RMO	NT									V	IRGI	AIA							
7.25%	3%	4%	5%	6%	8%				ARLINGTON							FAIRFA	AX CITY	HA	MPT	ON	LEESURG	RICHMOND
	0	0	0	6	0				COUNTY					FAIF	RFAX	Mea	ls tax	Re	estaur	ant	Meal tax	Restaurant
7.25	1	1	1	5002	1		4%		4%	4.	5%	5	%	5.5	5%	6.	5%		7%		7%	7%
5002	4	2	2	10	0																	
	13	10	10	10	18	0	214	484	0	0	188	0	169	0	149	0	124	0	114	284	0	0
	33	25	20	16	31	1	234	512	1	1	211	1		1	166	1	144	1	134		1	1
	66	50	40	33	43	21	259	537	2	5	233	1		4	188	1	166	13	149		1	1
	100		80	50	56	14	284		12	15	255	9		11	211	11	174	14	159		7	14
	133		100	66	68	34	314		37	33	277	29		14	233	24	188	29	184		21	14
	166		120	83	81	59	334		62	55	299	49		33	249	33	211	34	184		35	34
	200		140	100	93	84	359		87	77		69		55	255	55		44	214		49	59
				116	100	114	384		112	99		89		77		74		59	214		64	59
				133		134	414		137	122		109		99		77		74	234		78	84
				150		159	434			144		129		122		99		84	249		92	84
						184	459			166		149		144		122		114	259		107	114
								J]]]					

Part-4

																		W				
							VI	RGINI	4										WAS	HING	TON	
	NEW	PORT				ROANC	KE CITY		NOR	FOLK	CITY	CITY (OF RICH	IMOND								
ALEXANDRIA	NE	WS	RICHMOND	Resta	aurant	VA B	EACH		N	leal ta	ax	F	ood ta	ах				7%	7.	2%	7.3	3%
7.5%	7.	5%	7.5%	8	%	8.	5%	9%		9%			9.5%			9.5%						
					V												,	0	0	131	0	129
7.5	0	116	0	0	114	0	99	9	0	99	211	0	89	205	0	89	209	1	1		1	143
5002	1	122	1	1	114	1	112	5002	1	99	233	1	99		1	99		1	1		1	156
	1	144	2	5	134	1	122		6	122	233	1	110		1	109		7	6		6	170
	11	149	6	14	134	11	137		11	122		5	121		9	122		21	20		19	184
	16	166	19	34	159	12	144		33	144		15	131		11	129		35	34		33	198
	33	183	33	44		33	162		44	144		26	142		29	144		49	48		47	211
	49	188	46	44		37	166		44	166		36	152		33	149		64	62		61	225
	55	211	59	59		55	187		55	166		47	163		49	166		78	76		74	239
	77			59		62	188		55	188		57	173		55	169		92	90		88	252
	83			84		77	211		77	188		68	184		69	188		107	104		102	
	99			84		87			77	211		78	194		77	189			118		115	
					-					-										-		1

					W	/ASHI	IGTON	N						WES	T VIRO	GINIA			WIS	CON	SIN	
											Combined		2%	3%	4%	5%	6%	4%	5%	5.5	5%	5.6%
7.	5%	7.55%	4	1.125%	6	7.8%	7.9%	8%	8.	1%	8.1%	8.7%	0	0	0	0	0					
													1	1	1	1	1	0	0	0	190	0
0	126	0	0	124	282	7.8	0	0	0	117	8.1	0	2	2	1	2	2	1	1	1	209	1
1	139	1	1	138		2	1	1	1	129	2	1	25	5	12	5	5	1	1	1		1
1	153	2	3	151		0	2	1	14	141	0	1	50	35	37	20	16	12	10	9		8
6	166	7	6	164		7	6	6	6	154	6	5	100	70		40	33	37	21	27		26
19	179	19	19	177		19	18	18	18	166	18	17		100			50		41	45		44
33	193	33	32	190		32	31	31	30	179	30	28		135			67		61	63		62
46	206	46	46	203		44	44		43	191	43						84		81	81		80
59		59	59	217		57	56		55	203	55						100		110	99		98
73		72	72	230		70			67		67						116			118		116
86			85	243		83			80		80									136		133
99			98	256					92											154		
113			111	269					104											172		
]				J					J												

	WYO	MING	
3%	4%	5%	6%
0	0	0	0
1	1	1	1
2	2	2	3
24	24	24	24
49	37	29	24
83	62	49	34
116		69	51
149		89	68
		109	84

To replace the ink roll

- Turn to the OFF mode and remove the printer cover.
- ② Lift up the tab on the ink roll marked "PULL UP".
- ③ Install a new Ink Roll and press it down firmly but gently until it snaps into place.
- ④ Replace the printer cover onto the cash register.
- (5) Turn to the REG mode and press the CHK key to check for correct operation.





GUIDELINES LAID DOWN BY FCC RULES FOR USE OF THE UNIT IN THE U.S.A. (Not applicable to other areas)

WARNING: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

LIMITED WARRANTY: ELECTRONIC CASH REGISTERS

This product, except the battery, is warranted by Casio to the original purchaser to be free from defects in material and workmanship under normal use for a period, from the date of purchase, of one year for parts and 90 days for labor. For one year, upon proof of purchase, the product will be repaired or replaced (with the same or a similar model) at Casio So option, at a Casio Authorized Service Center without charge for parts. Labor will be provided without charge for 90 days. The terminal resident software and programmable software, if any, included with this product or any programmable software which may be licensed by Casio or one of its authorized dealers, is warranted by Casio to the original licensee for a period of ninety (90) days from the date of license to conform substantially to published specifications and documentation provided it is used with the Casio hardware and software for which it is designed.

For a period of ninety (90) days, upon proof of license, Casio will, at its option, replace defective terminal resident software or programmable software, correct significant program errors, or refund the license fee for such software. Significant program errors will be significant deviations from written documentation or specifications. These are your sole remedies for any breach of warranty. In no event will Casio's liability exceed the license fee, if any, for such software. This warranty will not apply if the product has been misused, abused, or altered.

Without limiting the foregoing, battery leakage, bending of the unit, a broken display tube, and any cracks or breaks in the display will be presumed to have resulted from misuse or abuse. To obtain warranty service you must take or ship the product, freight prepaid, with a copy of the sales receipt or other proof of purchase and the date of purchase, to a Casio Authorized Service Center. Due to the possibility of damage or loss, it is recommended when shipping the product to a Casio Authorized Service Center that you package the product securely and ship it insured. CASIO HEREBY EXPRESSLY DISCLAIMS ALL OTHER WARRANTES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. NO RESPONSIBILITY IS ASSUMED FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION DAMAGES RESULTING FROM MATHEMATICAL INACCURACY OF THE PROD-UCT OR LOSS OF STORED DATA. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. This warranty gives you specific rights, and you may also have other rights which vary from state to state.

CASIO, INC. 570 MOUNT PLEASANT AVENUE,

P. O. BOX 7000, DOVER, NEW JERSEY 07801 U.S.A.

Model:	.Serial Number:	Date of Purchase:
Your Name:		
Dealer's Name:		
Address:		



CASIO COMPUTER CO., LTD. 6-2, Hon-machi 1-chome Shibuya-ku, Tokyo 151-8543, Japan

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