## A Study about the Tunnel between Malta and Gozo

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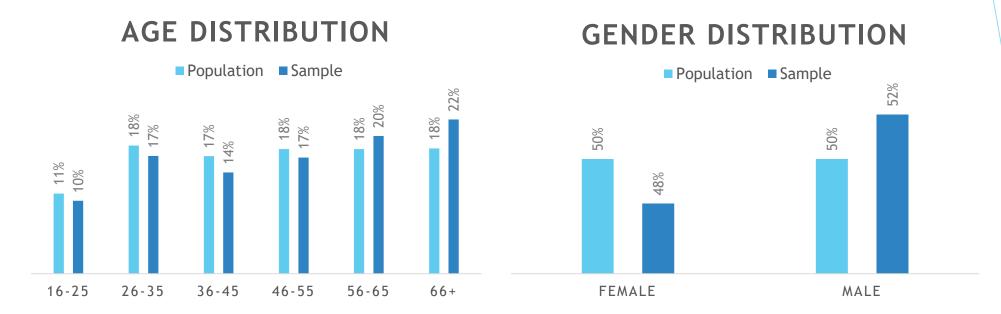
## Section 1 Scope

## Scope

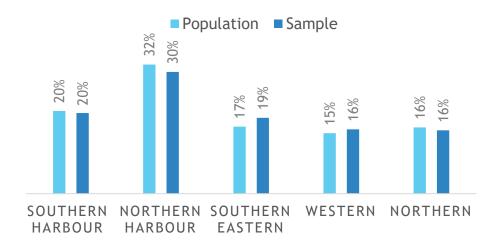
The scope of work covered the planning and performing two scientific research surveys amongst the whole Maltese population (1st Survey) and Gozitan population (2nd Survey) to determine the travelling patterns and travelling requirements between Malta and Gozo. Particularly, this project shall focus on the means of transport used to travel between Malta and Gozo, and vice versa. Furthermore, we also analysed the perception of the citizens with regards to the tunnel between Malta and Gozo. Several factors were analysed, including: willingness to use such a tunnel, frequency of use and price of tickets. In particular, we also compared the findings between Maltese and Gozitans. Both surveys included questions aimed to compare the above results with several demographical variables.

## Section 2 Methodology

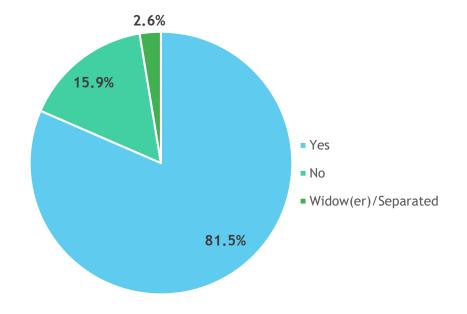
- The survey was carried out through telephone interviews;
- A sample size of 423 individuals was collected amongst the Maltese population and another sample of 401 individuals was collected amongst the Gozitan population;
- Level of confidence: 95% (per survey);
- Confidence interval: +/- 4.9% (per survey);
- Sample was stratified based on Age, Gender and Districts (Appendix);
- The data was collected between the 2<sup>nd</sup> July and 31<sup>st</sup> August.



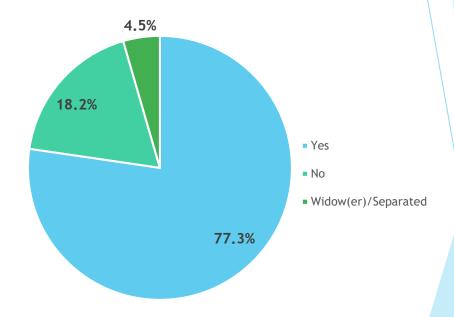
#### DISTRICT DISTRIBUTION

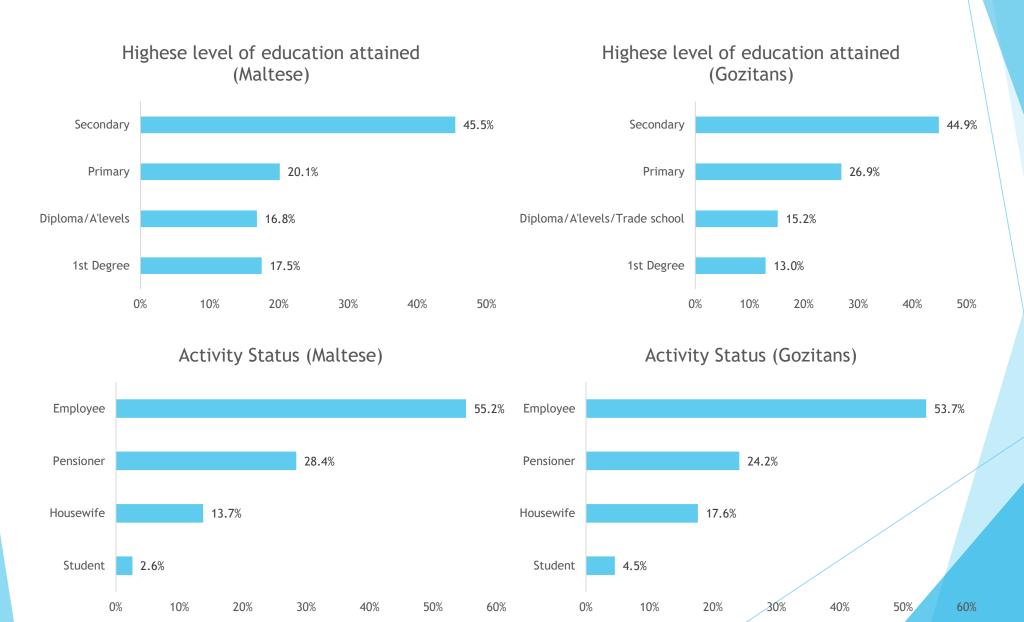


Marital status: Married? (Maltese)



Marital status: Married? (Gozitans)





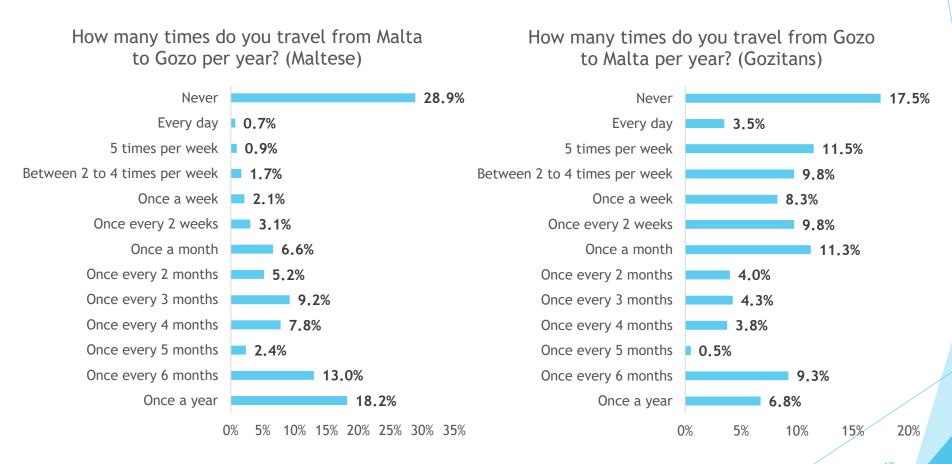
### Section 3

3.1 Results - Frequency of travel between the two islands

## 3.1 Results - Frequency of travel between the two islands

- 28.9% of the Maltese citizens said that they never visit Gozo. On the other hand, only 17.5% of the Gozitans said that they never visit Malta.
- 11.5% of the Gozitans said that they travel to Malta 5 times a week. Only 0.9% of the Maltese travel to Gozo 5 times per week.
- 18.2% of the Maltese travel to Gozo once a year.
- It is very evident that Gozitans cross the islands more often than the Maltese citizens.

## 3.1 Results - Frequency of travel between the two islands



### Section 3

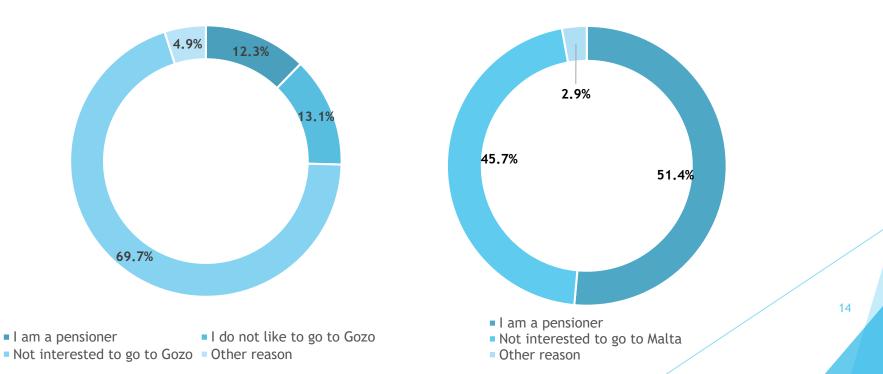
3.2 Results - Main reasons for not travelling between the two islands

## 3.2 Results - Main reasons for not travelling between the two islands

- 69.7% of the Maltese (those who never visit Gozo) claimed that they are not interested in visiting Gozo.
- 51.4% of the Gozitans (those who never visit Malta) claimed that they do not travel to Malta because they are pensioners, followed by those who claimed that they are not interested in visiting Malta.

Main reason for not travelling to Gozo

Main reason for not travelling to Malta

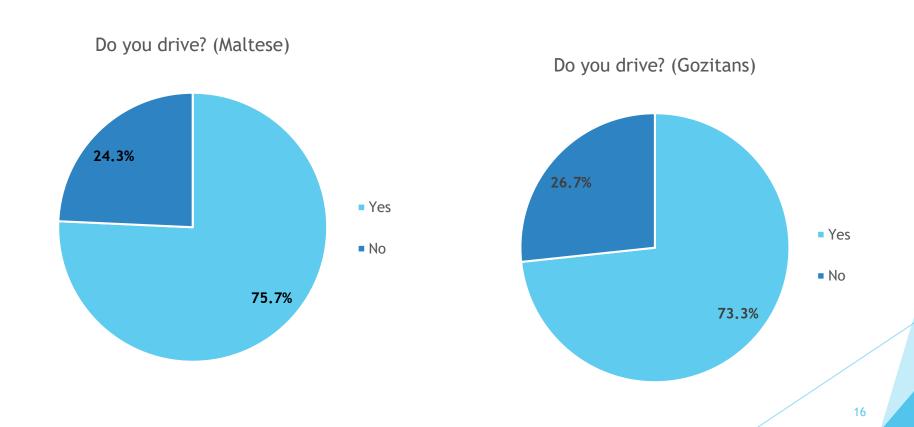


## Section 3

3.3 Results - Percentage of Maltese and Gozitan drivers

#### 3.3 Results - Percentage of Maltese and Gozitan drivers

- More than three quarters of the Maltese respondents drive a car (75.7%)
- Almost three quarters of the Gozitan respondents drive a car (73.3%)



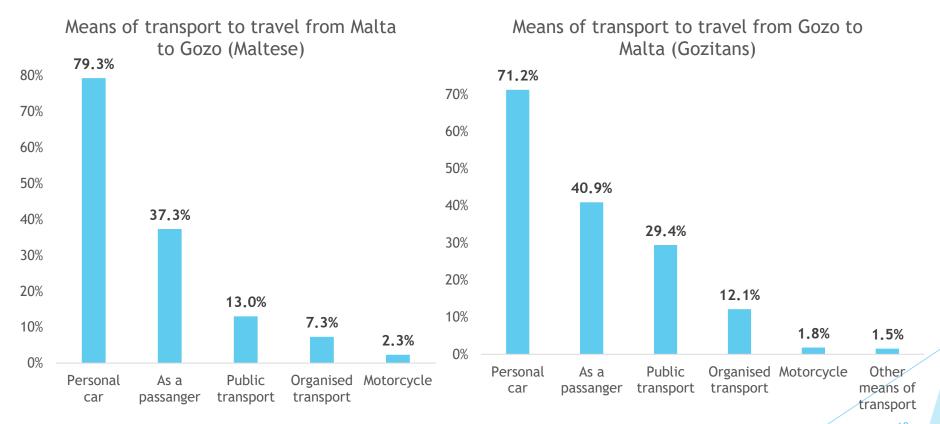
## Section 3

3.4 Results - Means of transport to travel between the two islands

From Section 3.4 onwards, results are based on those who said that they travel at least once between the two islands.

#### 3.4 Results - Means of transport between the two islands

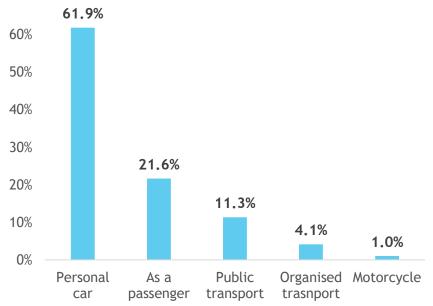
• The most common means of transport is one's personal car for both the Maltese and the Gozitans (79.3% and 71.2% respectively)



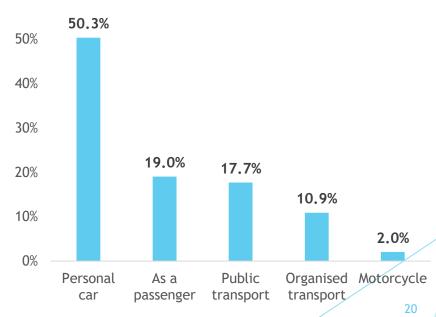
#### 3.4 Results - Means of transport between the two islands

• For those who use more than one means of transport for travelling, one's personal car is the most common means of transport for both the Maltese and the Gozitans (61.9% and 50.3% respectively)

If in question 4 you selected more than 1 option, which is the most common means of transport you use to travel from Malta to Gozo? (Maltese)



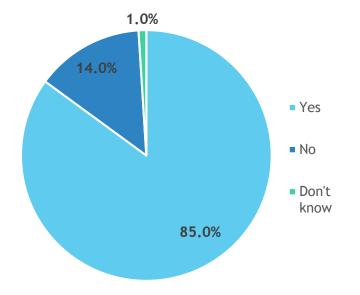
If in question 4 you selected more than 1 option, which is the most common means of transport you use to travel from Gozo to Malta? (Gozitans)



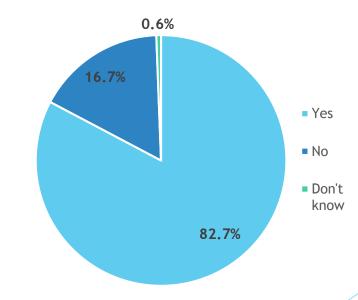
# Section 3 3.5 Results - For and against the tunnel

• The majority of both the Maltese and Gozitans are in favour of a tunnel between Malta and Gozo (85.0% (Maltese) and 82.7% (Gozitans) respectively).

Are you in favour of having a tunnel between Malta and Gozo? (Maltese)

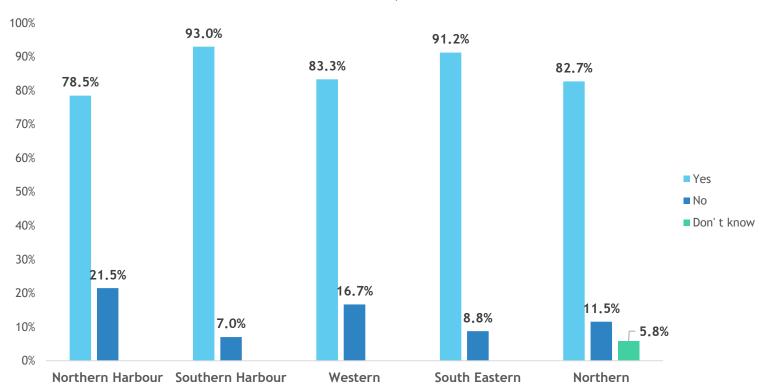


Are you in favour of having a tunnel between Malta and Gozo? (Gozitans)



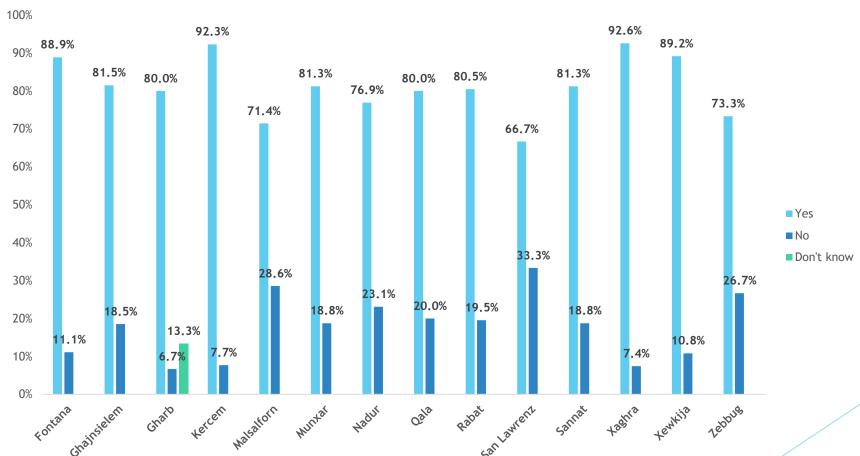
#### Comparison by demographics

Are you in favour of having a tunnel between Malta and Gozo? (Maltese by district)



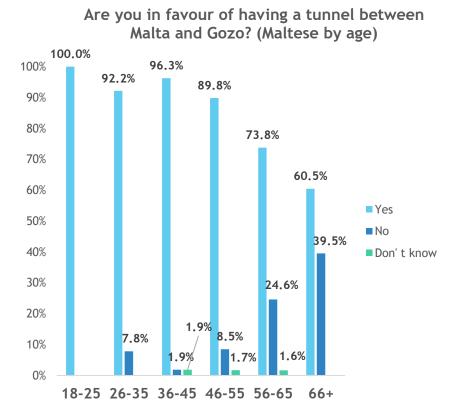
#### Comparison by demographics

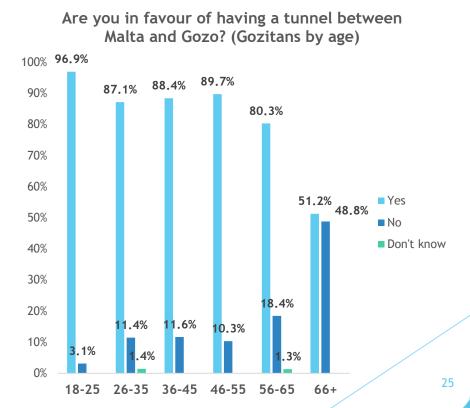
Are you in favour of having a tunnel between Malta and Gozo? (Gozitans by locality)



#### Comparison by demographics

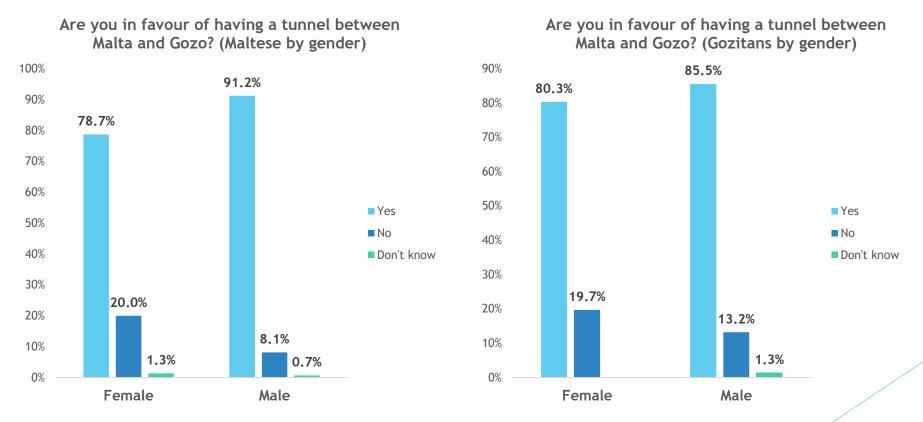
• The younger generation are more in favour of having a tunnel between Malta and Gozo, for both populations (Maltese and Gozitans).





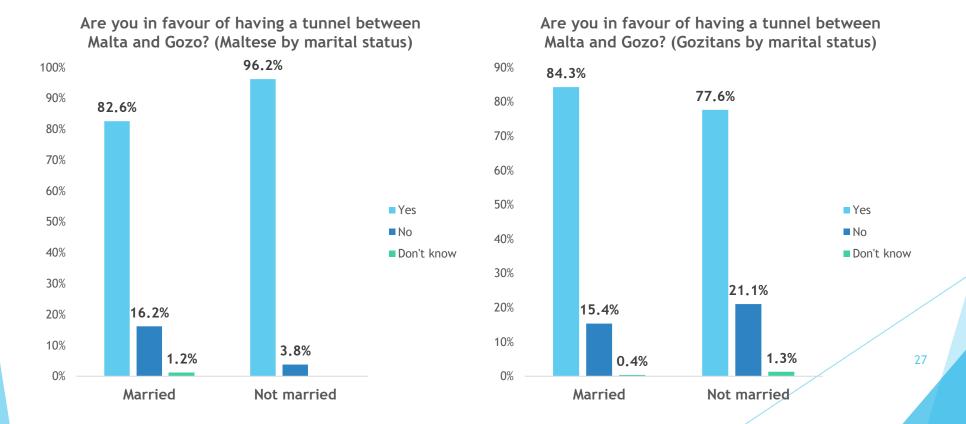
#### Comparison by demographics

 Males are more in favour than Females of having a tunnel between Malta and Gozo, for both populations (Maltese and Gozitans).



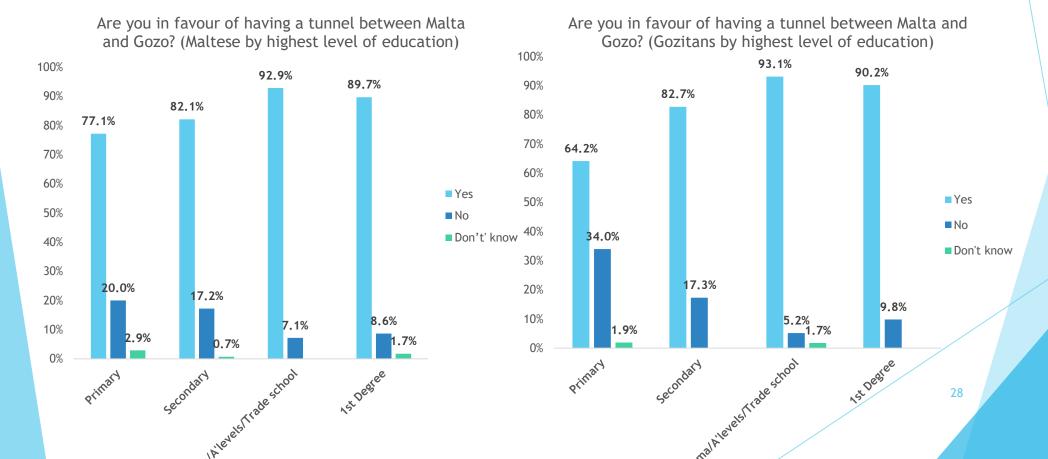
#### Comparison by demographics

 Unmarried Maltese citizens are more in favour than married Maltese citizens of having a tunnel between Malta and Gozo. This contrasts the results for Gozitans. However, both married and unmarried persons are strongly in favour of having the tunnel.



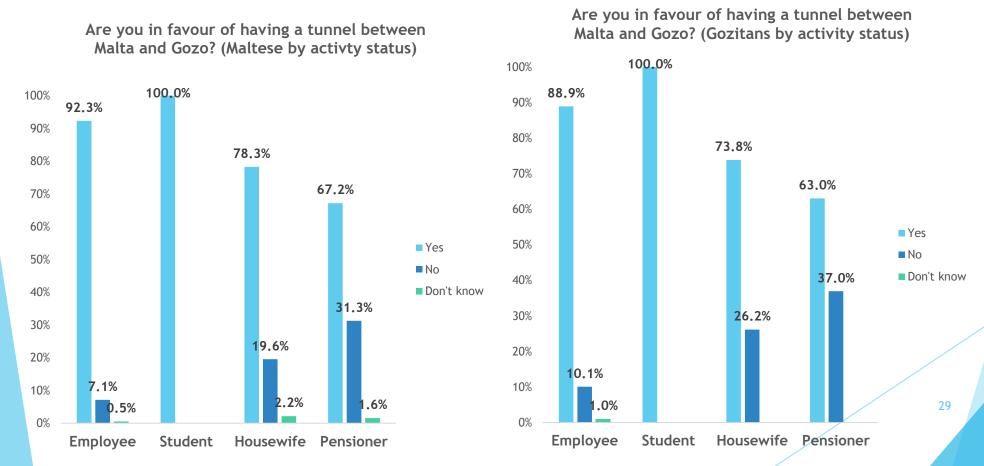
#### Comparison by demographics

 The higher the level of education, the more individuals are in favour of having a tunnel between Malta and Gozo, for both populations (Maltese and Gozitans).

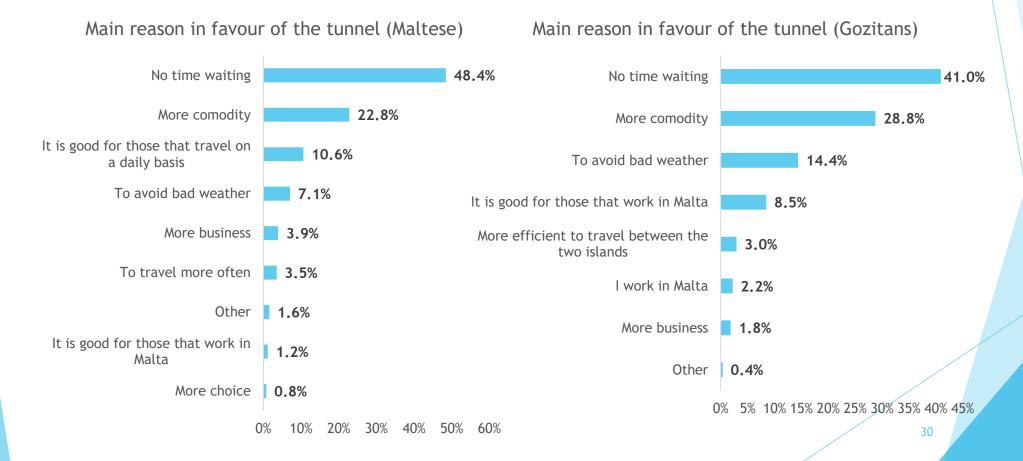


#### Comparison by demographics

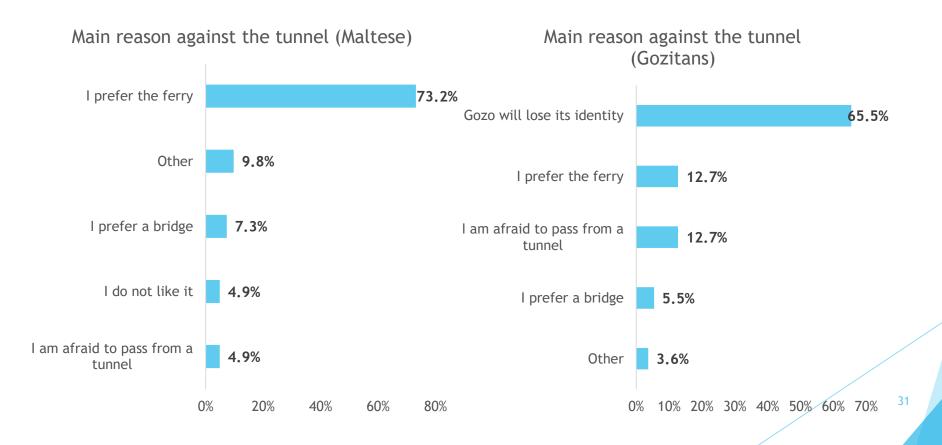
 Pensioners are the least in favour of having a tunnel between Malta and Gozo, for both populations (Maltese and Gozitans). However, the absolute majority of pensioners are still in favour of having the tunnel.



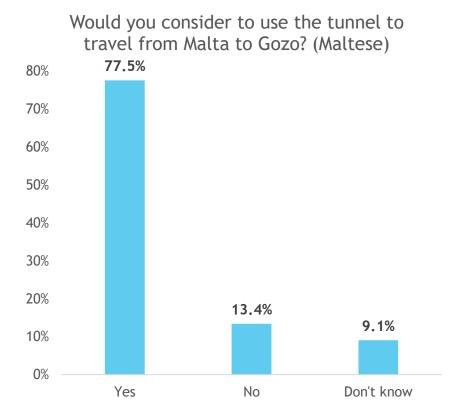
• 48.8% of the Maltese and 41.0% of the Gozitans who are in favour of the tunnel said that the main reason for being in favour of the tunnel is that the travelling time will be reduced drastically.

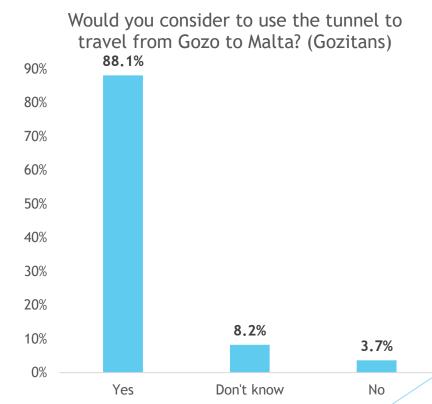


- 73.2% of the Maltese who are against the tunnel said that they refer to the ferry to travel from Malta to Gozo.
- 65.5% of the Gozitans who are against the tunnel think that Gozo will lose its identity if the tunnel is constructed.

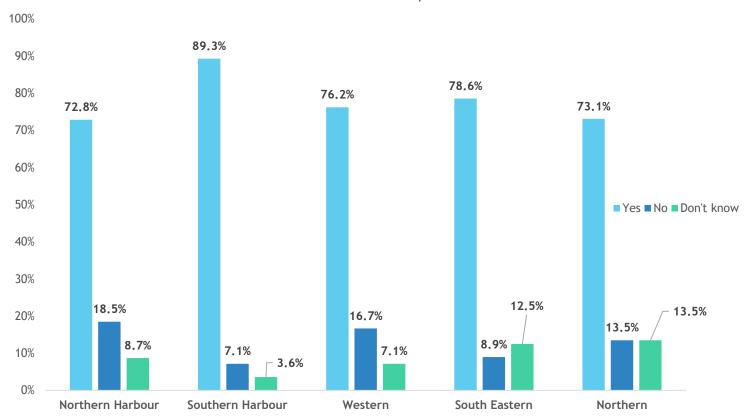


• 77.5% of the Maltese would consider using the tunnel, while 88.1% of the Gozitans are willing to use it.

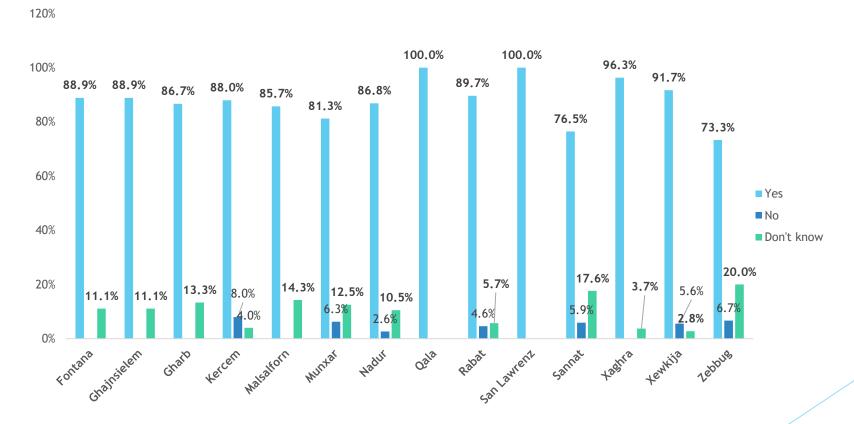




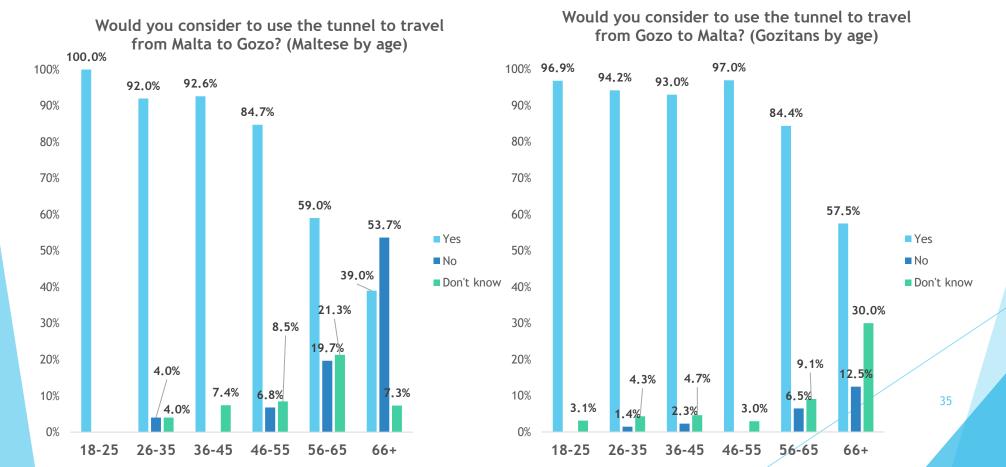
Would you consider to use the tunnel to travel from Malta to Gozo? (Maltese by district)



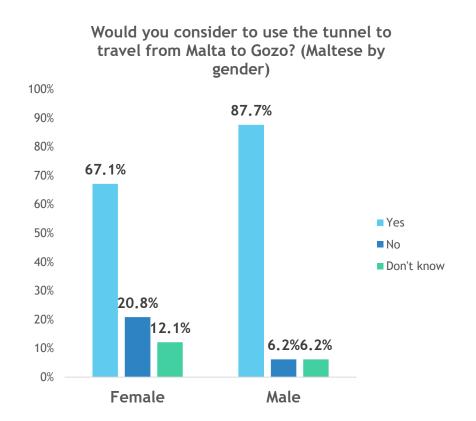
Would you consider to use the tunnel to travel from Gozo to Malta? (Gozitans by locality)

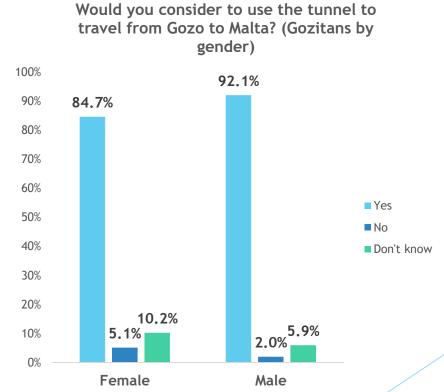


• The younger generation are more willing to use the tunnel to travel between Malta and Gozo. In fact, 53.7% of the Maltese aged 66 years and over are not willing to use the tunnel.



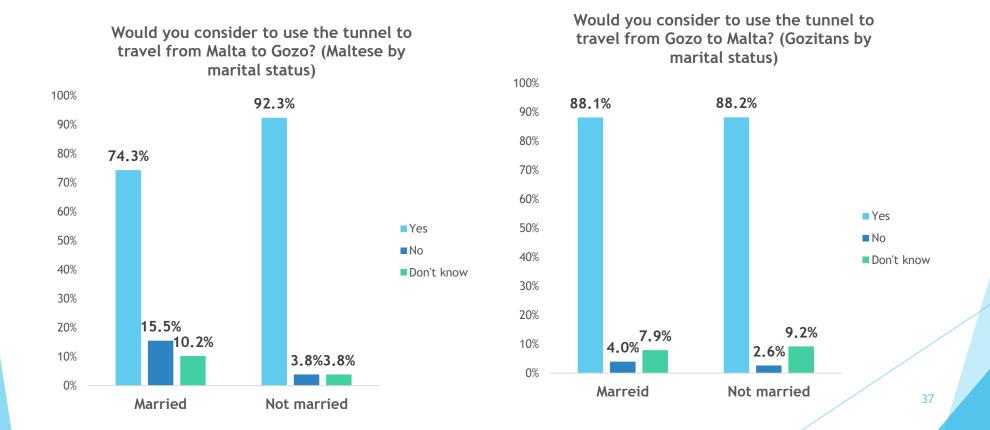
Males are more willing to use the tunnel when compared to females.





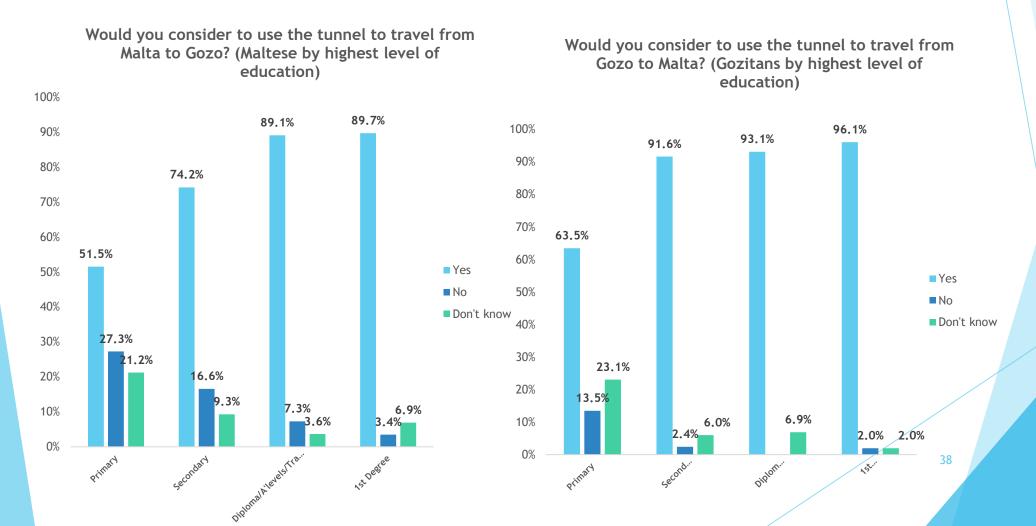
## 3.5 Results - For and against the tunnel Comparison by demographics

 Maltese unmarried individuals are more willing to use the tunnel when compared with Maltese married individuals.



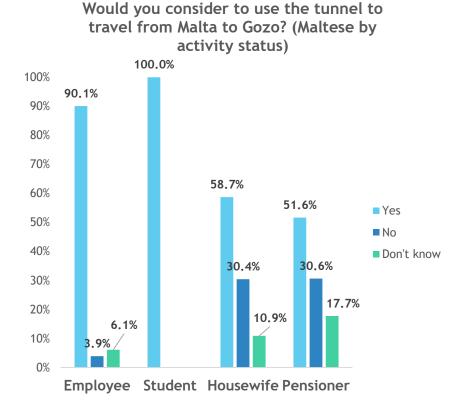
## 3.5 Results - For and against the tunnel Comparison by demographics

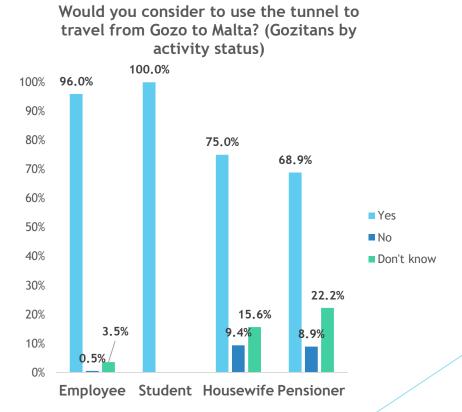
The higher the level of education, the more the willingness to use the tunnel.



## 3.5 Results - For and against the tunnel Comparison by demographics

Employees and students are more willing to use the tunnel between Malta and Gozo.



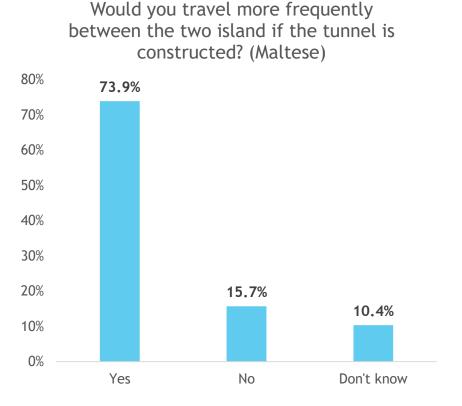


## Section 3

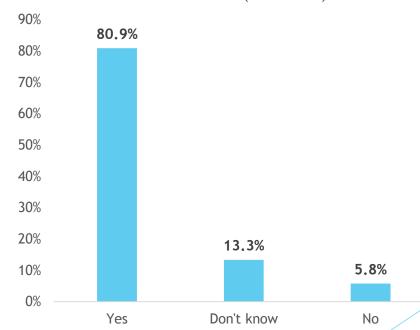
3.6 Results - Frequency of using the tunnel

#### 3.6 Results - Frequency of using the tunnel

• The majority of both the Maltese (73.9%) and Gozitans (80.9%) said that they will travel between the two islands more frequently.

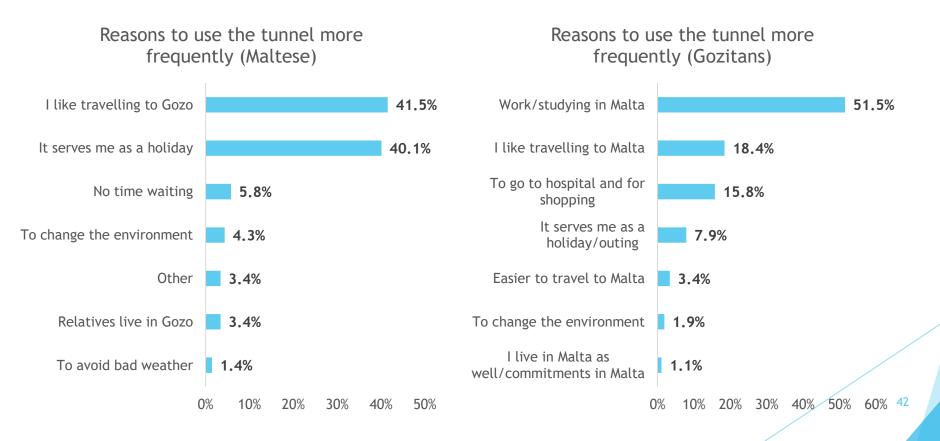


Would you travel more frequently between the two island if the tunnel is constructed? (Gozitans)



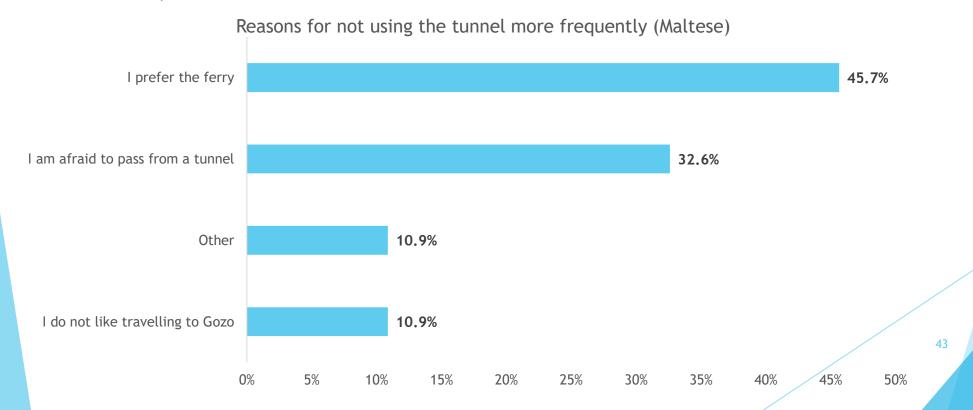
#### 3.6 Results - Frequency of using the tunnel

- 81.6% of the Maltese who said that they will travel more to Gozo said that they will do so because they like Gozo (41.5%) and it serves as a holiday (40.1%).
- On the other hand, the Gozitans will travel more frequently to Malta since they work or study in Malta (51.5%).



#### 3.6 Results - Frequency of using the tunnel

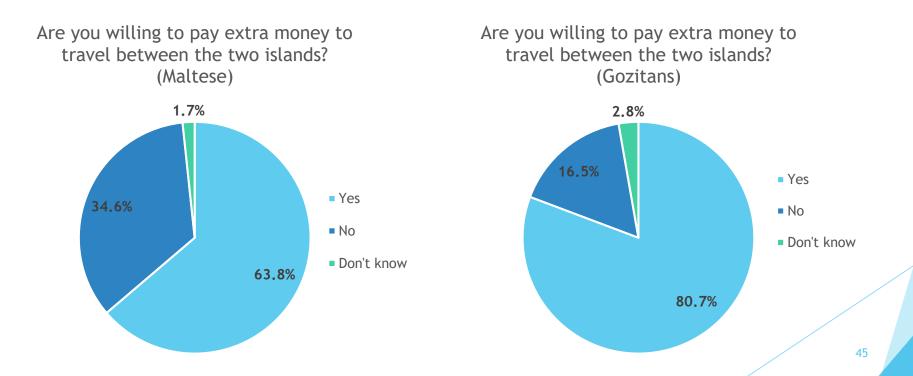
- 45.7% of the Maltese who said that they will not travel more frequently to Gozo said that they prefer to use the ferry. This is followed by 32.6% who said that they are afraid of the tunnel.
- There was a small percentage of Gozitans who said that they will not use the tunnel more frequently (5.8%). The main reason for this was that "they prefer the ferry".



## Section 3

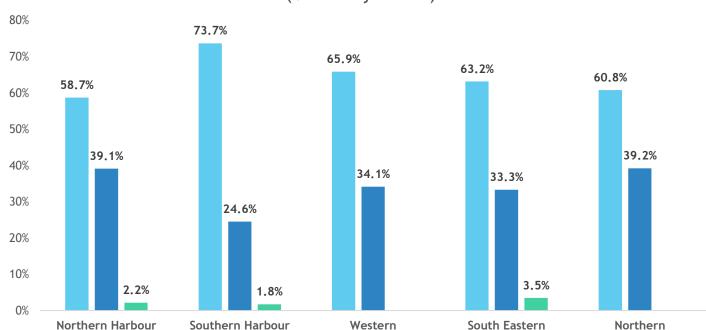
3.7 Results - Travelling expenses

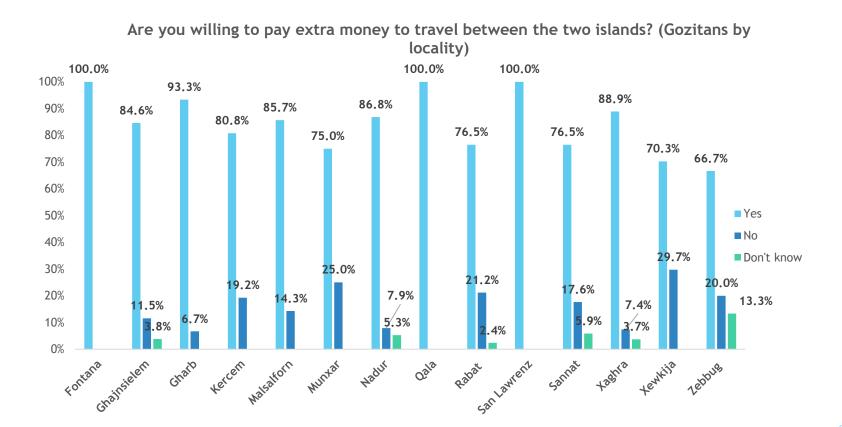
- 63.8% of the Maltese are willing to pay extra money if they had to use the tunnel.
- The majority of the Gozitans (80.7%) are willing to pay more to travel through the tunnel.



Are you willing to pay extra money to travel between the two islands?

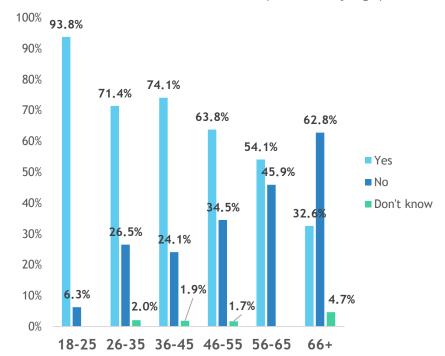
(Maltese by district)



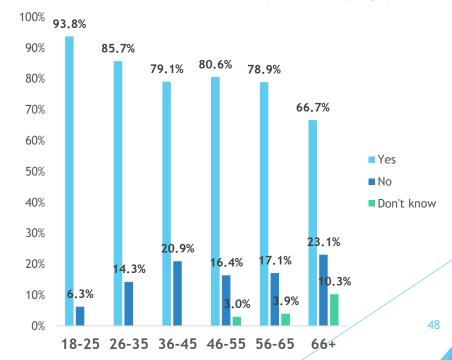


• The younger generation are more willing to pay something extra to use the tunnel to travel between Malta and Gozo. In fact, 62.8% of the Maltese aged 66 years and over are not willing to pay something extra use the tunnel.

Are you willing to pay extra money to travel between the two islands? (Maltese by age)



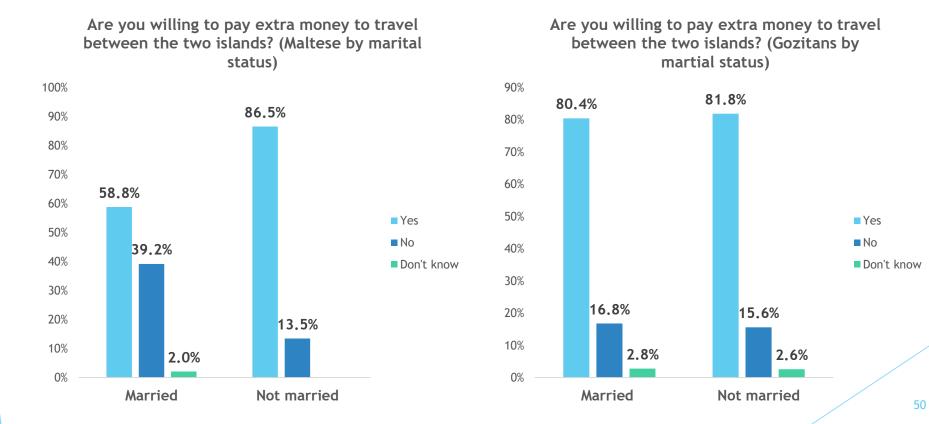
Are you willing to pay extra money to travel between the two islands? (Gozitans by age)



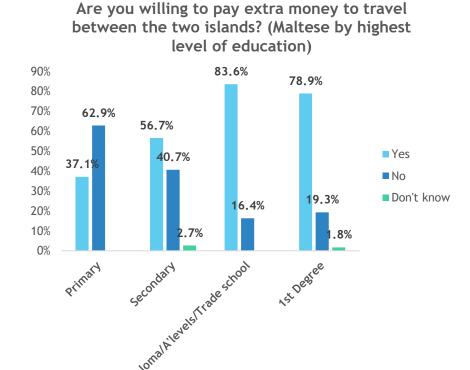
 Males are more willing to pay something extra to use the tunnel when compared to females.

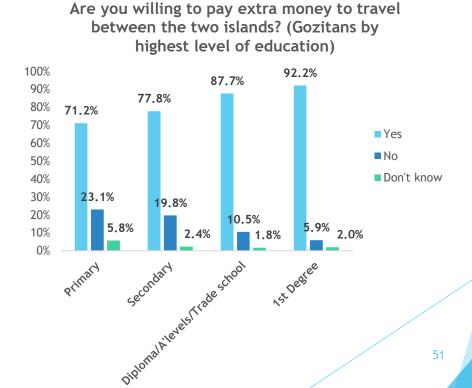


 Maltese unmarried individuals are more willing to pay something extra to use the tunnel when compared with Maltese married individuals.

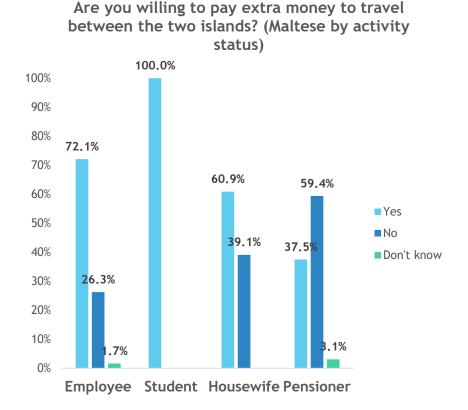


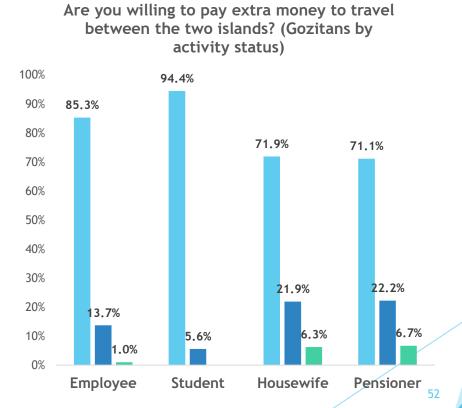
 The higher the level of education, the more the willingness to pay something extra to use the tunnel.



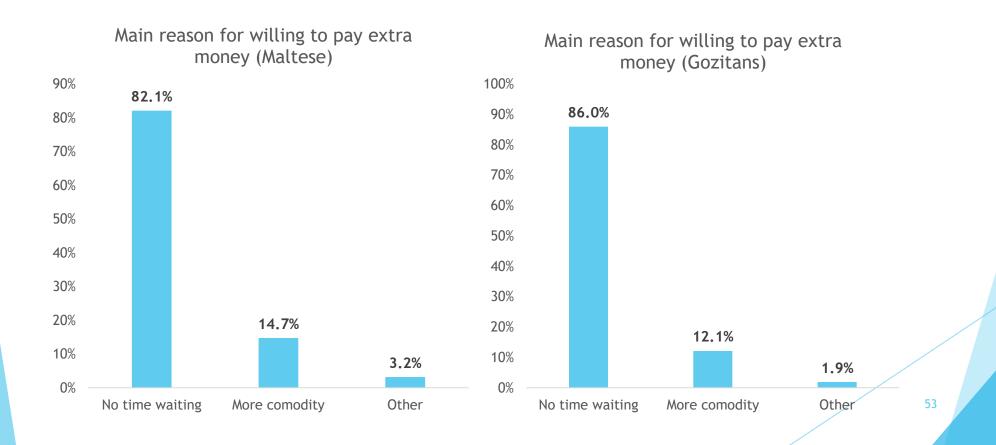


 Employees and students are more willing to pay something extra to use the tunnel between Malta and Gozo.

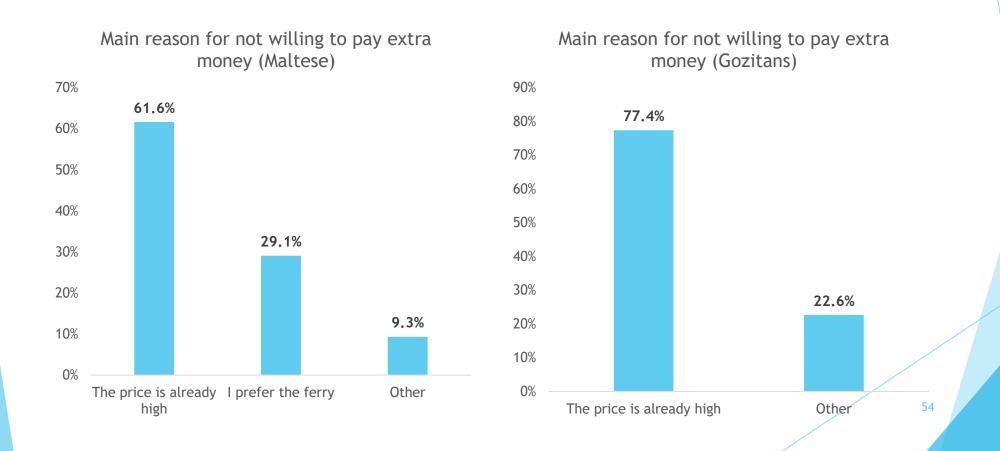




 More than 80% of both Maltese and Gozitans who are willing to pay something more to travel through the tunnel said that waiting time will be reduced.

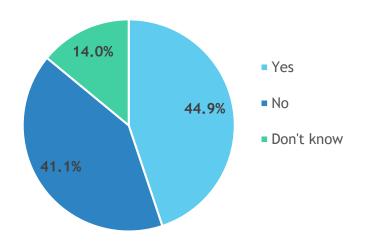


• 61.6% of the Maltese and 77.4% of the Gozitans who are not willing to pay more said that the price of the ferry is already high.

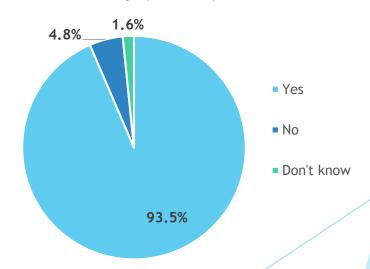


- 44.9% of the Maltese who said that they are not willing to pay extra to travel to Gozo said that they are ready to pay the same price of the ferry to use the tunnel.
- Almost all the Gozitans (93.5%) who said that they are not willing to pay extra said that they are ready to pay the same price of the ferry.

If you are not willing (or not sure) to pay something extra to travelling between the two island, are you willing to pay the existing fee of the ferry? (Maltese)

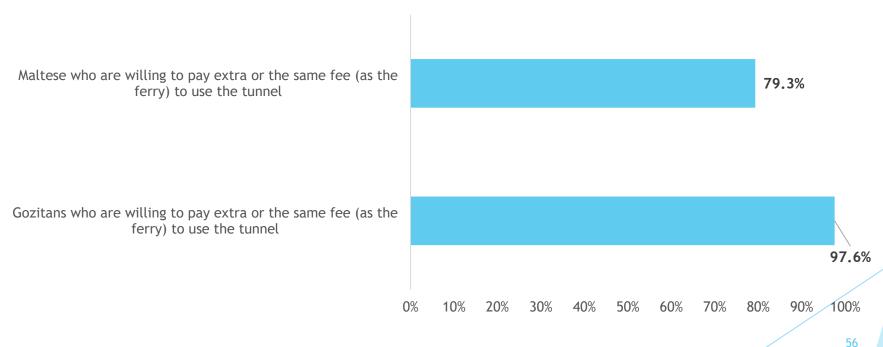


If you are not willing (or not sure) to pay something extra to travelling between the two island, are you willing to pay the existing fee of the ferry? (Gozitans)



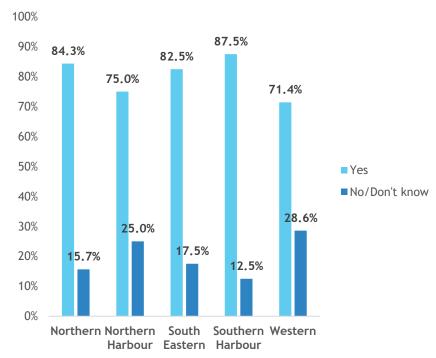
When combining the two previous results, it can be concluded that 97.6% of the Gozitans are wiling to pay more money or the same fee as the ferry to use the tunnel. On the other hand, only 79.3% of the Maltese are willing to pay more or the same amount as the ferry.



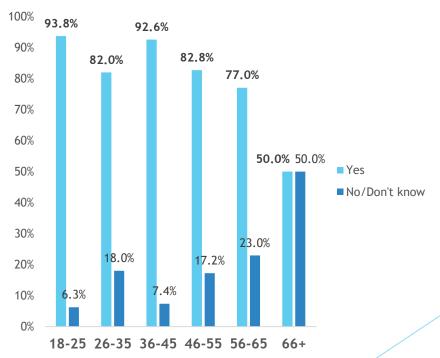


# 3.7 Results - Travelling expenses Maltese results by demographics

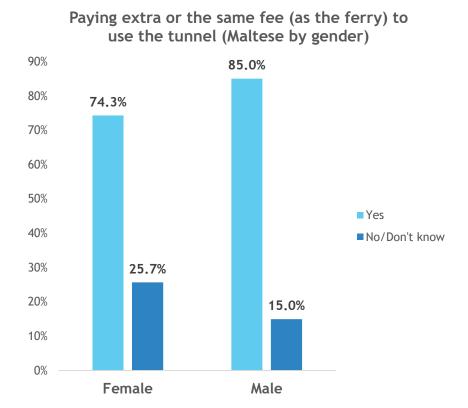
Paying extra or the same fee (as the ferry) to use the tunnel (Maltese by district)



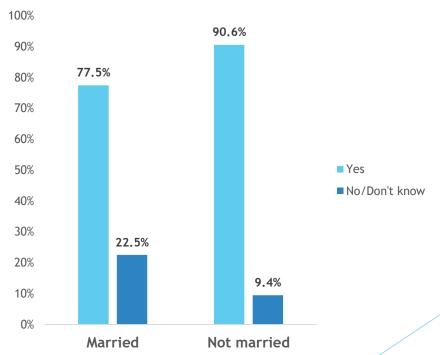
Paying extra or the same fee (as the ferry) to use the tunnel (Maltese by age)



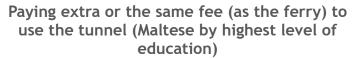
# 3.7 Results - Travelling expenses Maltese results by demographics

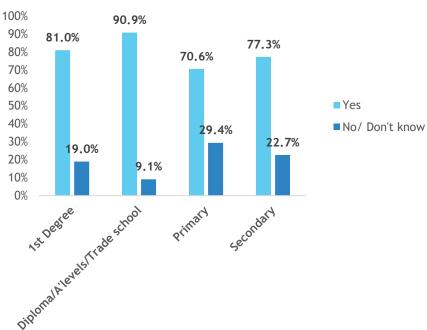




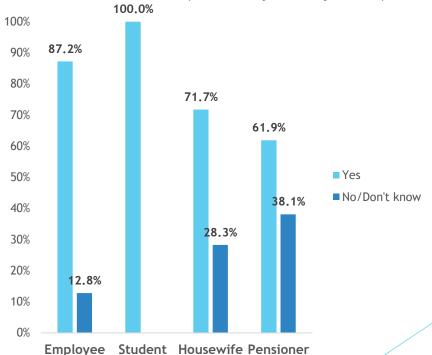


# 3.7 Results - Travelling expenses Maltese results by demographics





### Paying extra or the same fee (as the ferry) to use the tunnel (Maltese by activity status) 100.0%



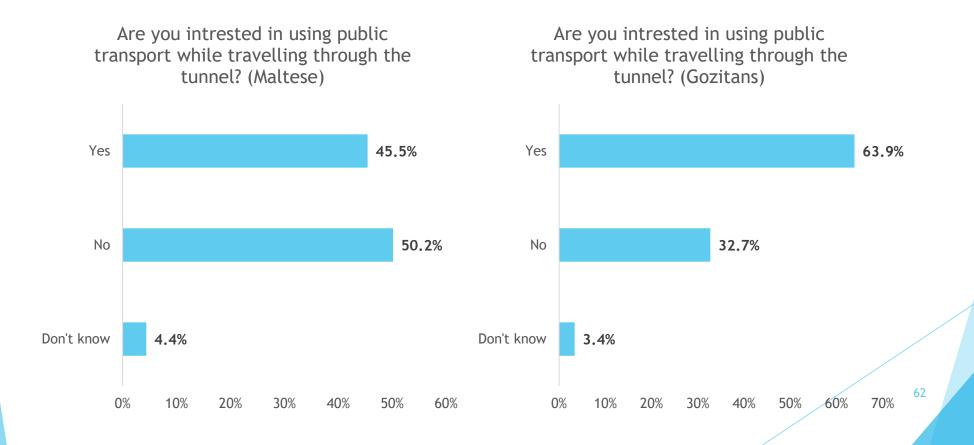
- The average fee that the Maltese are ready to pay (those who are not willing to pay extra or the existing price of the ferry) is €5.
- The average fee that the Gozitans are ready to pay (those who are not willing to pay extra or the existing price of the ferry) is €3.

## Section 3

3.8 Results - Use of public transport

#### 3.8 Results - Use of public transport

- Less than half of the Maltese (45.5%) are willing to use the public transport to travel through the tunnel.
- On the other hand, 63.9% of the Gozitans are willing to use the public transport to travel through the tunnel.



# Section 4 Comparisons

#### Comparisons

- The Maltese (28.9%) are more likely not to visit the sister island when compared to the Gozitans (17.5%) i.e. a difference of 11.5%.
- 69.7% of the Maltese (those who never visit Gozo) are not interested in going to Gozo i.e. a difference of 24% when compared to the Gozitans (those who never visit Malta) (45.7%).
- There are more Maltese drivers than Gozitan drivers (2.4% more).
- 8.1% more of the Maltese use their personal car to travel to Gozo (79.3% and 71.2% respectively).
- The majority of both the Maltese and Gozitans are in favour of a tunnel between Malta and Gozo (85.0% and 82.7%) (2.3% more for the Maltese).
- The reduction of the waiting time is the main reason for both Maltese and Gozitans who are in favour of the tunnel.
- The Gozitans (88.1%) are more willing to use the tunnel when compared to the Maltese (77.5%) citizens.

#### Comparisons

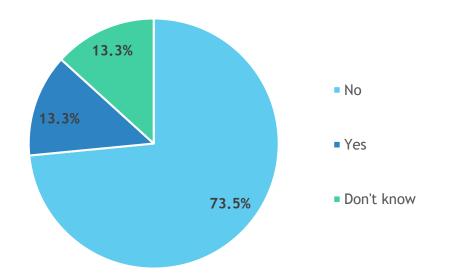
- 81.6 % of the Maltese who said that they will travel more to Gozo said that they will do so because they like Gozo (41.5%) and it serves as a holiday (40.1%). On the other hand, the Gozitans will travel more frequently to Malta since they work or study in Malta (51.5%).
- 63.8% of the Maltese are willing to pay something extra to use the tunnel. The majority of the Gozitans (80.7%) are willing to pay more to travel through the tunnel (16.9% difference).
- Almost all the Gozitans (97.6%) are willing to pay extra or the same price as the ferry to use the tunnel. This contrasts with 79.3% of the Maltese who are willing to pay more or the same price as the ferry (18.3% difference).
- The average fee that the Maltese are willing to pay (those who are not willing to pay something extra or the existing price of the ferry) is €5. On the other hand, the average fee that the Gozitans are willing to pay (those who are not willing to pay something extra or the existing price of the ferry) is €3 i.e. a difference of 2€.
- The Gozitans are more willing to use the public transport to travel through the tunnel (a percentage difference of 18.4%).

# Section 5 The Maltese

#### The Maltese

• The Maltese who travel to Gozo were asked if they were interested in buying a property in Gozo and live there once the tunnel is constructed. Only 13.3% of the respondents said "yes". The majority, 73.5%, are not willing to live in Gozo.

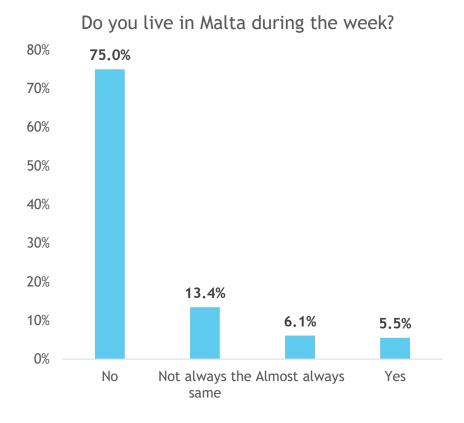
Are you intrested in buying a place in Gozo and live there if there is a tunnel between the two islands?



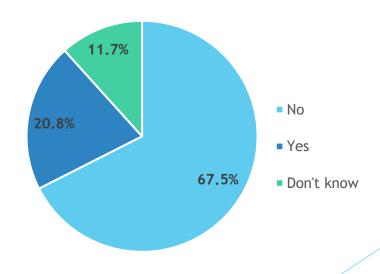
# Section 6 The Gozitans

#### The Gozitans

• 75% of the Gozitans who travel to Malta do not live in Malta during the week. If the tunnel is constructed, 67.5% of the Gozitans who currently live in Malta during the week said that they will stay in Gozo.



If there is a tunnel between Gozo and Malta do you still consider to live in Malta during the week?



# Section 7 Conclusion

#### Main Conclusions

- The strong majority (80%+) of the Maltese and Gozitan are in favour of having a tunnel between Malta and Gozo. The absolute majority are also willing to use such a tunnel (78% for the Maltese and 88% for the Gozitans).
- Furthermore, the absolute majority are ready to pay either the same price or something extra to use the tunnel (78% for the Maltese and 98% for the Gozitans). They said that the waiting time will be reduced.
- When looking at the results by demographics, the strong majority (80%+) of the Maltese/Gozitan employees and students are in favour of having a tunnel between Malta and Gozo.
- On the other hand, pensioners and those who are greater than 65 years are more reluctant for the tunnel project (however, the majority are still in favour).

Studju dwar il-mina bejn Malta u Ghawdex 2018

#### Studju dwar il-mina bejn Malta u Ghawdex (Ghall-Maltin)

1.	Bejn wiehed u iehor ken	nm il-darba tivjagga	bejn Malta u Ghawdex fis-s	ena?	
	Kulljum 5 darb	oiet fil-gimgha	Bejn 2 sa 4 darbiet fil-gim	ngha Dark	oa fil-gimgha
	Darba kull hmistax	Darba fix-xahar	Darba kull xahrejn	Darba kull 3	xhur
	Darba kull 4 xhur	Darba kull 5 xhur _	_ Darba kull 6 xhur	Darba fis-se	na Qatt
Jek			ru 2, 3 u kompli minn 18-il q		
	mpli minn mistoqsijja 3				
2.	X'inhi r-raguni li ma tivja	igga qatt?			
3.	Inti issuq? Iva Le				
4.	Meta tivjagga bejn Malt	a u Ghawdex tivjagg	a (Jista jimmarka aktar min	n wahda):	
		Passigier B'tal	-linja u taqbad il-vapur		Bill-mutur
5.	Jekk mistoqsijja 4 jimma	rka aktar minn wahd	a, liema mezz l-aktar li tuza	?	
	Bill-karrozza tieghek Bir-rota Mezz iehor: _		-linja u taqbad il-vapur	B'van	Bill-mutur
	5.1. 15ta MC22 1011011_		<del> </del>		
6.			wdex li tghaddi minn taht il		
	jkun minn San Pawl il-Ba	ahar u tibqa sejra sar	n-Nadur, u l-vjagg jdum mad	dwar 15-il minut	a. Taqbel?
	Iva Le Ma nafx				

	Jekk issir il-mina bejn Malta u Ghawdex tikkonsidra li tibda tuzaha? Iva Le Ma nafx
9.	Jekk issir il-mina bejn Malta u Ghawdex tikkonsidra li taqsam iz-zewg gzejjer aktar spiss?
	Iva Le Ma nafx

Kemm infakrek ftit dwar il-prezzijiet li hemm bhalissa biex tivjagga bejn Malta u Ghawdex.

<u>Karrozza</u>: Il-prezz biex titla bil-karrozza huwa ta' 15.70 Ewro, jekk il-persuna huwa ta' eta minn 60 sena u aktar jhallas 11.05 Ewro biex titla bill-karrozza.

Rota: Ghal dawk li jitilaw bir-rota l-prezz huwa ta' 1.15 il-Ewro.

Mutur: Ghal dawk li jitilaw bil-mutur il-prezz huwa ta' 8.15 Ewro, jekk il-persuna huwa ta' eta minn 60 sena u

aktar thallas 3.45 Ewro biex titla bill-mutur

Passigier: Il-prezz bhala passigier huwa ta' 4.65 Ewro

1 Sagalytics

Studju dwar il-mina bejn Malta u Ghawdex 2018

11. Jekk issir il-mina bejn Malta u Ghawdex, tkun lest li thallas <u>ftit aktar</u> mill-vjagg li thallas bhalissa bill-vapur jekk taf li mintiex ser tistenna biex titla Ghawdex? Iva Le Ma nafx 12. X'inhi r-raguni ghar-risposta tieghek?		
lekk wiegeh 'Iva' (O11) il-mistogsiiig	li imiss immarkaha 'lva'	jekk 'Le' jew 'Ma nafx' saqsi z-zewg mistoqsijjiet li jmiss
	Ghawdex, tkun lest l	i thallas <u>l-istess prezz</u> li thallas bhalissa bill-vapur jekk
14. X'inhi r-raguni ghar-risposta t	ieghek?	
15. Jekk wiegeb 'Le' ghall-mistoq	sijiet 11 u 13, kemm i	nti lest li thallas?
16. Tkun interessat tuza l-mina po	ermezz tat-trasport p	ubliku bejn Malta u Ghawdex? Iva Le Ma nafx
17. Jekk jkun hemm il-mina bejn Ghawdex minflok Malta? Iva		ın interessat/a tixtri post Ghawdex u tibda tghix
18. Lokalita:	19. Eta:	20. Sess:
		ell ta' edukazzjoni wasalt:
23. Inti: Haddiem   Student/a	Mara tad-dar □	Bla xoghol □ Pensjonant/a □

Studju dwar il-mina bejn Malta u Ghawdex 2018

#### Studju dwar il-mina bejn Malta u Ghawdex (Ghall-Ghawdxin)

1.	Bejn wiehed u iehor ke	mm il-darba tivjagga l	bejn Ghawdex u Malta fis-se	ena?	
	Kulljum 5 dar	biet fil-gimgha	Bejn 2 sa 4 darbiet fil-gim	gha Darb	a fil-gimgha
	Darba kull hmistax	Darba fix-xahar	Darba kull xahrejn	Darba kull 3	xhur
			Darba kull 6 xhur		
	kk ma jivjagga qatt mur g mpli minn mistoqsijja 3	hall-mistoqsijjiet num	ru 2, 3 u kompli minn 18-il qu	ıddiem, jekk jivj	agga imqar darba
2.	X'inhi r-raguni li ma tiv	agga qatt?			
3.	Inti issuq? Iva Le				
4.	Meta tivjagga bejn Gha	wdex u Malta tivjagg	a (Jista jimmarka aktar minr	wahda):	
	Bill-karrozza tieghek Bir-rota Mezz iehor:		-linja u taqbad il-vapur 	B'van	Bill-mutur
5.	Jekk mistoqsijja 4 jimmo	arka aktar minn wahdo	a, liema mezz l-aktar li tuza?	•	
	Bill-karrozza tieghek Bir-rota Mezz iehor:	Passigier B'tal-	-linja u taqbad il-vapur	B'van	Bill-mutur

X'inhi r-raguni ghar-risposta tieghek?
Jekk issir il-mina bejn Ghawdex u Malta tikkonsidra li tibda tuzaha? Iva Le Ma nafx
Jekk issir il-mina bejn Ghawdex u Malta tikkonsidra li taqsam iz-zewg gzejjer aktar spiss? Iva Le Ma nafx
. X'inhi r-raguni ghar-risposta tieghek?

Kemm infakrek ftit dwar il-prezzijiet li hemm bhalissa biex tivjagga bejn Ghawdex u Malta.

<u>Karrozza</u>: Il-prezz biex titla bil-karrozza huwa ta' 8.15 Ewro, jekk il-persuna huwa ta' eta minn 60 sena u aktar jhallas 6.95 Ewro biex titla bill-karrozza.

Rota: Ghal dawk li jitilaw bir-rota l-prezz huwa ta' 1.15 il-Ewro.

<u>Mutur</u>: Ghal dawk li jitilaw bil-mutur il-prezz huwa ta' 4.65 Ewro, jekk il-persuna huwa ta' eta minn 60 sena u aktar thallas 3.45 Ewro biex titla bill-mutur

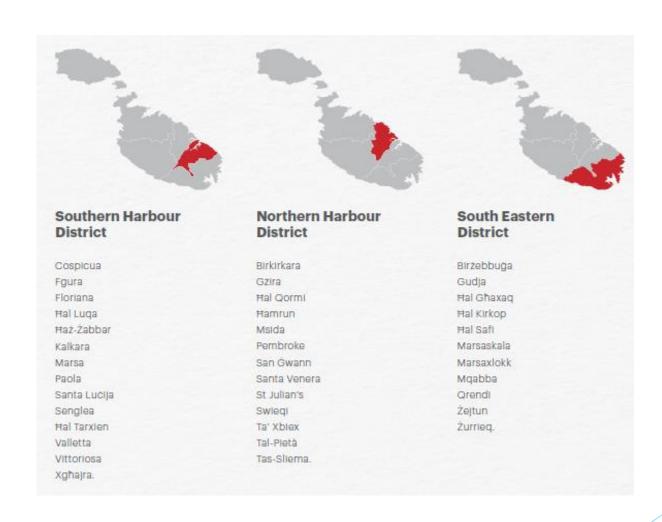
**<u>Passigier</u>**: Il-prezz bhala passigier huwa ta' 1.15 Ewro

1 Sagalytics

11. Jekk issir il-mina bejn Ghawdex u Malta, tkun lest li thallas <u>ftit aktar</u> mill-vjagg li thallas bhalissa bill- vapur jekk taf li mintiex ser tistenna biex titla Ghawdex? Iva Le Ma nafx		
12. X'inhi r-raguni ghar-risposta tieghek?		
Jekk wiegeb 'Iva' (Q11) il-mistoqsijja	li jmiss immarkaha 'Iva', jekk 'Le' jew 'Ma nafx' saqsi z-zewg mistoqsijjiet li jmiss	
	ex u Malta, tkun lest li thallas <u>l-istess prezz</u> li thallas bhalissa bill-vapur jekk k titla Ghawdex? Iva Le Ma nafx	
14. X'inhi r-raguni ghar-risposta t	ieghek?	
15. Jekk wiegeb 'Le' ghall-mistoq	sijiet 11 u 13, kemm inti lest li thallas?	
16. Tkun interessat tuza I-mina p	ermezz tat-trasport publiku bejn Ghawdex u Malta? Iva Le Ma nafx	
17. Inti tghix Malta fost il-gimgha	n? Iva Le Kwazi dejjem Mhux dejjem I-istess	
18. Jekk indika li gieli jghix Malta gimgha? Iva Le Ma nafx	saqsi din il-mistoqsijja, Jekk jkun hemm il-mina tibqa tghix Malta fost il- —	
19. Lokalita:	20. Eta: 21. Sess:	
	23. Sa liema livell ta' edukazzjoni wasalt:	
24. Inti: Haddiem   Student/a	□ Mara tad-dar □ Bla xoghol □ Pensjonant/a □	

## Appendix: Maltese Districts

#### Maltese Districts



#### Maltese Districts



## The End

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