

Session 11

Data Collection with Internet

Macau S.A.R. of China Statistics and Census Service

統計暨普查局 DSEC

Outlines

- Overview in 2016 Population By-census
- Overview in Data Collection with Internet
- Steps for Complete Internet Questionnaire
- Steps for Verify Internet Questionnaire
- Internet Questionnaire System
- DSEC Mobile App
- Monitoring



Overview in 2016 Population By-census

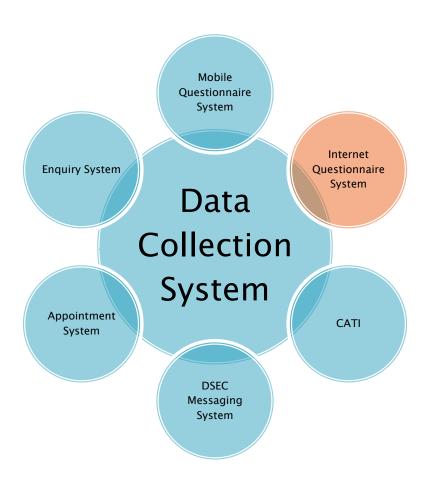


Overview in 2016 Population By-census

- Conducted over a period of 15 days
- Sampling fraction of one-seventh
- About 33,000 housing units
- About 800 enumerators







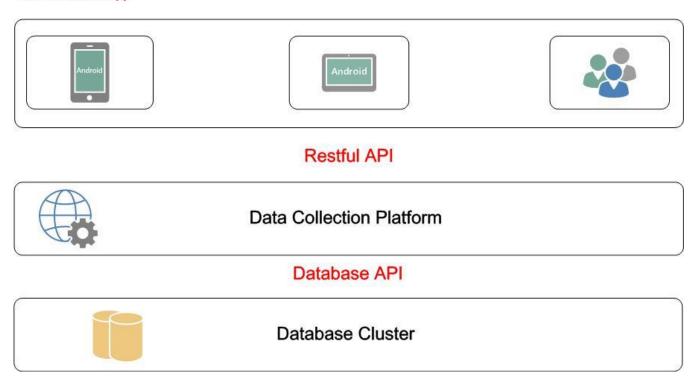




- Conducted over a period of 9 days
 - Within the face-to-face interview period
- About 16.9% collected by Internet
- Methods for data collection with Internet
 - Internet Questionnaire System
 - DSEC Mobile App
 - iOS
 - Android



Internet Questionnaire System DSEC Mobile App





Steps for Complete Internet Questionnaire



Steps for Complete Internet Questionnaire

- Receive the notification letter
- 2. Activate the Internet Questionnaire
- 3. Receive the verification code by mobile
- Fill the questionnaire by reference number and verification code
- 5. Complete the questionnaire
- 6. Will call the household later for data verification





Steps for Verify Internet Questionnaire

- Phone to the household for verification
- Verify the verification code
- Ask household basic characteristic data
- Complete the verification



Internet Questionnaire System

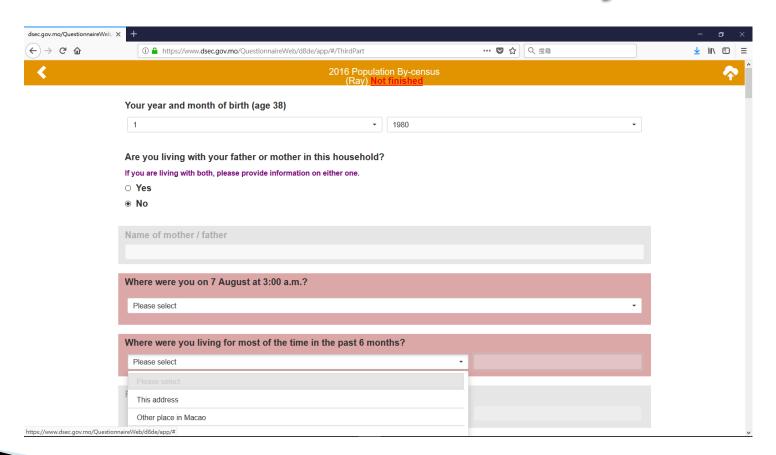


Internet Questionnaire System

- Web
 - HTML5
 - AngularJS
- Responsive
 - Desktop
 - Mobile
- Multiple languages
- Questionnaire flow and validation
- Support Online and offline mode
- Data encryption



Internet Questionnaire System





DSEC Mobile App



DSEC Mobile App

- Publication
 - Latest release
 - Indicators
 - Statistics publication
- Data Collection
 - Online Questionnaires
 - Internet Questionnaire System





DSEC Mobile App

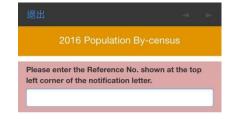


→ Principal Indicators

•	
Composite Consumer Pri	ce Index - Year-on-year
(Apr/2018)	2.88 %
Population Estimate	
(1st Quarter/2018)	656.7 '000
Overall unemployment ra	te
(Feb - Apr/2018)	1.9 %
Gross revenue of games	of chance
(May/2018)	25,489 million MOP
Visitor arrivals	
(Apr/2018)	2,960,879 No.
Overall median monthly e	employment earnings
(1st Quarter/2018)	16,000 MOP
Tax revenue from gaming	sector
(Apr/2018)	9.832 million MOP

E Latest News	Q
• Residential Property Pri	>
• External Merchandise T 2018/05/31 09:17	>
• Package Tours and Hot 2018/05/30 15:51	>
• MICE Statistics for the 2018/05/30 12:50	>
• Gross Domestic Produ 2018/05/29 13:49	>
• Survey on Manpower 2018/05/29 11:54	>
• Employment Survey for 2018/05/28 09:25	>
• Visitor Expenditure Sur	>
• Health Statistics 2017 2018/05/24 12:58	>







Monitoring



Monitoring

- Progress report
 - Complete
 - In progress
 - Never
- Notify staff
 - DSEC Messaging System
- Reminder
 - Remind household a few days before deadline (SMS)

R-1 調查員進度表(累計)

	項目	總數					調查員					
	2000000	10,500,5	60111	60112	60121	60122	60131	60132	60141	60142	60151	60152
單位	總數	540	54	54	54	54	54	54	54	54	54	54
已歸		- 1	1	0	0	0	0	0	0	0	0	-
	碼/符覆核	20	19	1	0	0	0	0	0	0	0	- 1
未完	統 探訪	15 504	23	49	0	54	0 54	0 54	54	0 54	0 54	56
征木	採初 已開通網上	504	23	2	54 0	0	0	0	54 0	0	0	34
	已預約	4	4	0	0	0	0	0	0	0	0	(
	沒有記錄	496	17	47	54	54	54	54	54	54	54	54
00 1%	訪比率(%)	6.7	57,4	9.3	0,0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	探訪比率(%)	93.3	42.6	90.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-						-						
	總數	546	59	55	54	54	54	54	54	54	54	54
CBB	榴(數目)	0.2	1.7	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	(佔總數%) 網上填報	0.2	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
652265	34上填報 (研/符覆核	25	23	2	0	0	0	0	0	0	0	0
1.1100				-								
Said West	網上填報	. 5	5	0	0	0	0	0	0	0	0	0
	避回	1	1	0	0	0	0	0	0	0	0	0
未完		15	11 23	4	0	0	0	0	0	0	0	0
從木	探訪	504	23	49	54	54	54	54	54	54	54	54
	已開婚網上	4		2	0		0	0				0
	已預約	4	4	0	0	0	0	0	0	0	0	0
	沒有記錄	496	17	47	54	54	54	54	54	54	54	54
曾探	訪總數	43	37	6	0	0	0	0	0	0	0	0
	11 数目	6	6	0	0	0	0	0	0	0	0	0
	佔總數%	14.0	16.2	0.0	- 0	- 0	- 0		- 0	-	- 0	
	12 已結案 未结案	18	14	4	0	0	0	0	0	0	0	0
	13	10	1	0	0	0	0	0	0	0	0	0
	14 已結案	0	0	0	0	0	0	0	0	0	0	0
	未结案	0	0	0	0	0	0	0	0	0	0	0
	15	0	0	0	0	0	0	0	0	0	0	- 0
版	16	8	7	1	0	0	0	0	0	0	0	0
	己開翅網上	0	0	0	0	0	0	0	0	0	0	0
	已預約	0	0	0	0	0	0	0	0	0	0	0
48	17	1	0	1	0	0	0	0	0	0	0	0
	已開通網上	0	0	0	0	0	.0	0	0.	0	0	.0
	已預約	0	0	0	0	.0	0	0	0	0	0	0
VR		1	1	0	- 0	- 0	0	- 0	0	0	0	.0
	21	1	1	0	0	0	0	0	0	0	0	0
	22	0	0	0	0	0	0	0	0	0	0	. 0
	23	0	0	0	0	0	0	0	0	0	0	0
	24	3	3	0	0	0	0	0	0	0	0	0
	26	0	0	0	0	0	0	0	0	0	0	0
=	上	0	0	0	0	0	0	0	0	0	0	
	未結案 31	3	3	0	0	0	0	0	0	0	0	- 0
總人	數	39	30	9	0	.0	0	0	0	0	0	- 0
開通	網上填卷總數	10	8	2	0	0	0	0	0	0	0	0
	完成填報	6	6	0	0	0	0	0	0	0	0	0
	佔總數(%)	60.0	75.0	0.0			- 2	-		-		
未	完成填報	4	2	2	0	0	0	0	0	0	0	0
644	未填卷	0	0	0	0	0	0	0	0	0	0	0



Thank You