The Survey of Family Income and Expenditure, 2018 Code Book

variable name	card/ column	variable label	value label	note
Part: Hous	ehold's main ca	rd		-
x1	1/01-08	Case number		string
area	1/01-02	Area code	Area code refer to Appendix 1	
id	1/04-08	Serial no. of households		string
a4	1/12-13	Employment classification by	00.non-working	
		industry of household head	01.agriculture and animal	
			husbandry	
			02.forestry	
			03.fishing	
			05.mining & quarrying	
			08.manufacturing	
			35.electricity,gas & water	
			36.water supply and remediation	
			services	
			41.construction	
			45.wholesale and retail trade	
			49.transportation and storage	
			55.accommodation and food	
			services	
			58.information and	
			communication	
			64.finance and insurance	
			67.real estate	
			69.professional,scientific and	
			technical services	
			77.support services	
			83.public administration and	
			defence compulsory social	
			security	
			85.educational services	
			86.health care and social welfare	
			services	

variable name	card/ column	variable label	value label	note
			90.arts, entertainment and	
			recreation	
			94.other services	
a5	1/14-15	Employment classification by	00.unemployed	
		occupation of household head	01.legislators, government	
			administrators, business	
			executives & managers	
			02.professionals	
			03.technicians & associate	
			professionals	
			04.clerks	
			05.service workers & sales	
			workers	
			07.production workers	
			08.machine operators & related	
			workers	
			09.laborers	
			10.soldiers	
			61.agricultural & animal	
			husbandry workers	
			62.forestry workers	
			63.fishing workers	
a6	1/22-24	Age of household head		
a7	1/25	Sex of household head	1.male	
			2.female	
a8	1/26-27	Number of household		
		persons		
a9	1/28-29	Number of persons employed		
a11	1/40-41	Education attainment of	01.illiteracy	
		household head	02.self-educated	
			03.primary school	
			04.junior high school	
			05.senior high school	
			06.vocational school	
			07.junior college	
			08.university or college	

variable name	card/ column	variable label	value label	note
			09.master's degree	
			10.doctor of philosophy	
a12	1/42-43	Number of adults		
a13	1/44-45	Number of income recipients		
a16	1/57	Employment classification by	1.employers	
		employment status of	2.employees	
		household head	3.own-account workers	
			4.unpaid family workers	
			5.unemployed	
			7.students	
			8.house wives	
			9.others	
a17	1/58	With /without employment of	1.employed	
		household head	2.unemployed	
a18	1/59-61	Type of family	101.one person:the household	
			head is male	
			102.one person:the household	
			head is female	
			201.married couple:the	
			household head is male	
			202.married couple:the	
			household head is female	
			321.single parent: the household	
			head is male of the parent(s)	
			(2nd-generation)	
			322.single parent: the household	
			head is female of the	
			parent(s) (2nd-generation)	
			331.single parent: the household	
			head is male of the	
			grandchild (3rd-generation)	
			332.single parent: the household	
			head is female of the	
			grandchild (3rd-generation)	
			421.nuclear family: the	
			household head is male of	

variable name	card/ column	variable label	value label	note
			the parent(s)	
			(2nd-generation)	
			422.nuclear family: the	
			household head is female of	
			the parent(s)	
			(2nd-generation)	
			431.nuclear family: the	
			household head is male of	
			the grandchild	
			(3rd-generation)	
			432.nuclear family: the	
			household head is female of	
			the grandchild	
			(3rd-generation)	
			511.ancestors and descendants:	
			the household head is male	
			of the grandparent(s)	
			(1st-generation)	
			512.ancestors and descendants:	
			the household head is	
			female of the grandparent(s)	
			(1st-generation)	
			531.ancestors and descendants:	
			the household head is male	
			of the grandchild	
			(3rd-generation)	
			532.ancestors and descendants:	
			the household head is	
			female of the grandchild	
			(3rd-generation)	
			611.extended family: the	
			household head is male of	
			the grandparent(s)	
			(1st-generation)	
			612.extended family: the	
			household head is female of	

variable name	card/ column	variable label	value label	note
a19	1/62-63	Number of persons above 65	the grandparent(s) (1st-generation) 621.extended family: the household head is male of the parent(s) (2nd-generation) 622.extended family: the household head is female of the parent(s) (2nd-generation) 631.extended family: the household head is male of the grandchild (3rd-generation) 632.extended family: the household head is female of the grandchild (3rd-generation) 701.others:the household head is male 702.others:the household head is female	
a20	1/65-78	years old Weight		5 column for integer, 1 for dot and 8 for decimal fraction
Part: Char	acter of househo	old members	1	
(#:1-19, xx:	:Card number:0	,	T	
b1_#	xx/09-10	Member code		
b2_#	xx/11-12	Relation to the household head	00.n/a 01.economic household head 02.spouse 03.child 04.grandchild	

variable name	card/ column	variable label	value label	note
			05.parents	
			06.grandparents	
			07.brother or sister	
			08.children in law	
			09.grandchild in law	
			10.brother or sister in law	
			11.parents in law	
			12.brother or siter of spouse	
			13.other relative	
			14.others	
b3_#	xx/13	Sex	0.n/a	
			1.male	
			2.female	
b4_#	xx/14-16	Age		
b5_#	xx/17-18	Education attainment	00.n/a	
			01.illiteracy	
			02.self-educated	
			03.primary school	
			04.junior high school	
			05.senior high school	
			06.vocational school	
			07.junior college	
			08.university or college	
			09.master's degree	
			10.doctor of philosophy	
b8_#	xx/21-22	Full time by industry	00.non-working	
			01.agriculture and animal	
			husbandry	
			02.forestry	
			03.fishing	
			05.mining & quarrying	
			08.manufacturing	
			35.electricity,gas & water	
			36.water supply and remediation	
			services	
			41.construction	

variable name	card/ column	variable label	value label	note
			45.wholesale and retail trade	
			49.transportation and storage	
			55.accommodation and food	
			services	
			58.information and	
			communication	
			64.finance and insurance	
			67.real estate	
			69.professional,scientific and	
			technical services	
			77.support services	
			83.public administration and	
			defence compulsory social	
			security	
			85.educational services	
			86.health care and social welfare	
			services	
			90.arts, entertainment and	
			recreation	
			94.other services	
b9_#	xx/23-24	Full time by occupation	00.unemployed	
			01.legislators, government	
			administrators, business	
			executives & managers	
			02.professionals	
			03.technicians & associate	
			professionals	
			04.clerks	
			05.service workers & sales	
			workers	
			07.production workers	
			08.machine operators & related	
			workers	
			09.laborers	
			10.soldiers	
			61.agricultural & animal	

variable name	card/ column	variable label	value label	note
			husbandry workers	
			62.forestry workers	
			63.fishing workers	
b10_#	xx/25	Part time	0.n/a	
			1.yes	
			2.no	
b12_#	xx/28	Employment status	0.n/a	
			1.employer	
			2.employee	
			3.own-account worker	
			4.unpaid family worker	
			5.jobless	
			7.student	
			8.house wife	
			9.others	
b13_#	xx/29	Employment or not	0.n/a	
			1.working	
			2.non-working	
b14_#	xx/30	Income recipient	0.n/a	
			1.yes	
			2.no	
b15_#	xx/31-32	Employment classification by	00.n/a	
		working place	02. Yilan County	
			04.Hsinchu County	
			05.Miaoli County	
			07.Changhua County	
			08.Nantou County	
			09.Yunlin County	
			10.Chiayi County	
			13.Pingtung County	
			14.Taitung County	
			15.Hualien County	
			16.Penghu County	
			17.Keelung City	
			18.Hsinchu City	
			20.Chiayi City	

variable name	card/ column	variable label	value label	note
			59.Lienchiang County	
			60.Kinmen County	
			61.Outland	
			63.Taipei City	
			64.Kaohsiung City	
			65.New Taipei City	
			66.Taichung City	
			67.Tainan City	
			68.Taoyuan City	
			98.Veteran	
			99.Retirement from civil service	
b16_#	xx/33-34	Married status	01.spouse code (member	
			code)01	
			02.spouse code (member	
			code)02	
			03.spouse code (member	
			code)03	
			04.spouse code (member	
			code)04	
			05.spouse code (member	
			code)05	
			06.spouse code (member	
			code)06	
			07.spouse code (member	
			code)07	
			08.spouse code (member	
			code)08	
			09.spouse code (member	
			code)09	
			10.spouse code (member	
			code)10	
			11.spouse code (member	
			code)11	
			31.spouse code (member	
			code)31	
			32.spouse code (member	

variable name	card/ column	variable label	value label	note
			code)32	
			33.spouse code (member	
			code)33	
			34.spouse code (member	
			code)34	
			35.spouse code (member	
			code)35	
			36.spouse code (member	
			code)36	
			37.spouse code (member	
			code)37	
			38.spouse code (member	
			code)38	
			39.spouse code (member	
			code)39	
			40. spouse code (member	
			code)40	
			51.spouse code (member	
			code)51	
			52.spouse code (member	
			code)52	
			54. spouse code (member	
			code)54	
			91.single	
			92.spouse living outside	
			93.cohabited	
			97.divorced, separated, widowed	
Part: House	ehold equipmen	t		
f1	21/09-10	Color TV		
f51	21/11-12	DVD player		
f29	21/13-14	Movies camera		
f10	21/15-16	Stereo		
f32	21/17-18	Piano		
f55	21/19-20	Digital camera		
f43	21/21-22	Video game		
f44	21/23-24	Cable TV		

variable name	card/ column	variable label	value label	note
f38	21/25-26	Personal computer		
f4	21/27-28	Telephone		
f52	21/29-30	Cell phone		
f34	21/35-36	Sedan vehicle		
f23	21/37-38	Motorcycle		
f48	21/39-40	Electro-magnetic oven		
f6	21/41-42	Air conditioner		
f41	21/43-44	Dehumidifier		
f12	21/45-46	Washing machine		
f42	21/47-48	Drier		
f53	21/49-50	Air-clean machine		
f54	21/51-52	Water filter machine		
f18	21/53-54	Vacuum cleaner		
f33	21/55-56	Geyser		
f50	21/57-58	Hot-warm water fountain		
f39	21/59-60	Microwave oven		
f27	21/61-62	Newspaper		
f28	21/63-64	Magazine		
f56	21/65-67	sub-total amount		
f57	21/68	Internet with computer	0. n/a	
			1. yes	
			2. no	
f59	21/70-71	LCD · PDP TV		
f60	21/72-73	MOD		
f61	21/74	Internet without computer	0. n/a	
			1. yes	
			2. no	
Part: Hous	ing			
c1	22/09	Tenure of dwelling	1.self-owned(by usually living	
			member of this household)	
			2.owned by spouse, parents or	
			children not living together	
			3.rented	
			4.allotted	
			5.borrowed and others	

variable name	card/ column	variable label	value label	note
c2	22/10	Usage of dwelling	1.independent	
			2.connected	
c3	22/11-12	Style of building:		
		Number of stories		
c4	22/13	Piped water equipment	0.no	
			1.yes	
c5a	22/14	Parking lot: Self-owned		
c5b	22/15	Parking lot: Rented		
с5с	22/16	Parking lot: None		
сба	22/17-19	Room and area: Housing land		
		area (pins)		
сбь	22/20-22	Room and area: Total room		
		area (pins)		
Part: Speci	fied Items			
d7a	22/28-30	Agricultural Acreage:		
		hectares		
d7b	22/31-32	Agricultural Acreage:		
		ares		
d8a1	22/33-36	Number of livestock &		
		poultry by Large livestock &		
		poultry:Number of beef		
d8a2	22/37-40	Number of livestock &		
		poultry by Large livestock &		
		poultry:Number of		
		others		

variable name	card/ column	variable label	value label	note
d1	22/41-42	Interview Status	1.original sampled registered	
			household	
			2.residents	
			3.excluded objects	
			4.the sample registered	
			household changing register to	
			other address.	
			5.the sample registered	
			household not living at the	
			registered address.	
			6.nobody at home	
			7.refused	
			8.address not existed	
			9.other	
d4	22/51-52	Number of member in		
		household		
d5	22/53	Classification of Sampling	1.farm household	
		Farm Household	2.non-farm household	
d6	22/54-55	Operation Type of Farm	00.n/a	
		Households	01.rice planting	
			02.vegetables planting	
			03.fruits planting	
			04.flowers planting	
			05.sundry and special crops	
			planting	
			06.other crops planting	
			07.hogs raising	
			08.chicken raising	
			09.other livestock and poultry	
			raising	
			10.without operating	
d8b1	22/56-60	Number of livestock &		
		poultry by Medium livestock		
		& poultry:Number of		
		hogs		

variable name	card/ column	variable label	value label	note			
d8b2	22/61-65	Number of livestock &					
		poultry by Medium livestock					
		& poultry:Number of					
		others					
d8c1	22/66-71	Number of livestock &					
		poultry by Small livestock &					
		poultry:Number of					
		chicken					
d8c2	22/72-77	Number of livestock &					
		poultry by Small livestock &					
		poultry:Number of					
		others					
Part: Income and Outlay							
# indicates which card number, total card numbers are 23-99, columns are 23/09-22 ~ 99/65-78.							
Regarding	Regarding the compressed format of each item showed on card number 23-99, please refer to Appendix 3.						
itm xxx	#/09-22	Amount of amount code xxx	Amount code refer to appendix 2				
itm xxx	#/23-36	Amount of amount code xxx					
itm xxx	#/37-50	Amount of amount code xxx					
itmxxx	#/51-64	Amount of amount code xxx					
itmxxx	#/65-78	Amount of amount code xxx					
year		Survey year		created variables			

Appendix 1: Area code

- 02 Yilan County
- 04 Hsinchu County
- 05 Miaoli County
- 07 Changhua County
- 08 Nantou County
- 09 Yunlin County
- 10 Chiayi County
- 13 Pingtung County
- 14 Taitung County
- 15 Hualien County
- 16 Penghu County
- 17 Keelung City
- 18 Hsinchu City
- 20 Chiayi City
- 63 Taipei City
- 64 Kaohsiung City
- 65 New Taipei City
- 66 Taichung City
- 67 Tainan City
- 68 Taoyuan City

Appendix 2: Amount Code

80: Lump-sum retirement pay - sub-total amount 81: Lump-sum retirement pay - household head 1 82: Lump-sum retirement pay - household head 2 83: Lump-sum retirement pay - household head 3 84: Lump-sum retirement pay - household head 4 85: Lump-sum retirement pay - household head 5 86: Lump-sum retirement pay - household head 6 87: Lump-sum retirement pay - household head 7 88: Lump-sum retirement pay - household head 8 89: Lump-sum retirement pay - household income can not be taken apart to former income recipient 90: Monthly retirement pay - sub-total amount 91: Monthly retirement pay - household head 1 92: Monthly retirement pay - household head 2 93: Monthly retirement pay - household head 3 94: Monthly retirement pay - household head 4 95: Monthly retirement pay - household head 5 96: Monthly retirement pay - household head 6 97: Monthly retirement pay - household head 7 98: Monthly retirement pay - household head 8 99: Monthly retirement pay - household income can not be taken apart to former income recipient 101: Code of member in household - household head 1 102: Code of member in household - household head 2 103: Code of member in household - household head 3 104: Code of member in household - household head 4 105: Code of member in household - household head 5 106: Code of member in household - household head 6 107: Code of member in household - household head 7 108: Code of member in household - household head 8 110: Overtime pay - sub-total amount 111: Overtime pay - household head 1 112: Overtime pay - household head 2 113: Overtime pay - household head 3

114: Overtime pay - household head 4

115: Overtime pay - household head 5

116: Overtime pay - household head 6

117: Overtime pay - household head 7 118: Overtime pay - household head 8 119: Overtime pay - household income can not be taken apart to former income recipient 120: Awards - sub-total amount 121: Awards - household head 1 122: Awards - household head 2 123: Awards - household head 3 124: Awards - household head 4 125: Awards - household head 5 126: Awards - household head 6 127: Awards - household head 7 128: Awards - household head 8 129: Awards - household income can not be taken apart to former income recipient 130: Insurance of GEI, LI, & SI by employers sub-total amount 131: Insurance of GEI, LI, & SI by employers household head 1 132: Insurance of GEI, LI, & SI by employers household head 2 133: Insurance of GEI, LI, & SI by employers household head 3 134: Insurance of GEI, LI, & SI by employers household head 4 135: Insurance of GEI, LI, & SI by employers household head 5 136: Insurance of GEI, LI, & SI by employers household head 6 137: Insurance of GEI, LI, & SI by employers household head 7 138: Insurance of GEI, LI, & SI by employers household head 8 139: Insurance of GEI, LI, & SI by employers household income can not be taken apart to former

income recipient

140: Fringe & death benefits - sub-total amount

- 141: Fringe & death benefits household head 1
- 142: Fringe & death benefits household head 2
- 143: Fringe & death benefits household head 3
- 144: Fringe & death benefits household head 4
- 145: Fringe & death benefits household head 5
- 146: Fringe & death benefits household head 6
- 147: Fringe & death benefits household head 7
- 148: Fringe & death benefits household head 8
- 149: Fringe & death benefits household income can not be taken apart to former income recipient
- 150: Retirement pay sub-total amount
- 151: Retirement pay household head 1
- 152: Retirement pay household head 2
- 153: Retirement pay household head 3
- 154: Retirement pay household head 4
- 155: Retirement pay household head 5
- 156: Retirement pay household head 6
- 157: Retirement pay household head 7
- 158: Retirement pay household head 8
- 159: Retirement pay household income can not be taken apart to former income recipient
- 160: Other part time payroll sub-total amount
- 161: Other part time payroll household head 1
- 162: Other part time payroll household head 2
- 163: Other part time payroll household head 3
- 164: Other part time payroll household head 4
- 165: Other part time payroll household head 5
- 166: Other part time payroll household head 6
- 167: Other part time payroll household head 7
- 168: Other part time payroll household head 8
- 169: Other part time payroll household income can not be taken apart to former income recipient
- 170: Charities sub-total amount
- 171: Charities household head 1
- 172: Charities household head 2
- 173: Charities household head 3
- 174: Charities household head 4
- 175: Charities household head 5
- 176: Charities household head 6

- 177: Charities household head 7
- 178: Charities household head 8
- 179: Charities household income can not be taken apart to former income recipient
- 180: Other current transfer expenditures of private sub-total amount
- 181: Other current transfer expenditures of private household head 1
- 182: Other current transfer expenditures of private household head 2
- 183: Other current transfer expenditures of private household head 3
- 184: Other current transfer expenditures of private household head 4
- 185: Other current transfer expenditures of private household head 5
- 186: Other current transfer expenditures of private household head 6
- 187: Other current transfer expenditures of private household head 7
- 188: Other current transfer expenditures of private household head 8
- 189: Other current transfer expenditures of private household income can not be taken apart to former income recipient
- 190: Compensation of employee sub-total amount
- 191: Compensation of employee household head 1
- 192: Compensation of employee household head 2
- 193: Compensation of employee household head 3
- 194: Compensation of employee household head 4
- 195: Compensation of employee household head 5
- 196: Compensation of employee household head 6
- 197: Compensation of employee household head 7
- 198: Compensation of employee household head 8
- 199: Compensation of employee household income can not be taken apart to former income recipient
- 200: Insurance of GEI, LI, FHI & NAI by government sub-total amount
- 201: Insurance of GEI, LI, FHI & NAI by government

- household head 1
- 202: Insurance of GEI, LI, FHI & NAI by government
 household head 2
- 203: Insurance of GEI, LI, FHI & NAI by government
 household head 3
- 204: Insurance of GEI, LI, FHI & NAI by government
 household head 4
- 205: Insurance of GEI, LI, FHI & NAI by government
 household head 5
- 206: Insurance of GEI, LI, FHI & NAI by government household head 6
- 207: Insurance of GEI, LI, FHI & NAI by government household head 7
- 208: Insurance of GEI, LI, FHI & NAI by government
 household head 8
- 209: Insurance of GEI, LI, FHI & NAI by governmenthousehold income can not be taken apart toformer income recipient
- 210: Full time payroll sub-total amount
- 211: Full time payroll household head 1
- 212: Full time payroll household head 2
- 213: Full time payroll household head 3
- 214: Full time payroll household head 4
- 215: Full time payroll household head 5
- 216: Full time payroll household head 6
- 217: Full time payroll household head 7
- 218: Full time payroll household head 8
- 219: Full time payroll household income can not be taken apart to former income recipient
- 220: Part time and spare time payroll sub-total amount
- 221: Part time and spare time payroll household head ${\bf 1}$
- 222: Part time and spare time payroll household head
- 223: Part time and spare time payroll household head 3
- 224: Part time and spare time payroll household head
 4

- 225: Part time and spare time payroll household head 5
- 226: Part time and spare time payroll household head 6
- 227: Part time and spare time payroll household head 7
- 228: Part time and spare time payroll household head 8
- 229: Part time and spare time payroll household income can not be taken apart to former income recipient
- 230: Other receipts or subsides sub-total amount
- 231: Other receipts or subsides household head 1
- 232: Other receipts or subsides household head 2
- 233: Other receipts or subsides household head 3
- 234: Other receipts or subsides household head 4
- 235: Other receipts or subsides household head 5
- 236: Other receipts or subsides household head 6
- 237: Other receipts or subsides household head 7 $\,$
- 238: Other receipts or subsides household head 8
- 239: Other receipts or subsides household income can not be taken apart to former income recipient
- 240: Entrepreneurial income sub-total amount
- 241: Entrepreneurial income household head 1
- 242: Entrepreneurial income household head 2
- 243: Entrepreneurial income household head 3
- 244: Entrepreneurial income household head 4
- 245: Entrepreneurial income household head 5
- 246: Entrepreneurial income household head 6
- 247: Entrepreneurial income household head 7
- 248: Entrepreneurial income household head 8
- 249: Entrepreneurial income household income can not be taken apart to former income recipient
- 260: Agricultural & livestock income sub-total amount
- 261: Agricultural & livestock income household head
- 262: Agricultural & livestock income household head

263: Agricultural & livestock income - household head 292: Net operation surplus - household head 2 293: Net operation surplus - household head 3 264: Agricultural & livestock income - household head 294: Net operation surplus - household head 4 295: Net operation surplus - household head 5 265: Agricultural & livestock income - household head 296: Net operation surplus - household head 6 297: Net operation surplus - household head 7 298: Net operation surplus - household head 8 266: Agricultural & livestock income - household head 299: Net operation surplus - household income can not 267: Agricultural & livestock income - household head be taken apart to former income recipient 300: Low income household - sub-total amount 301: Low income household - household head 1 268: Agricultural & livestock income - household head 302: Low income household - household head 2 303: Low income household - household head 3 269: Agricultural & livestock income - household income can not be taken apart to former income 304: Low income household - household head 4 305: Low income household - household head 5 recipient 306: Low income household - household head 6 270: Net forest income - sub-total amount 271: Net forest income - household head 1 307: Low income household - household head 7 272: Net forest income - household head 2 308: Low income household - household head 8 273: Net forest income - household head 3 309: Low income household - household income can 274: Net forest income - household head 4 not be taken apart to former income recipient 275: Net forest income - household head 5 310: Old-age allowance - sub-total amount 276: Net forest income - household head 6 311: Old-age allowance - household head 1 277: Net forest income - household head 7 312: Old-age allowance - household head 2 278: Net forest income - household head 8 313: Old-age allowance - household head 3 279: Net forest income - household income can not be 314: Old-age allowance - household head 4 taken apart to former income recipient 315: Old-age allowance - household head 5 280: Net fishing income - sub-total amount 316: Old-age allowance - household head 6 281: Net fishing income - household head 1 317: Old-age allowance - household head 7 282: Net fishing income - household head 2 318: Old-age allowance - household head 8 283: Net fishing income - household head 3 319: Old-age allowance - household income can not be 284: Net fishing income - household head 4 taken apart to former income recipient 285: Net fishing income - household head 5 330: Property income - sub-total amount 286: Net fishing income - household head 6 331: Property income - household head 1 287: Net fishing income - household head 7 332: Property income - household head 2 288: Net fishing income - household head 8 333: Property income - household head 3 289: Net fishing income - household income can not be 334: Property income - household head 4 taken apart to former income recipient 335: Property income - household head 5

336: Property income - household head 6

337: Property income - household head 7

290: Net operation surplus - sub-total amount

291: Net operation surplus - household head 1

- 338: Property income household head 8
- 339: Property income household income can not be taken apart to former income recipient
- 340: Interest income sub-total amount
- 341: Interest income household head 1
- 342: Interest income household head 2
- 343: Interest income household head 3
- 344: Interest income household head 4
- 345: Interest income household head 5
- 346: Interest income household head 6
- 347: Interest income household head 7
- 348: Interest income household head 8
- 349: Interest income household income can not be taken apart to former income recipient
- 350: Investment income sub-total amount
- 351: Investment income household head 1
- 352: Investment income household head 2
- 353: Investment income household head 3
- 354: Investment income household head 4
- 355: Investment income household head 5
- 356: Investment income household head 6
- 357: Investment income household head 7
- 358: Investment income household head 8
- 359: Investment income household income can not be taken apart to former income recipient
- 360: Other property income sub-total amount
- 361: Other property income household head 1
- 362: Other property income household head 2
- 363: Other property income household head 3
- 364: Other property income household head 4
- 365: Other property income household head 5
- 366: Other property income household head 6
- 367: Other property income household head 7
- 368: Other property income household head 8
- 369: Other property income household income can not be taken apart to former income recipient
- 370: Old-age farmer annuity sub-total amount
- 371: Old-age farmer annuity household head 1
- 372: Old-age farmer annuity household head 2

- 373: Old-age farmer annuity household head 3
- 374: Old-age farmer annuity household head 4
- 375: Old-age farmer annuity household head 5
- 376: Old-age farmer annuity household head 6
- 377: Old-age farmer annuity household head 7
- 378: Old-age farmer annuity household head 8
- 379: Old-age farmer annuity household income can not be taken apart to former income recipient
- 380: Other current transfer receipts from government sub-total amount
- 381: Other current transfer receipts from government household head 1
- 382: Other current transfer receipts from government household head 2
- 383: Other current transfer receipts from government household head 3
- 384: Other current transfer receipts from government household head 4
- 385: Other current transfer receipts from government household head 5
- 386: Other current transfer receipts from government household head 6
- 387: Other current transfer receipts from government household head 7
- 388: Other current transfer receipts from government household head 8
- 389: Other current transfer receipts from government household income can not be taken apart to former income recipient
- 390: Imputed rent income sub-total amount
- 391: Imputed rent income household head 1
- 392: Imputed rent income household head 2
- 393: Imputed rent income household head 3
- 394: Imputed rent income household head 4
- 395: Imputed rent income household head 5
- 396: Imputed rent income household head 6
- 397: Imputed rent income household head 7
- 398: Imputed rent income household head 8
- 399: Imputed rent income household income can not

				recipient

- 400: Total receipts sub-total amount
- 400: Total receipts sub-total amount
- 401: Total receipts household head 1
- 402: Total receipts household head 2
- 403: Total receipts household head 3
- 404: Total receipts household head 4
- 405: Total receipts household head 5
- 406: Total receipts household head 6
- 407: Total receipts household head 7
- 408: Total receipts household head 8
- 409: Total receipts household income can not be taken apart to former income recipient
- 410: Current transfer receipts sub-total amount
- 411: Current transfer receipts household head 1
- 412: Current transfer receipts household head 2
- 413: Current transfer receipts household head 3
- 414: Current transfer receipts household head 4
- 415: Current transfer receipts household head 5
- 416: Current transfer receipts household head 6
- 417: Current transfer receipts household head 7
- 418: Current transfer receipts household head 8
- 419: Current transfer receipts household income can not be taken apart to former income recipient
- 420: Current transfer receipts from individuals sub-total amount
- 421: Current transfer receipts from individuals household head 1
- 422: Current transfer receipts from individuals household head 2
- 423: Current transfer receipts from individuals household head 3
- 424: Current transfer receipts from individuals household head 4
- 425: Current transfer receipts from individuals household head 5
- 426: Current transfer receipts from individuals household head 6
- 427: Current transfer receipts from individuals -

household head 7

- 428: Current transfer receipts from individuals household head 8
- 429: Current transfer receipts from individuals household income can not be taken apart to
 former income recipient
- 430: Current transfer receipts from government sub-total amount
- 431: Current transfer receipts from government household head 1
- 432: Current transfer receipts from government household head 2
- 433: Current transfer receipts from government household head 3
- 434: Current transfer receipts from government household head 4
- 435: Current transfer receipts from government household head 5
- 436: Current transfer receipts from government household head 6
- 437: Current transfer receipts from government household head 7
- 438: Current transfer receipts from government household head 8
- 439: Current transfer receipts from government household income can not be taken apart to former income recipient
- 440: Current transfer receipts from enterprises sub-total amount
- 441: Current transfer receipts from enterprises household head 1
- 442: Current transfer receipts from enterprises household head 2
- 443: Current transfer receipts from enterprises household head 3
- 444: Current transfer receipts from enterprises household head 4
- 445: Current transfer receipts from enterprises household head 5

- 446: Current transfer receipts from enterprises household head 6
- 447: Current transfer receipts from enterprises household head 7
- 448: Current transfer receipts from enterprises household head 8
- 449: Current transfer receipts from enterprises household income can not be taken apart to former income recipient
- 450: Benefit of social insurance sub-total amount
- 451: Benefit of social insurance household head 1
- 452: Benefit of social insurance household head 2
- 453: Benefit of social insurance household head 3
- 454: Benefit of social insurance household head 4
- 455: Benefit of social insurance household head 5
- 456: Benefit of social insurance household head 6
- 457: Benefit of social insurance household head 7
- 458: Benefit of social insurance household head 8
- 459: Benefit of social insurance household income can not be taken apart to former income recipient
- 460: Cash benefit of life and casualty insurance sub-total amount
- 461: Cash benefit of life and casualty insurance household head 1
- 462: Cash benefit of life and casualty insurance household head 2
- 463: Cash benefit of life and casualty insurance household head 3
- 464: Cash benefit of life and casualty insurance household head 4
- 465: Cash benefit of life and casualty insurance household head 5
- 466: Cash benefit of life and casualty insurance household head 6
- 467: Cash benefit of life and casualty insurance household head 7
- 468: Cash benefit of life and casualty insurance household head 8
- 469: Cash benefit of life and casualty insurance -

- household income can not be taken apart to former income recipient
- 470: Other current transfer receipts from enterprises sub-total amount
- 471: Other current transfer receipts from enterprises household head 1
- 472: Other current transfer receipts from enterprises household head 2
- 473: Other current transfer receipts from enterprises household head 3
- 474: Other current transfer receipts from enterprises household head 4
- 475: Other current transfer receipts from enterprises household head 5
- 476: Other current transfer receipts from enterprises household head 6
- 477: Other current transfer receipts from enterprises household head 7
- 478: Other current transfer receipts from enterprises household head 8
- 479: Other current transfer receipts from enterprises household income can not be taken apart to former income recipient
- 480: Current transfer receipts from abroad sub-total amount
- 481: Current transfer receipts from abroad household head 1
- 482: Current transfer receipts from abroad household head 2
- 483: Current transfer receipts from abroad household head 3
- 484: Current transfer receipts from abroad household head 4
- 485: Current transfer receipts from abroad household head 5
- 486: Current transfer receipts from abroad household head 6
- 487: Current transfer receipts from abroad household head 7

- 488: Current transfer receipts from abroad household head 8
- 489: Current transfer receipts from abroad household income can not be taken apart to former income recipient
- 490: Miscellaneous receipts sub-total amount
- 491: Miscellaneous receipts household head 1
- 492: Miscellaneous receipts household head 2
- 493: Miscellaneous receipts household head 3
- 494: Miscellaneous receipts household head 4
- 495: Miscellaneous receipts household head 5
- 496: Miscellaneous receipts household head 6
- 497: Miscellaneous receipts household head 7
- 498: Miscellaneous receipts household head 8
- 499: Miscellaneous receipts household income can not be taken apart to former income recipient
- 500: Current receipts of sub-total amount
- 510: House loans sub-total amount
- 511: House loans household head 1
- 512: House loans household head $2\,$
- 513: House loans household head 3
- 514: House loans household head 4
- 515: House loans household head 5
- 516: House loans household head 6
- 517: House loans household head 7
- 518: House loans household head 8
- 519: House loans household income can not be taken apart to former income recipient
- 520: Other interest sub-total amount
- 521: Other interest household head 1
- 522: Other interest household head 2
- 523: Other interest household head 3
- 524: Other interest household head 4
- 525: Other interest household head 5
- 526: Other interest household head 6
- 527: Other interest household head 7
- 528: Other interest household head 8
- 529: Other interest household income can not be taken apart to former income recipient

- 530: Expenditure on NAI sub-total amount
- 531: Expenditure on NAI household head 1
- 532: Expenditure on NAI household head 2
- 533: Expenditure on NAI household head 3
- 534: Expenditure on NAI household head 4
- 535: Expenditure on NAI household head 5
- 536: Expenditure on NAI household head 6
- 537: Expenditure on NAI household head 7
- 538: Expenditure on NAI household head 8
- 539: Expenditure on NAI household income can not be taken apart to former income recipient
- 540: Interest sub-total amount
- 541: Interest household head 1
- 542: Interest household head 2
- 543: Interest household head 3
- 544: Interest household head 4
- 545: Interest household head 5
- 546: Interest household head 6
- 547: Interest household head 7
- 548: Interest household head 8
- 549: Interest household income can not be taken apart to former income recipient
- 550: Expenditure of marriage, birth and funeral sub-total amount
- 551: Expenditure of marriage, birth and funeral household head 1
- 552: Expenditure of marriage, birth and funeral household head 2
- 553: Expenditure of marriage, birth and funeral household head 3
- 554: Expenditure of marriage, birth and funeral household head 4
- 555: Expenditure of marriage, birth and funeral household head 5
- 556: Expenditure of marriage, birth and funeral household head 6
- 557: Expenditure of marriage, birth and funeral household head 7
- 558: Expenditure of marriage, birth and funeral -

- household head 8
- 559: Expenditure of marriage, birth and funeral household income can not be taken apart to former income recipient
- 560: Current transfer expenditures sub-total amount
- 561: Current transfer expenditures household head 1
- 562: Current transfer expenditures household head 2
- 563: Current transfer expenditures household head 3
- 564: Current transfer expenditures household head 4
- 565: Current transfer expenditures household head 5
- 566: Current transfer expenditures household head 6
- 567: Current transfer expenditures household head 7
- 568: Current transfer expenditures household head 8
- 569: Current transfer expenditures household income can not be taken apart to former income recipient
- 570: Current transfer expenditures to private sub-total amount
- 571: Current transfer expenditures to private household head 1
- 572: Current transfer expenditures to private household head 2
- 573: Current transfer expenditures to private household head 3
- 574: Current transfer expenditures to private household head 4
- 575: Current transfer expenditures to private household head 5
- 576: Current transfer expenditures to private household head 6
- 577: Current transfer expenditures to private household head 7
- 578: Current transfer expenditures to private household head 8
- 579: Current transfer expenditures to private household income can not be taken apart to former income recipient
- 580: Current transfer expenditures to government sub-total amount
- 581: Current transfer expenditures to government -

- household head 1
- 582: Current transfer expenditures to government household head 2
- 583: Current transfer expenditures to government household head 3
- 584: Current transfer expenditures to government household head 4
- 585: Current transfer expenditures to government household head 5
- 586: Current transfer expenditures to government household head 6
- 587: Current transfer expenditures to government household head 7
- 588: Current transfer expenditures to government household head 8
- 589: Current transfer expenditures to government household income can not be taken apart to former income recipient
- 590: House tax and land tax sub-total amount
- 591: House tax and land tax household head 1
- 592: House tax and land tax household head 2
- 593: House tax and land tax household head 3
- 594: House tax and land tax household head $4\,$
- $595\mbox{:}$ House tax and land tax household head 5
- 596: House tax and land tax household head 6 597: House tax and land tax household head 7
- 598: House tax and land tax household head 8
- 599: House tax and land tax household income can not be taken apart to former income recipient
- 600: Nonconsumption expenditure sub-total amount
- 601: Nonconsumption expenditure household head 1
- 602: Nonconsumption expenditure household head 2
- 603: Nonconsumption expenditure household head 3
- 604: Nonconsumption expenditure household head 4
- 605: Nonconsumption expenditure household head 5
- 606: Nonconsumption expenditure household head 6
- 607: Nonconsumption expenditure household head 7
- 608: Nonconsumption expenditure household head 8
- 609: Nonconsumption expenditure household income

can not be taken apart to former income recipient	638: Other current transfer expenditures to government
610: Income tax - sub-total amount	- household head 8
611: Income tax - household head 1	639: Other current transfer expenditures to government
612: Income tax - household head 2	- household income can not be taken apart to
613: Income tax - household head 3	former income recipient
614: Income tax - household head 4	640: Social insurance - sub-total amount
615: Income tax - household head 5	641: Social insurance - household head 1
616: Income tax - household head 6	642: Social insurance - household head 2
617: Income tax - household head 7	643: Social insurance - household head 3
618: Income tax - household head 8	644: Social insurance - household head 4
619: Income tax - household income can not be taken	645: Social insurance - household head 5
apart to former income recipient	646: Social insurance - household head 6
620: Other tax - sub-total amount	647: Social insurance - household head 7
621: Other tax - household head 1	648: Social insurance - household head 8
622: Other tax - household head 2	649: Social insurance - household income can not be
623: Other tax - household head 3	taken apart to former income recipient
624: Other tax - household head 4	650: Expenditure on GEI - sub-total amount
625: Other tax - household head 5	651: Expenditure on GEI - household head 1
626: Other tax - household head 6	652: Expenditure on GEI - household head 2
627: Other tax - household head 7	653: Expenditure on GEI - household head 3
628: Other tax - household head 8	654: Expenditure on GEI - household head 4
629: Other tax - household income can not be taken	655: Expenditure on GEI - household head 5
apart to former income recipient	656: Expenditure on GEI - household head 6
630: Other current transfer expenditures to government	657: Expenditure on GEI - household head 7
- sub-total amount	658: Expenditure on GEI - household head 8
631: Other current transfer expenditures to government	659: Expenditure on GEI - household income can not
- household head 1	be taken apart to former income recipient
632: Other current transfer expenditures to government	660: Expenditure on LI - sub-total amount
- household head 2	661: Expenditure on LI - household head 1
633: Other current transfer expenditures to government	662: Expenditure on LI - household head 2
- household head 3	663: Expenditure on LI - household head 3
634: Other current transfer expenditures to government	664: Expenditure on LI - household head 4
- household head 4	665: Expenditure on LI - household head 5
635: Other current transfer expenditures to government	666: Expenditure on LI - household head 6
- household head 5	667: Expenditure on LI - household head 7
636: Other current transfer expenditures to government	668: Expenditure on LI - household head 8
- household head 6	669: Expenditure on LI - household income can not be
637: Other current transfer expenditures to government	taken apart to former income recipient
- household head 7	670: Expenditure on farmer's health insurance -

- sub-total amount
- 671: Expenditure on farmer's health insurance household head 1
- 672: Expenditure on farmer's health insurance household head 2
- 673: Expenditure on farmer's health insurance household head 3
- 674: Expenditure on farmer's health insurance household head 4
- 675: Expenditure on farmer's health insurance household head 5
- 676: Expenditure on farmer's health insurance household head 6
- 677: Expenditure on farmer's health insurance household head 7
- 678: Expenditure on farmer's health insurance household head 8
- 679: Expenditure on farmer's health insurance household income can not be taken apart to former income recipient
- 680: Expenditure on NHI sub-total amount
- 681: Expenditure on NHI household head 1
- 682: Expenditure on NHI household head 2
- 683: Expenditure on NHI household head 3
- 684: Expenditure on NHI household head 4
- 685: Expenditure on NHI household head 5
- 686: Expenditure on NHI household head 6
- 687: Expenditure on NHI household head 7
- 688: Expenditure on NHI household head 8
- 689: Expenditure on NHI household income can not be taken apart to former income recipient
- 690: Current transfer expenditures to abroad sub-total amount
- 691: Current transfer expenditures to abroad household head 1
- 692: Current transfer expenditures to abroad household head 2
- 693: Current transfer expenditures to abroad household head 3

- 694: Current transfer expenditures to abroad household head 4
- 695: Current transfer expenditures to abroad household head 5
- 696: Current transfer expenditures to abroad household head 6
- 697: Current transfer expenditures to abroad household head 7
- 698: Current transfer expenditures to abroad household head 8
- 699: Current transfer expenditures to abroad household income can not be taken apart to
 former income recipient
- 700: Insurance of NHI by employers sub-total amount
- 701: Insurance of NHI by employers household head
- 702: Insurance of NHI by employers household head 2
- 703: Insurance of NHI by employers household head 3
- 704: Insurance of NHI by employers household head
- 705: Insurance of NHI by employers household head
 5
- 706: Insurance of NHI by employers household head
- 707: Insurance of NHI by employers household head
- 708: Insurance of NHI by employers household head
- 709: Insurance of NHI by employers household income can not be taken apart to former income recipient
- 850: Expenditure on fisher-man's health insurance sub-total amount
- 851: Expenditure on fisher-man's health insurance household head 1
- 852: Expenditure on fisher-man's health insurance household head 2

853: Expenditure on fisher-man's health insurance -	882: Benefit of NAI - household head 2
household head 3	883: Benefit of NAI - household head 3
854: Expenditure on fisher-man's health insurance -	884: Benefit of NAI - household head 4
household head 4	885: Benefit of NAI - household head 5
855: Expenditure on fisher-man's health insurance -	886: Benefit of NAI - household head 6
household head 5	887: Benefit of NAI - household head 7
856: Expenditure on fisher-man's health insurance -	888: Benefit of NAI - household head 8
household head 6	889: Benefit of NAI - household income can not be
857: Expenditure on fisher-man's health insurance -	taken apart to former income recipient
household head 7	890: Lottery payout - sub-total amount
858: Expenditure on fisher-man's health insurance -	891: Lottery payout - household head 1
household head 8	892: Lottery payout - household head 2
859: Expenditure on fisher-man's health insurance -	893: Lottery payout - household head 3
household income can not be taken apart to	894: Lottery payout - household head 4
former income recipient	895: Lottery payout - household head 5
860: Expenditure on SI - sub-total amount	896: Lottery payout - household head 6
861: Expenditure on SI - household head 1	897: Lottery payout - household head 7
862: Expenditure on SI - household head 2	898: Lottery payout - household head 8
863: Expenditure on SI - household head 3	899: Lottery payout - household income can not be
864: Expenditure on SI - household head 4	taken apart to former income recipient
865: Expenditure on SI - household head 5	910: Lottery bonus - sub-total amount
866: Expenditure on SI - household head 6	911: Lottery bonus - household head 1
867: Expenditure on SI - household head 7	912: Lottery bonus - household head 2
868: Expenditure on SI - household head 8	913: Lottery bonus - household head 3
869: Expenditure on SI - household income can not be	914: Lottery bonus - household head 4
taken apart to former income recipient	915: Lottery bonus - household head 5
870: National annuity - sub-total amount	916: Lottery bonus - household head 6
871: National annuity - household head 1	917: Lottery bonus - household head 7
872: National annuity - household head 2	918: Lottery bonus - household head 8
873: National annuity - household head 3	919: Lottery bonus - household income can not be
874: National annuity - household head 4	taken apart to former income recipient
875: National annuity - household head 5	940: Benefit of NHI - sub-total amount
876: National annuity - household head 6	941: Benefit of NHI - household head 1
877: National annuity - household head 7	942: Benefit of NHI - household head 2
878: National annuity - household head 8	943: Benefit of NHI - household head 3
879: National annuity - household income can not be	944: Benefit of NHI - household head 4
taken apart to former income recipient	945: Benefit of NHI - household head 5
880: Benefit of NAI - sub-total amount	946: Benefit of NHI - household head 6
881: Benefit of NAI - household head 1	947: Benefit of NHI - household head 7

948: Benefit of NHI - household head 8 988: Benefit of GEI, LI, FHI, and SI - household head 949: Benefit of NHI - household income can not be 8 taken apart to former income recipient 989: Benefit of GEI, LI, FHI, and SI - household 950: Insurance of NHI by government - sub-total income can not be taken apart to former income recipient amount 1000: Total consumption expenditure 951: Insurance of NHI by government - household 1001: Main food 952: Insurance of NHI by government - household 1002: Supplementary food 1003: Milk, cheese and eggs head 2 1004: Fruits 953: Insurance of NHI by government - household head 3 1005 : Sugar, jam, honey, confectionery and seasonings 954: Insurance of NHI by government - household 1006: Non-alcoholic beverages 1010: Food and non-alcoholic beverages head 4 955: Insurance of NHI by government - household 1020: Tobacco, alcoholic beverages and betel nuts head 5 1021: Tobacco 1022 : Alcoholic beverages 956: Insurance of NHI by government - household 1030: Clothing and footwear head 6 957: Insurance of NHI by government - household 1031: Clothing 1032: Footwear 958: Insurance of NHI by government - household 1040 : Housing, water, electricity, gas and other fuels 1041: Actual rentals for housing 959: Insurance of NHI by government - household 1042: Imputed rentals of owner-occupiers income can not be taken apart to former income 1043: Imputed rentals of issued and leased recipient 1044: Maintenance and repair of the dwelling 980: Benefit of GEI, LI, FHI, and SI - sub-total amount 1045: Water supply and refuse collection 981: Benefit of GEI, LI, FHI, and SI - household head 1046: House insurance 1 1047 : Electricity 982: Benefit of GEI, LI, FHI, and SI - household head 1048 : Gas 1049: Liquid and solid fuels 1060: Furnishings, household equipment and routine 983: Benefit of GEI, LI, FHI, and SI - household head household maintenance 984: Benefit of GEI, LI, FHI, and SI - household head 1061: Furniture and furnishings 1062: Household textiles 1063: Durable household equipment 985: Benefit of GEI, LI, FHI, and SI - household head

1066: Non-durable household goods

miscellaneous accessories

1073: Home appliances 2 of sub-total amount

1065: Domestic services and household services

1064 : Glassware, tableware, small tools and

986: Benefit of GEI, LI, FHI, and SI - household head

987: Benefit of GEI, LI, FHI, and SI - household head

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1080: Health	1143: The Internet, phone bills, cellphone bills
1081: Therapeutic equipment	including monthly rental (excluding business
1082: Outpatient and hospital services	purpose), and other communication bills (fax
1083: Pharmaceutical and other medical products	machine faxing fees and faxing paper fees)
1084: Life & casualty insurance	1150: Recreation and culture
1085: Medical consumption of NHI	1151: Package holidays
1091: General out-patient dental charges	1152: Recreational and cultural services
1092 : Expenditure on dentures, denture and correct	1153: Newspapers, books and stationery
1093: Western medicine outpatient expenses	1154: Recreational facilities
1094 : Chinese medicine outpatient expenses	1161: Study abroad, winter (summer) camp, graduation
1095 : Childbirth expenses	trip and off-campus teaching
1096: Hospital diagnosis and treatment fee	1162: Miscellaneous package holidays
1097 : Expenditure on chronic nursing homes, nursing	1163: The monthly rental and choice-freevideo bills of
homes, maternity care center and home care etc.	cable television, multimediachoice-freevideo, etc.
1098: Laboratory fee and radiotherapy fee	1164: Annual purchase of textbooks, reference books,
1099 : Folk medical expenses	handouts and other learning books
1101: Medical certificate fee and others	1165: The total of newspapers and magazines
1102: Western medicine expenditure	1166 : Computer software purchase (rent) fee
1103 : Chinese medicine expenditure	1167: The total home appliances 1
1104: Health food and health care supplies	1168: Purchase expenses within current year of home
1110: Transport	computers
1111: Purchase of vehicles	1169: Repair and maintenance expenses of home
1112: Operation of transport equipment	computer
1113: Transport services	1171: Purchase expenses within current year of
1114: Insurance of vehicles	computer peripherals
1121: The total of this year's purchase fees of	1172: Repair and maintenance expenses within current
transportation means	year of computer peripherals
1122: The total of the repair and maintenance fees of	1180 : Education
transportation means	1181: Tuition of the formal education
1123: The total of the gas fares and parking fees of cars	1182: Tuition except for the formal education and
and scooters	tutors
1130 : Communication	1183: Tutors
1131: Purchase of communication equipment	1191: Kindergartens care costs
1132 : Operation of communication equipment	1192: Pay tuition fees and activities of the school,
1133: Postal and communication services	school registration fee
1141: The total of the annual purchase fees and rental	1200: Restaurants and hotels
of communication equipment	1201 : Catering services of marriage, birth and funeral
1142: The total of the repair and maintenance fees of	1202: Food and beverages in restaurants
communication equipment	1203 : Board

1204: Accommodation services

1220 : Miscellaneous goods and services

1221: Jewellery, clocks, watches and other personal effects

1222: Financial services

1223: Appliances, articles and products for personal care

1224: Hairdressing salons and personal grooming establishments

1225 : Expenses of marriage, birth and funeral (food excl.)

1226: Other miscellaneous expenses

1227: Non-saving insurance

1228: Social protection

1235 : Marriage expenses

1236: Funeral expenses

1237 : Other expenses (excluding marriage and funeral expenses)

1238 : Children nanny expenses

Appendix 3: Table for the Values of Compressed Characters

Note: The amounts of income and expenditure items are recorded as compressed format by alphabet characters. Please refer to the following table for the values of compressed characters.

{ 0 J K K B 2 L	cription
B 2 L	-1
	-2
	-3
C 3 M	-4
D 4 N	-5
E 5 O	-6
F 6 P	-7
G 7 Q	-8
H 8 R	-9
I 9 }	-0

e.g.

 $193C \rightarrow 1933$

 $193L \rightarrow -1933$