



綠 領 行 動

GREENERS ACTION

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本會網頁：www.greeners-action.org

19 November 2020

Survey 1: Report of "Habits of Using Face Masks During The Epidemic In Hong Kong"

Reasons for the survey:

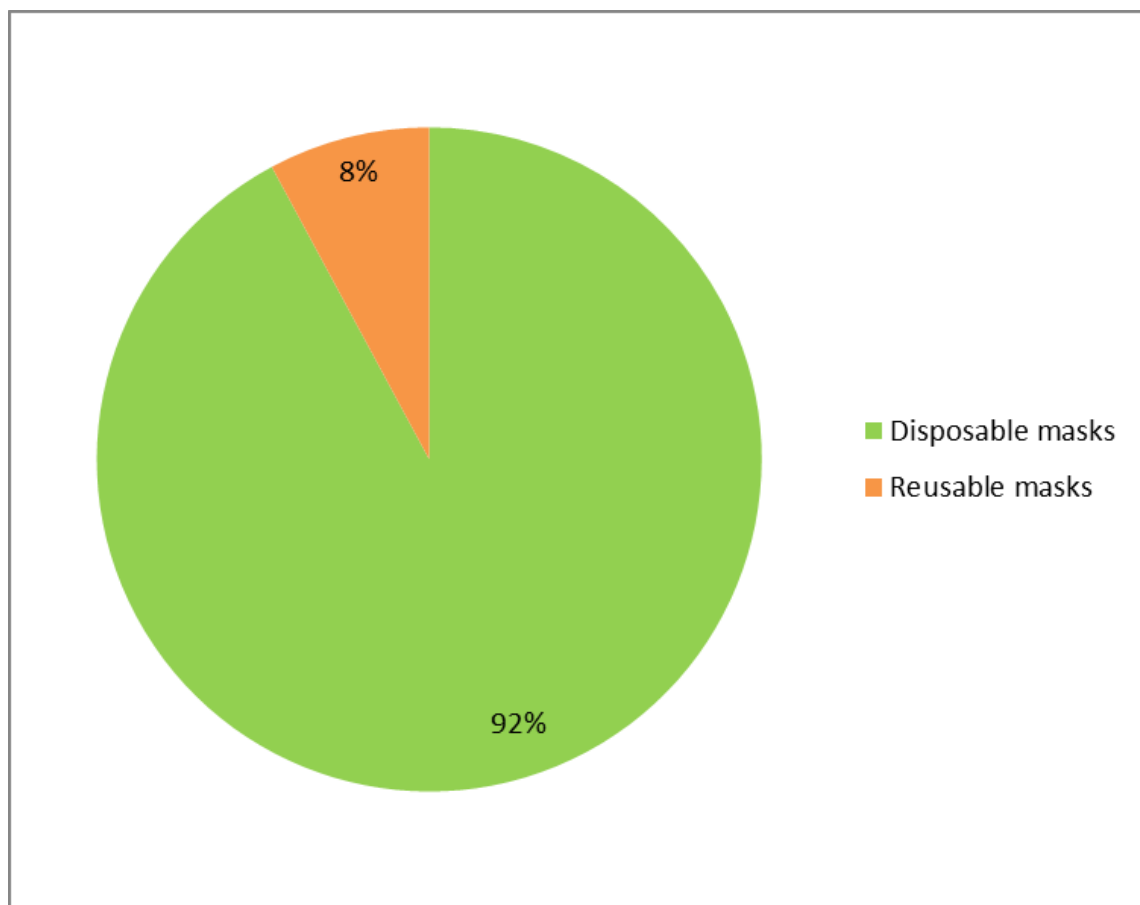
To understand HK people's habits and reasons of using face masks such as disposable masks and reusable masks during the epidemic.

Survey method:

From October 13th to 31st, 2020, online questionnaires had been used to collect data regarding HK people's habits of face masks usage during the epidemic.

Results of the survey: There are 1,095 valid responses in total.

1. What kind of face masks do you use the most recently?

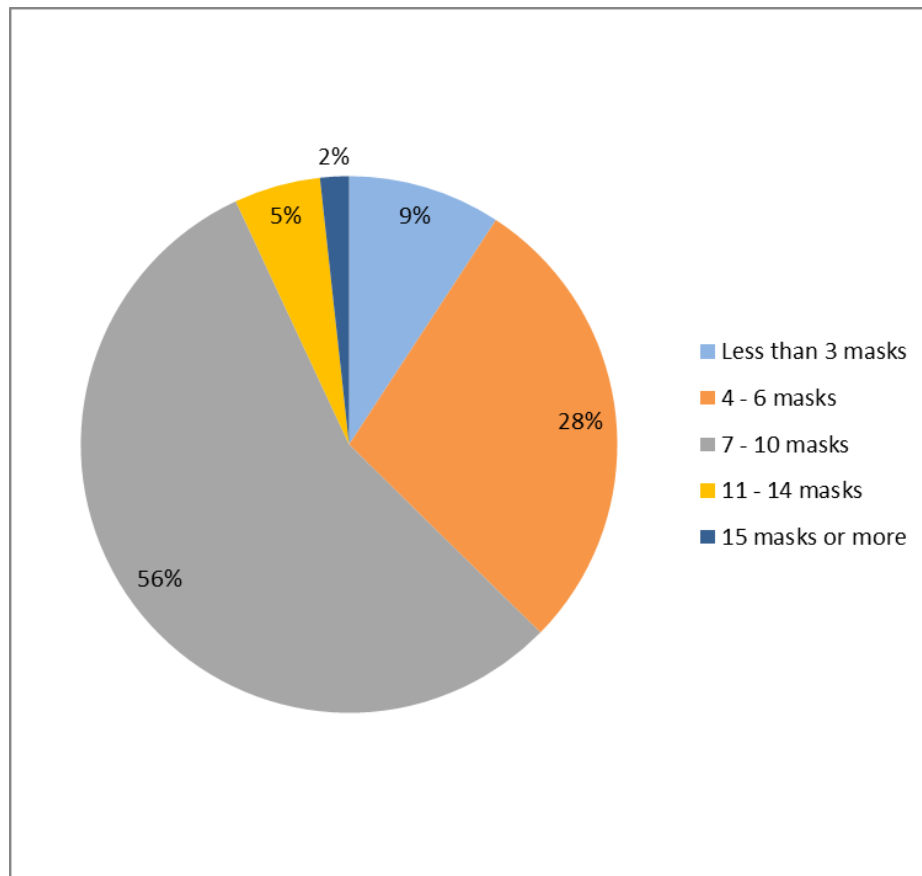


有關綠領行動

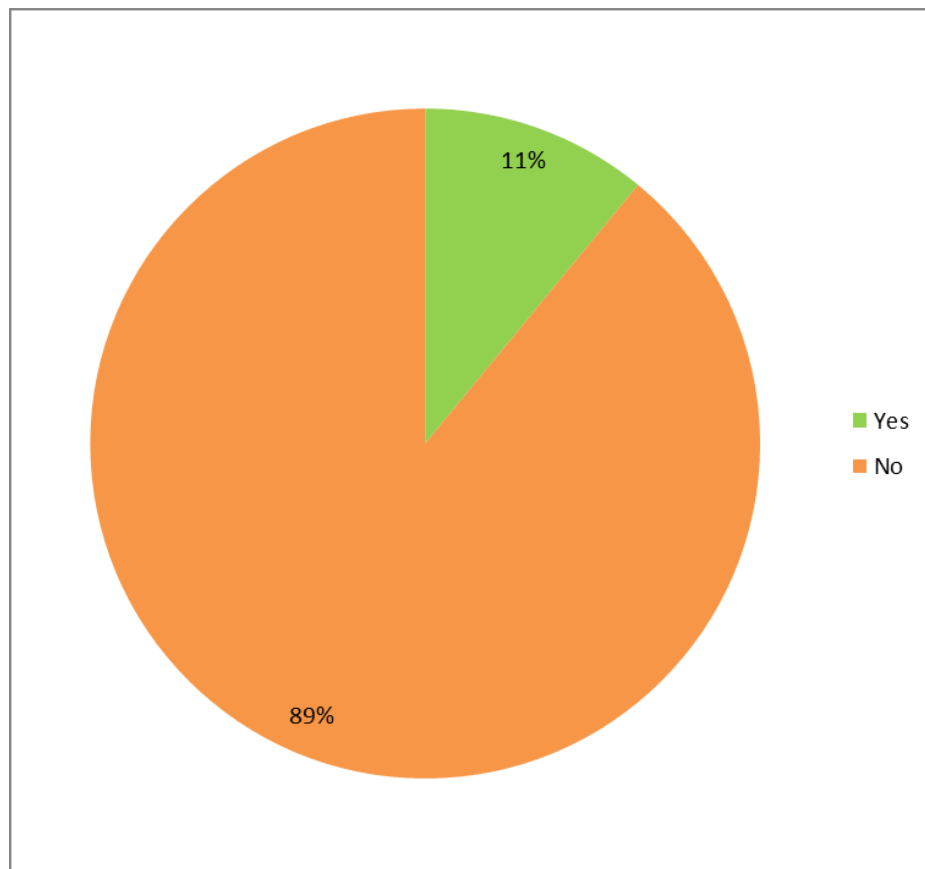
綠領行動(Greeners Action)，於 1993 年成立，宗旨是透過持續教育，達致全民珍惜地球資源以行動實踐綠色生活，令香港進入綠色新世代。本會是一個註冊環保組織及慈善機構，稅務檔案編號為 91/8885。

本會的工作包括不同類型的減廢、回收工作，如「衣食無憂食物分享計劃」、「廚餘審計」、「利是封回收重用大行動」及「粉墨再生回收計劃」等，還有早前與環境保護署合作的「廚餘循環再造合作計劃」、「社區回收有 FUN 店」，另有成功推行「無膠袋日」、「報紙不要袋」、「小學環保午膳」、「有衣食運動」等倡議及教育工作，藉以將有關訊息帶給市民大眾及有關部門，以引起他們的關注。本會亦積極為青少年舉辦環保活動，提升他們的環保意識；由減用膠袋、珍惜食物等切身的生活小節開始，節約地球資源，推動青年人成為未來環保領袖。本會網頁：www.greeners-action.org

2. How many face masks did you personally use and dispose of in the past 7 days?

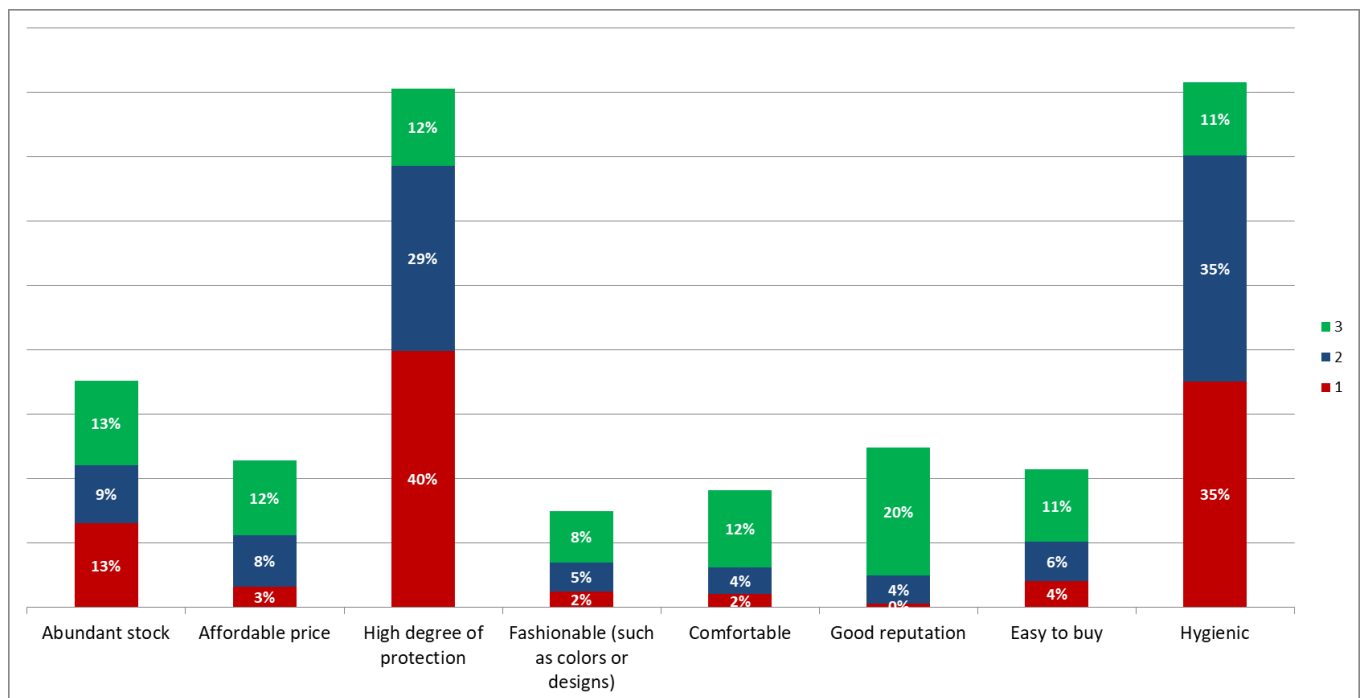
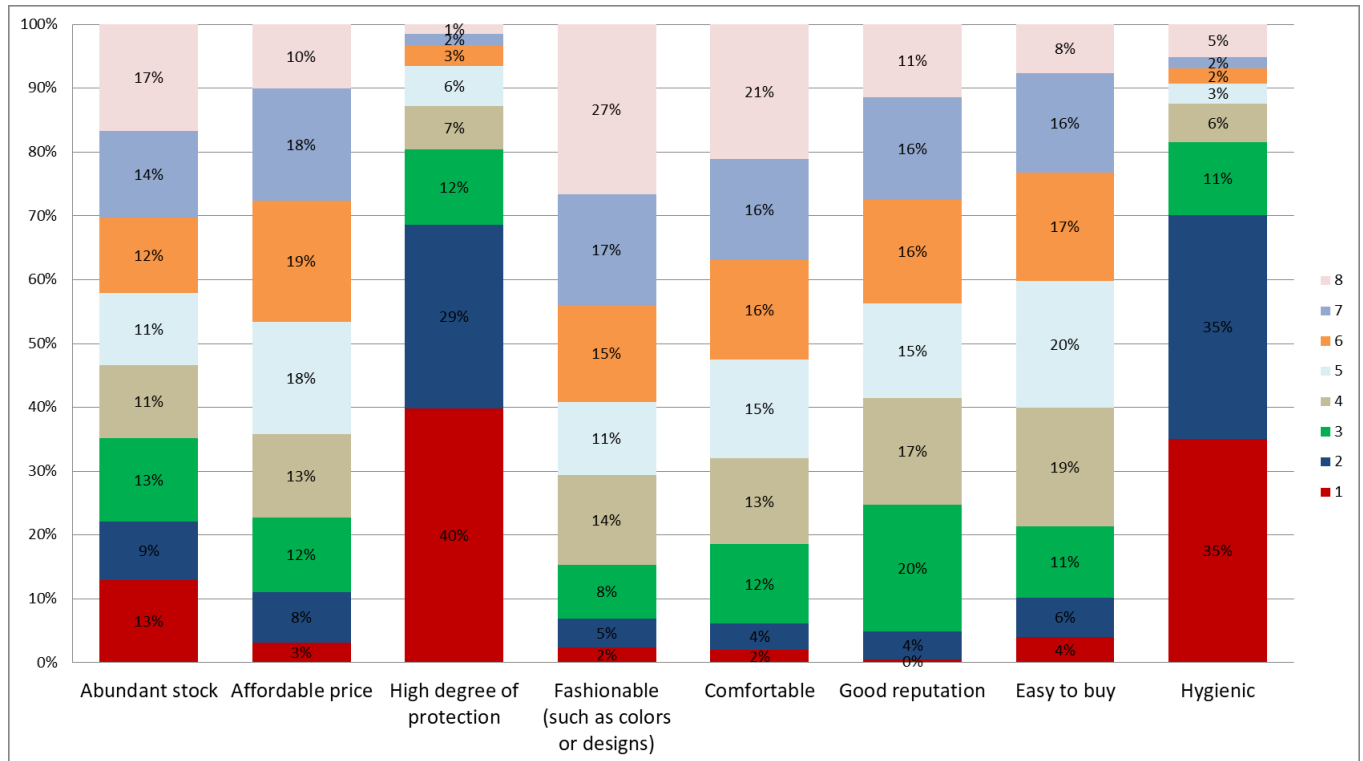


3. Have you put used disposable masks in the garbage bin dedicated for used masks?



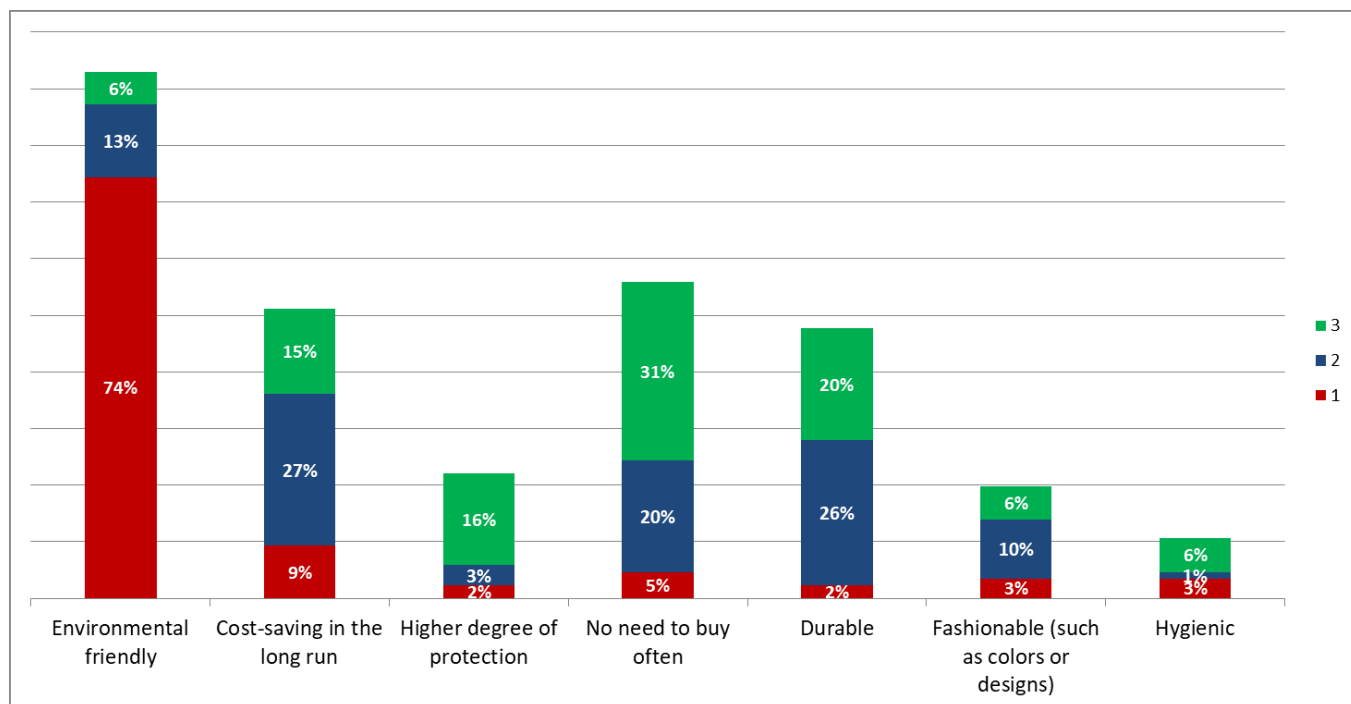
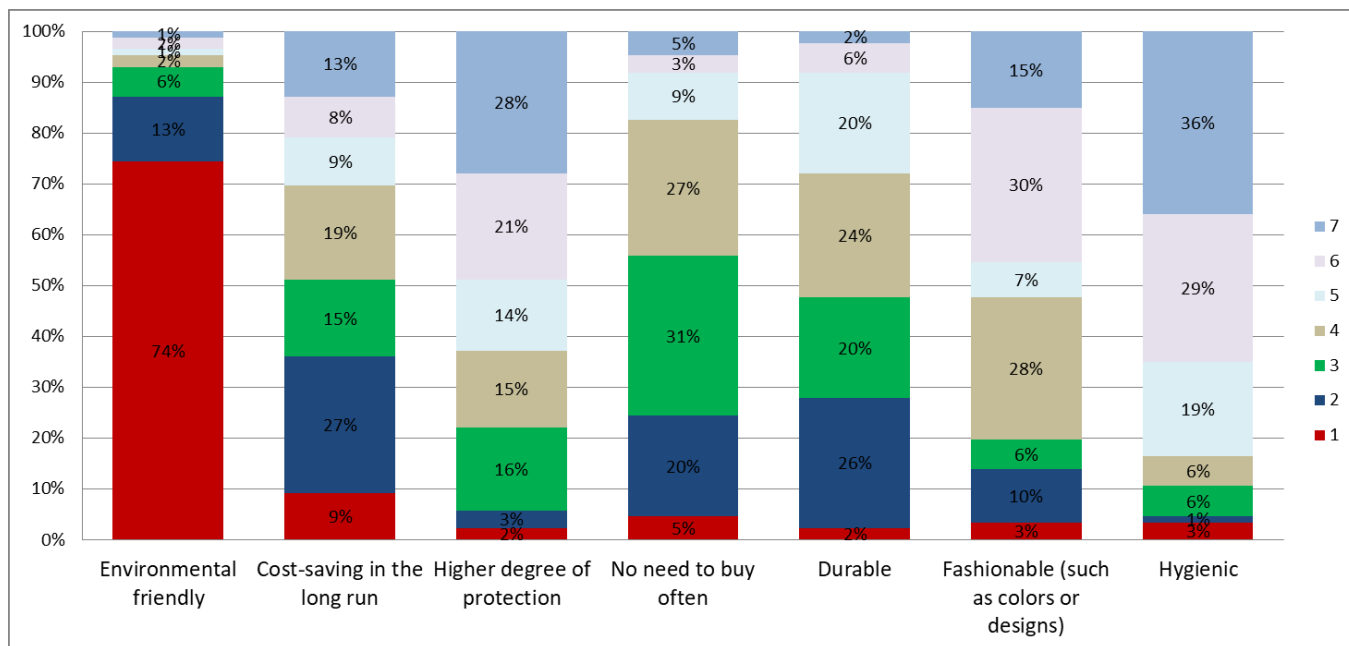
4. Why did you choose to use disposable masks instead of reusable masks? (Please rank according to importance, 1 is the most important, and 8 is the least important. Please fill in all the options.)

There are 1,009 responses in total.



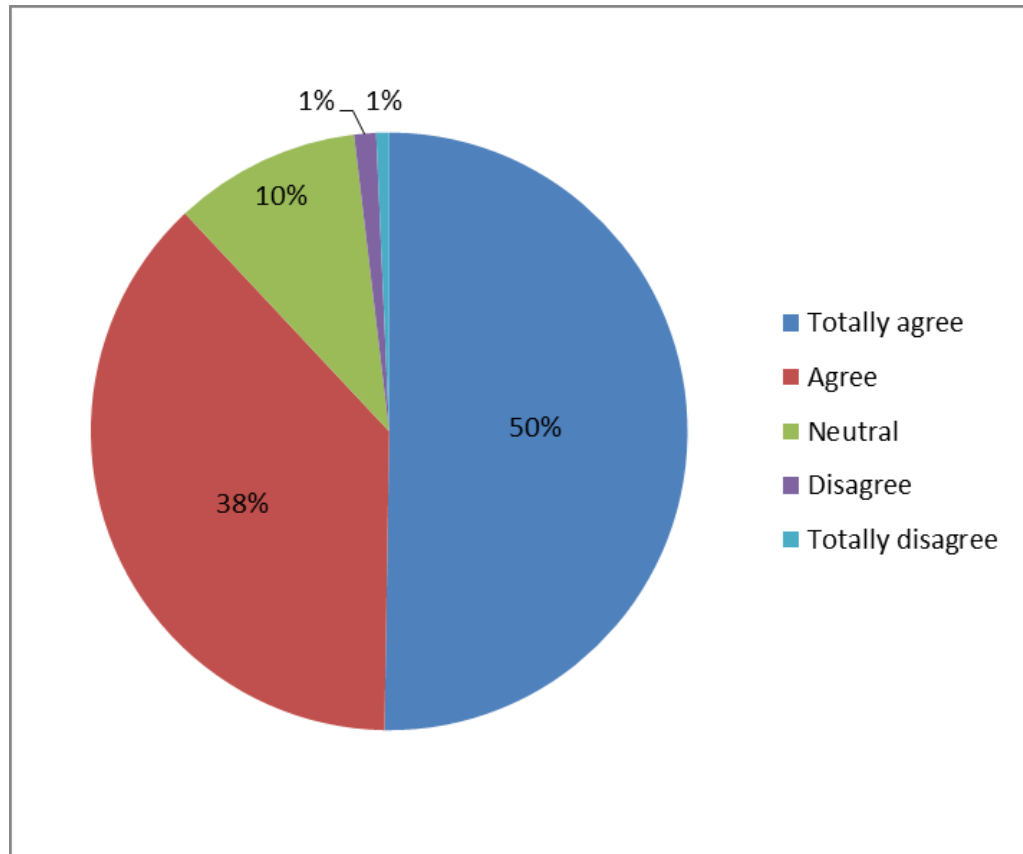
5. Why did you choose to use reusable masks? (Please rank according to importance, 1 is the most important, and 7 is the least important. Please fill in all the options.)

There are 86 responses in total.

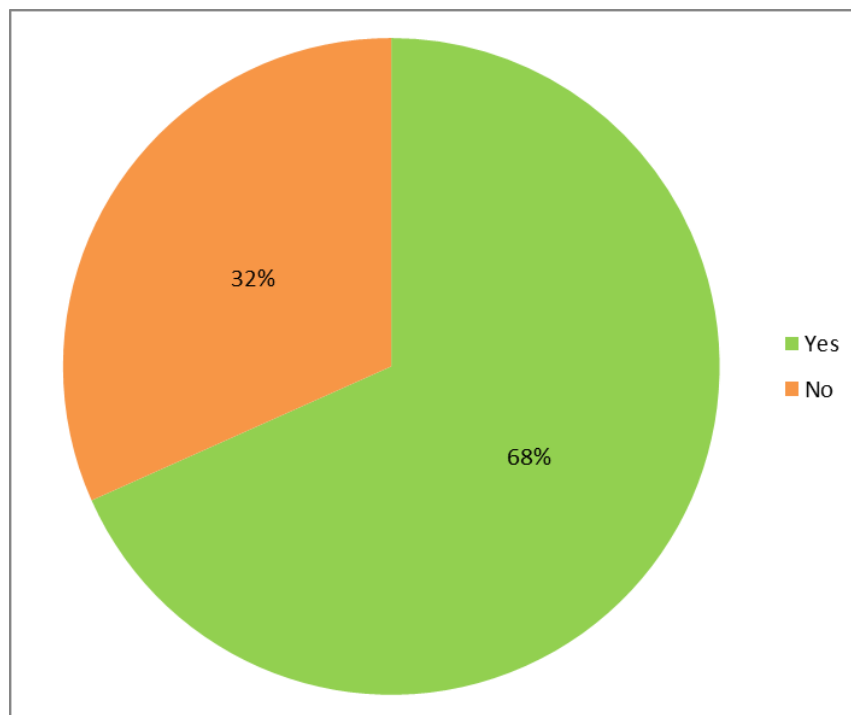


6. How much do you agree that using disposable masks will damage the environment?

There are 1,009 responses in total.

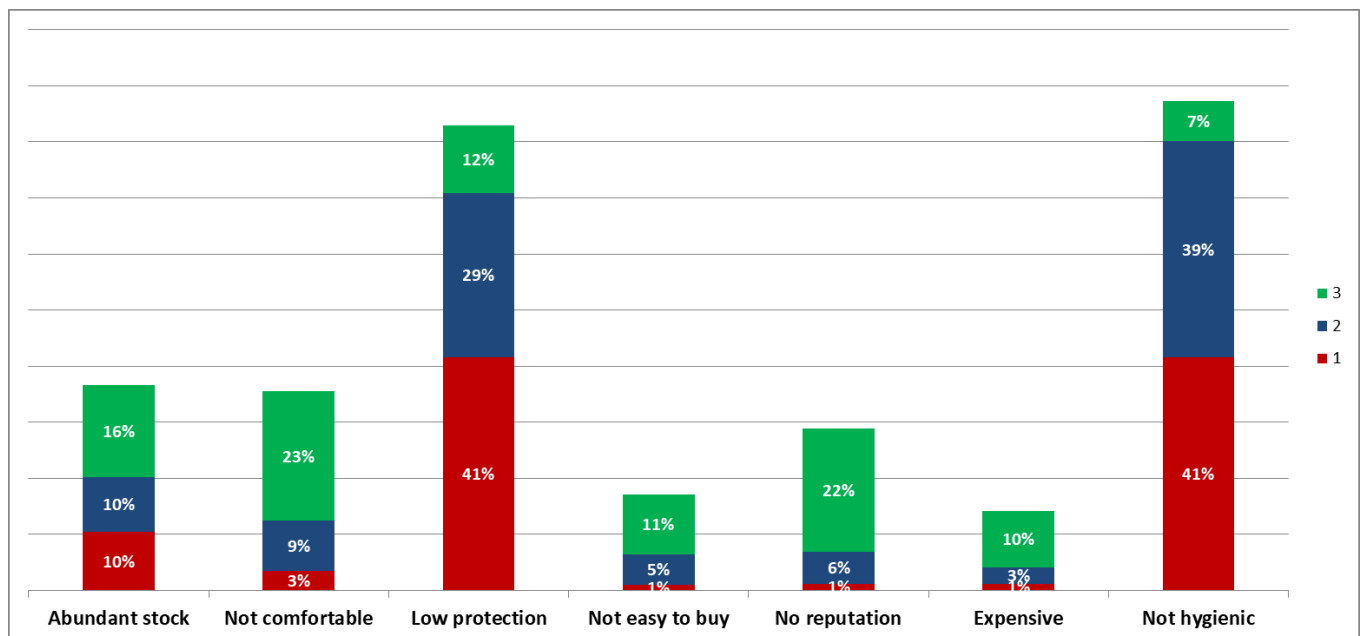
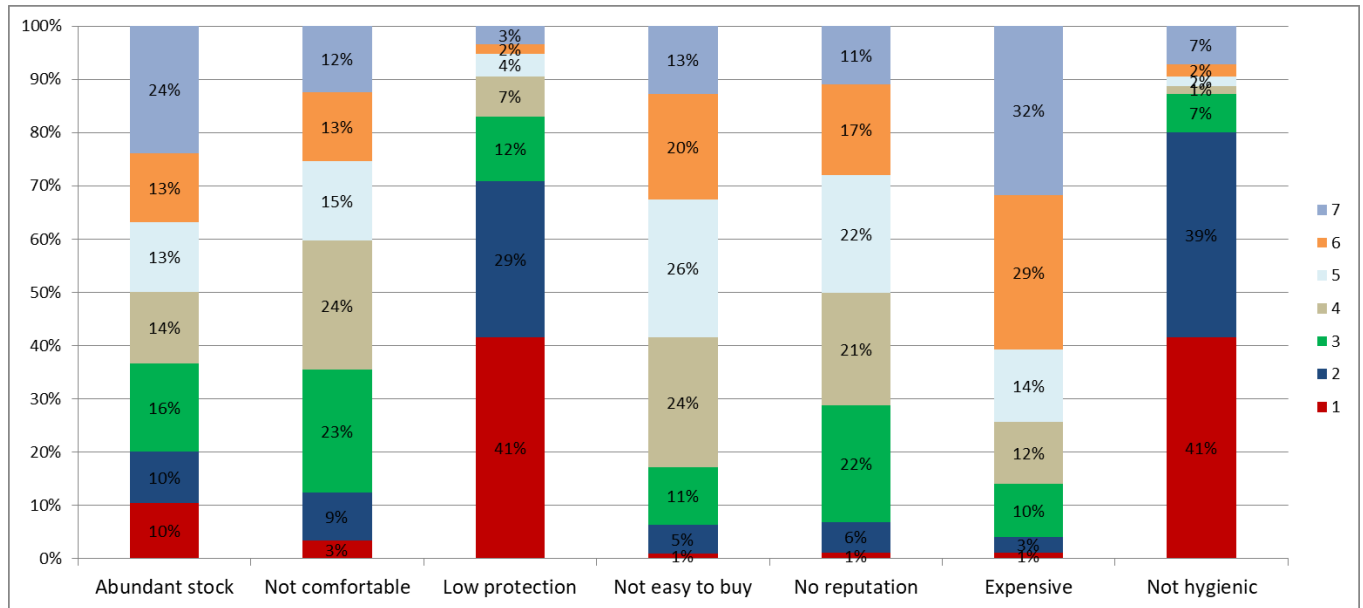


7. Will you use reusable masks if the epidemic continues?

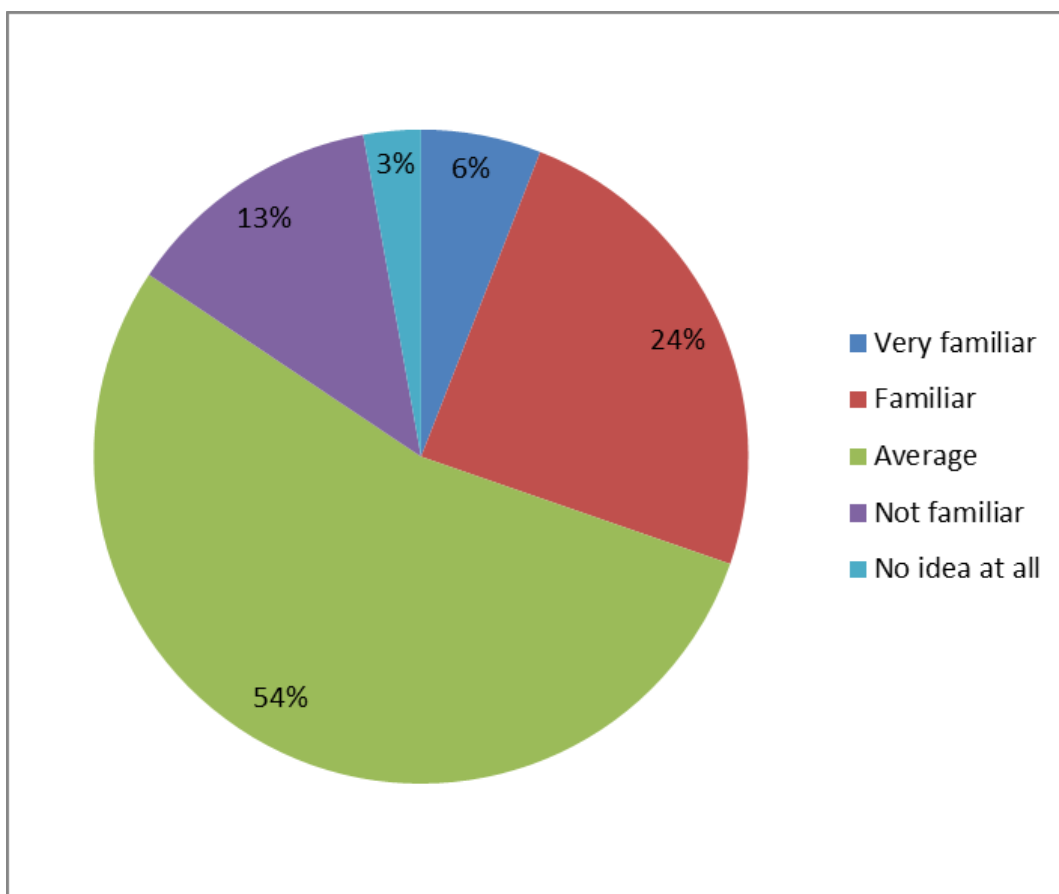


8. What are the reasons of not using reusable masks? (Please rank according to importance, 1 is the most important, and 7 is the least important. Please fill in all the options.)

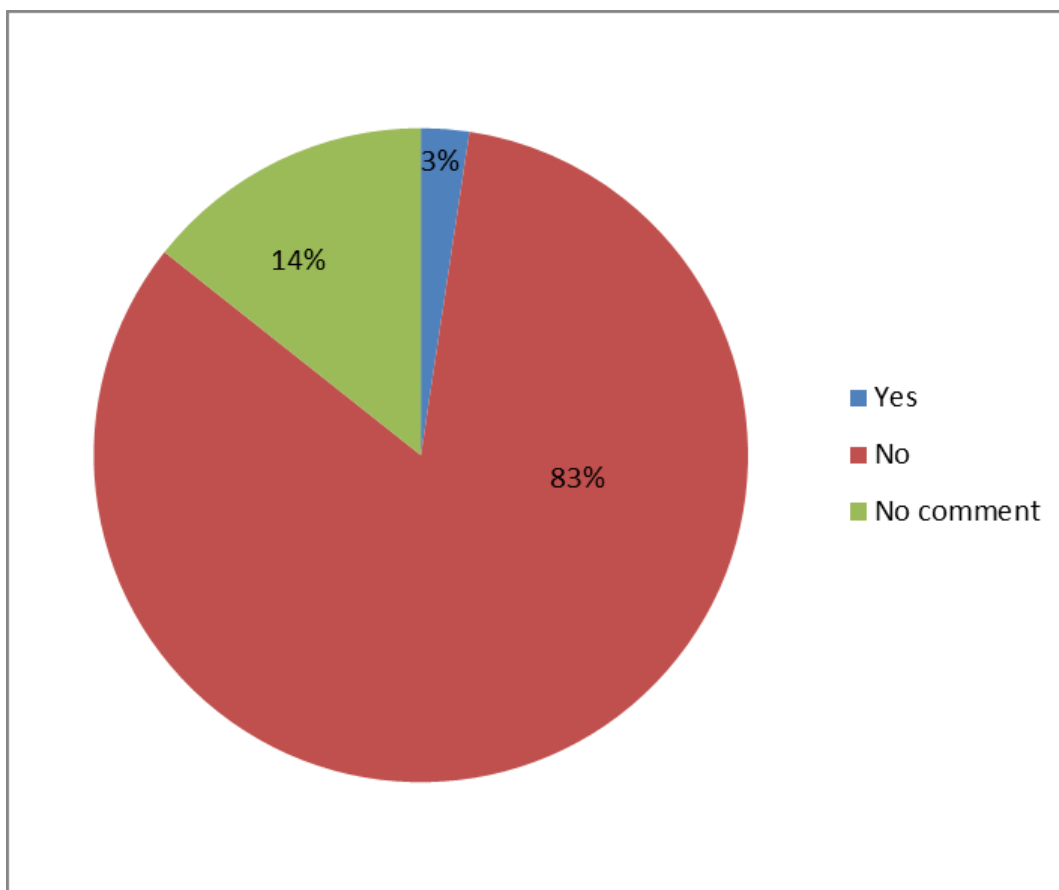
There are 347 responses in total.



9. How much do you know about reusable masks?

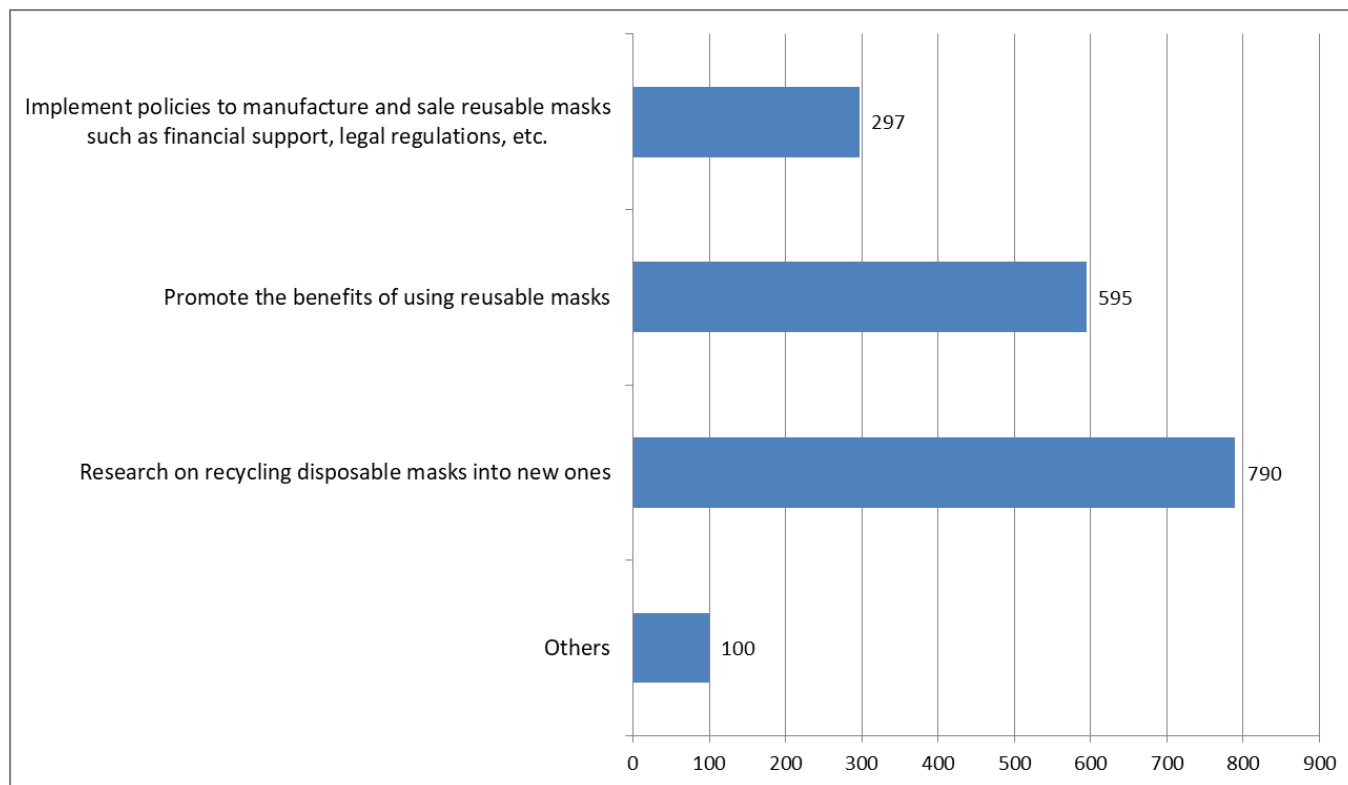


10. Do you think the government has properly dealt with the environmental problems caused by disposable masks recently?

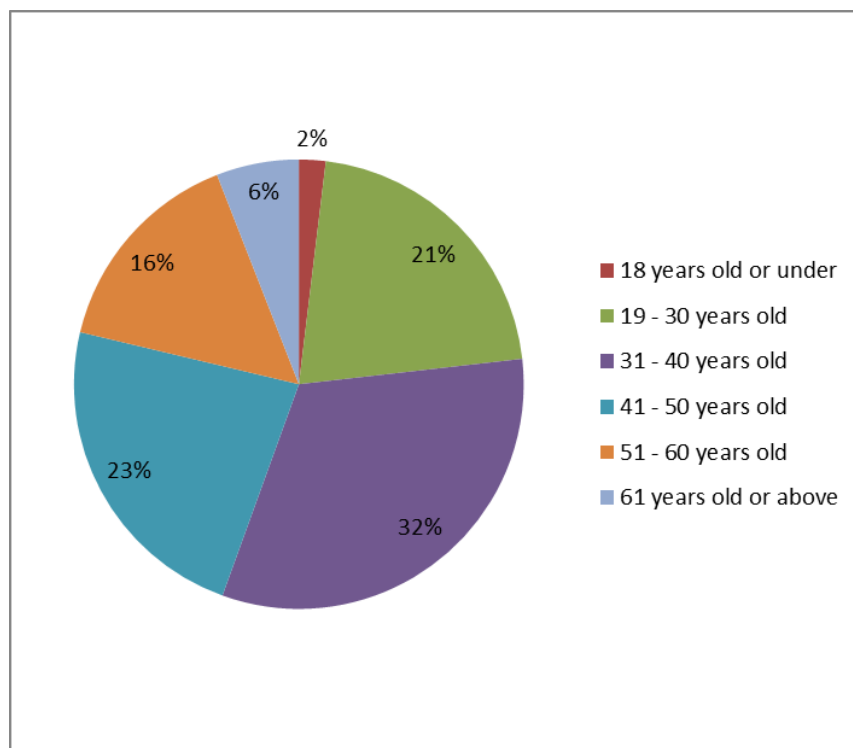


11. **How do you think the government should deal with the environmental problems caused by disposable masks during the epidemic? (You may choose one option or more.)**

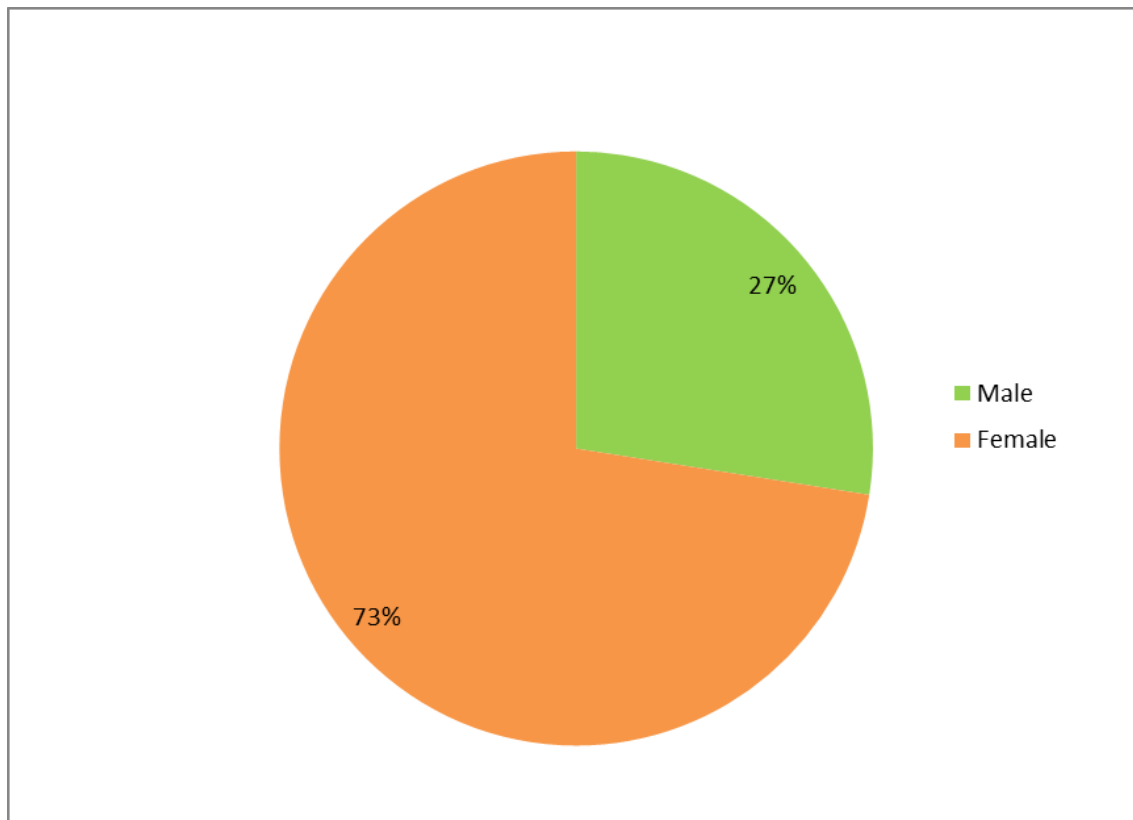
There are 1,682 responses in total.



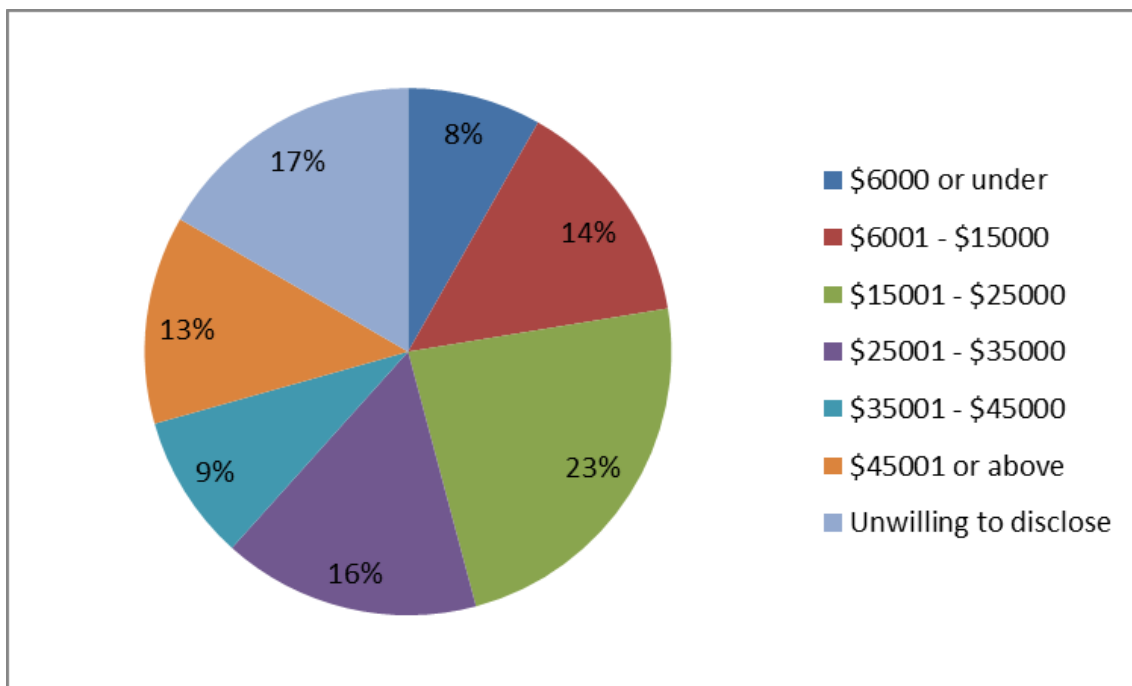
12. **What is your age?**



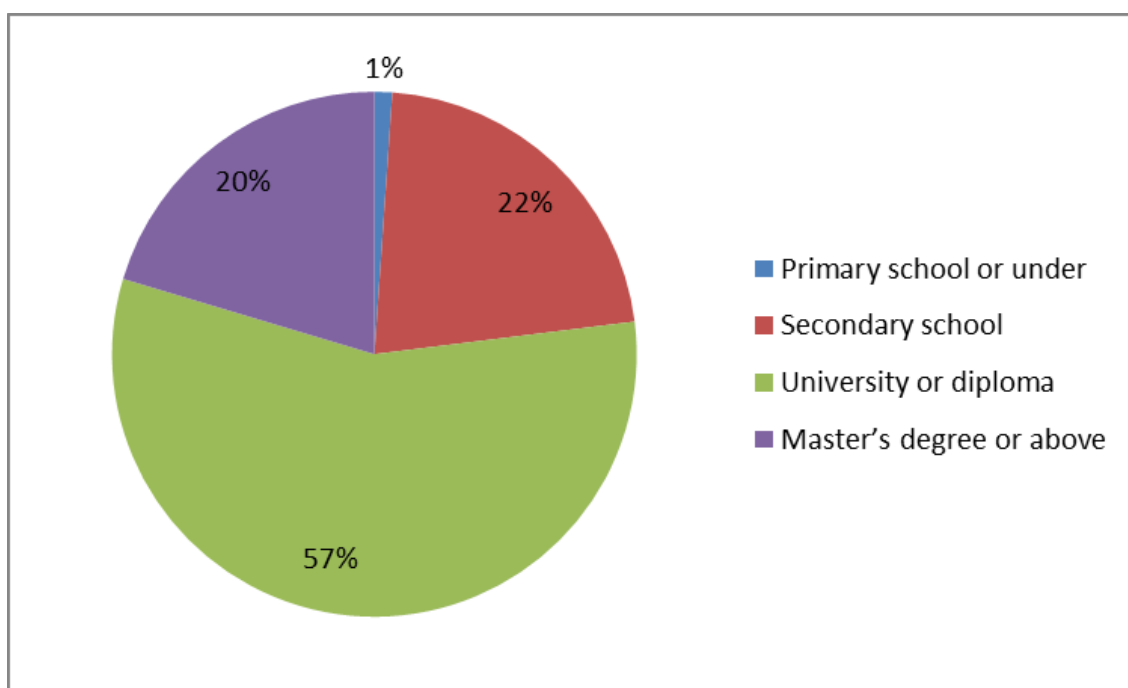
13. What is your gender?



14. What is monthly income?


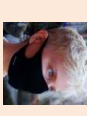





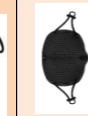














15. What is your education level?



Survey 2: 20 Reusable masks Report



			Degree of Protection			Degree of Protection (After multi-time usage)			Price				
Types of Mask	Number	Product Name	Reusable Mask Cat.	Filtration Efficiency	Score(1)	Reusable Times(2)	Antibacterial test report after multi-time usage	Score(3)	Reference Price (HKD)(4)	Reference Price of Filter (HKD/PC)	Average Daily Price (HKD)(5)	Score(6)	Materials Used
Listing masks included those laboratory certification that can be viewed online or data has been provided to Greeners Action													
	1	Nanofit Reusable Fabric Mask	Non-replaceable Filter	BFE>93% PFE>78%	👍 👍	125 times	BFE>93% PFE>99%	👍 👍 👍	288	N/A	2.3	👍 👍 👍	Surface: Nanotechnology processed fabric Middle layer: reusable filter Bottom: All cotton cloth
	2	Memask Nano Technology	Non-replaceable Filter	VFE>97% PFE>97%	👍 👍 👍	Approx. 2 months	No information (Vanes with air quality indications of different regions)	👍	198	N/A	3.3	👍 👍	Nanofibers organic cotton
	3	Xpure Anti-Pollution Mask	Non-replaceable Filter	VFE>99%	👍 👍 👍	200 times	0.26um (MMD) Filtration Efficiency 60.72%	👍 👍	155	N/A	0.8	👍 👍 👍	Nanofibers Collagen lining
	4	Re-Mask Pro	Non-replaceable Filter	VFE>99%	👍 👍 👍	3 months to 1 year	No information	👍	228	N/A	0.7-2.6	👍 👍 👍	Nanofibers organic cotton
	5	Cambridge Mask the Watson pro	Non-replaceable Filter	PFE>98% VFE>99%	👍 👍 👍	3-6 months	No relevant testing (Vanes with air quality indicators of different regions)	👍	258	N/A	1.4-2.9	👍 👍 👍	Activated carbon filter cloth
	6	Lockkill FaceOff Reusable Facewear	Non-replaceable Filter	BFE >95%	👍 👍	20 times	No information	👍	236	N/A	11.8	👍	Polyester Elastic fiber
	7	AA99@ AntiViral Antibacterial Reusable FaceMask	Non-replaceable Filter	Isolate 99% of bacteria and viruses	👍	50 times	No information	👍	99	N/A	2	👍 👍 👍	Polyurethane Cotton Polyester
	8	Sunna Washable Anti-bacterial Copper Mask	Non-replaceable Filter	Antibacterial protection (cloth layer) reaches 99.9% (Filter not included)	👍	100 times	After 100 times usage, cloth layer filter keeps 99.9% antibacterial protection (Filter not included)	👍	148	N/A	1.48	👍 👍 👍	Polyester Spandex Cotton Acrylic Antibacterial copper wire
	9	Imoskin Reusable face mask	Non-replaceable Filter	Kills 99.9% of bacteria and viruses	👍	50 times	No information	👍	288	N/A	5.8	👍	Minimal material fabric
	10	GH Washable & Reusable Antibacterial Face Mask	Non-replaceable Filter	Escherichia coli Staphylococcus aureus Klebsiella pneumoniae	👍	20 times	No Response	👍	198	N/A	9.9	👍	Polyester fabric

	11	Hoosah KN94 Reusable Mask	Replaceable Filter	Filters out 94% 0.4µm size particles	👍👍	Approx. 1 week	Depends on air quality	N/A	250	24	3.5	👍👍	Polyester Acrylic Polypropylene Harmless nylon Thermoplastic rubber (TPE)
	12	Meo Lite Reusable Mask	Replaceable Filter	PFE>99%	👍👍👍	2-3 weeks	Varies with air quality indicators of different regions	N/A	299	63	3-4.5	👍👍	Non-woven Wool
	13	O2 Mask	Replaceable Filter	BFE>99% VFE>99%	👍👍	1-2 weeks	Depends on air quality	N/A	\$40	15	1.1-2.2	👍👍👍	Silicone
	14	Delone KN95/KN90	Replaceable Filter	PFE>98%	👍👍	Approx. 3 days	Depends on air quality	N/A	128	8.3	2.8	👍👍👍	Silicone Melt blown non-woven fabric (ABFP) Nylon Elastic fiber
	15	CHITTON™ - Pro 6 Mask	Non-replaceable Filter	BFE>98%	👍	60 times	No information	👍	198*	N/A	3.3	👍👍	Outer layer: nylon spandex Inner layer: non-woven fabric
	16	COPPERLINE KOREA Anti-microbial Mask	Non-replaceable Filter	Cloth layer VFE>70% (Additional filter VFE>99%)	👍👍	30次	Cloth layer can kill 99% bacteria (Suggest to replace the filter after 3-4 hours of usage)	👍	268	N/A	9	👍	Polyester Antibacterial copper wire nylon Elastic fiber
	17	KINTWEAR	Replaceable Filter	BFE 96%	👍👍	No information	No information	N/A	168	4	Cannot be calculated	👍	Copper ion fiber polyester Polyester Nylon spandex
Masks that claim to have laboratory certificates of protection													
	18	The MASKSAVER Reusable Mask	Replaceable Filter	EU standards EN149 FFP2	👍👍	Daily replacement	N/A	N/A	156	1.5	1.5	👍👍👍	Food grade plastic
	19	Banale MASK	Replaceable Filter	FFP2	👍👍	6-8 weeks	Depends on usage	N/A	199	74	1.4-1.8	👍👍👍	Polyester
	20	SUI Antibacterial Silk Herba	Non-replaceable Filter	PFE>95%	👍👍	50 times	No information	👍	200	N/A	4	👍	Silk fabric
Remark: 1. Higher scores will be given with provision of PPE and VFE certificates 2. Part of the listing data is only based on the online information 3. Higher scores will be given to masks that can be rewash, and have PPE and VFE certificates 4. The price was collected during market research from October to November this year. The actual retail price may vary depending on retail stores and regions 5. The calculation of reusable time is based on daily, weekly (7 days), and monthly (30 days) 6. Higher scores will be given to those with similar priced disposable masks, which costs 2-3 HKD per mask *CHITTON™ - Pro 6 Mask is expected to be launched to the market in mid-November. The price is referenced on Pro 3 Mask													

* For reference only, not for promotional purposes