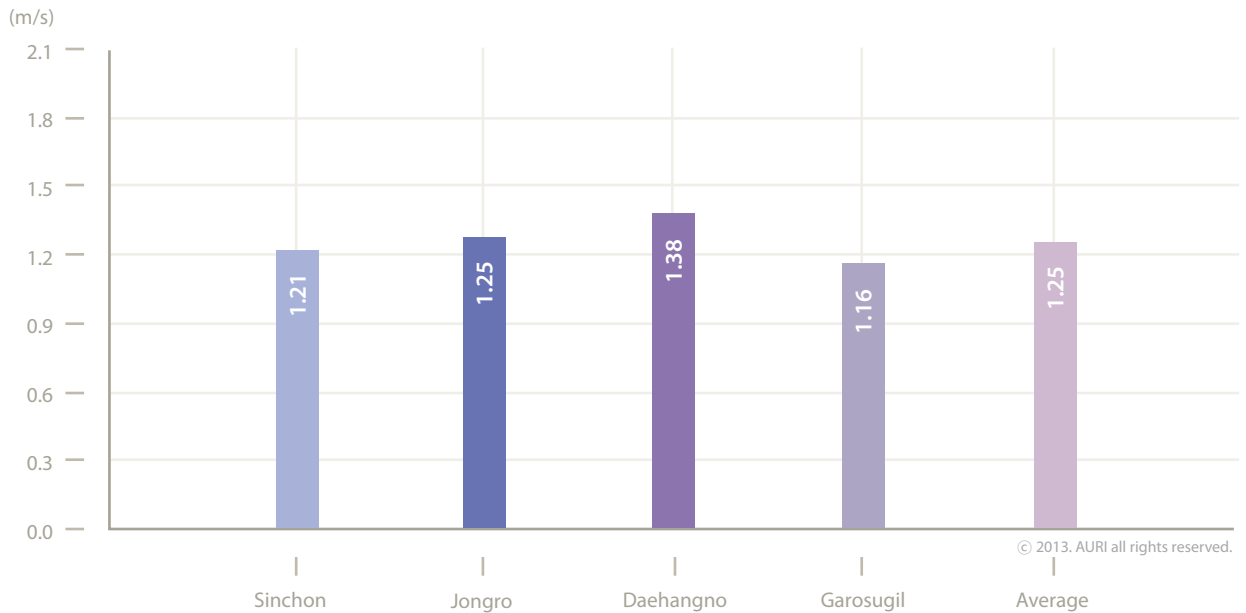
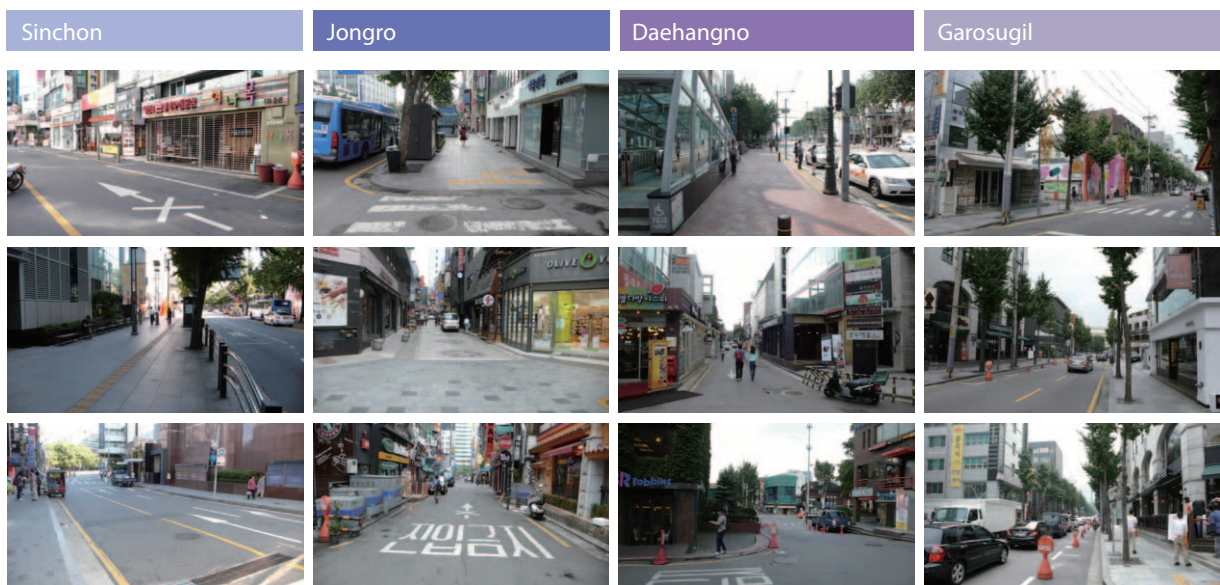


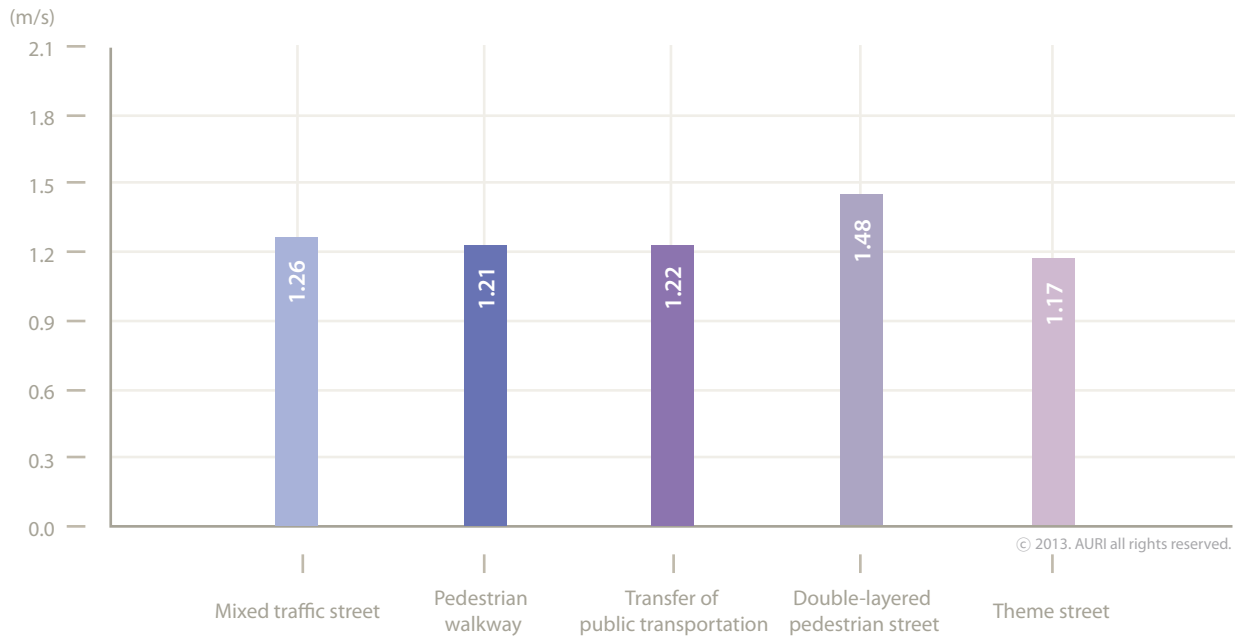
Walking Speed



- The average walking speed in commercial street was 1.25 m/s and average walking speed ranges from minimum 1.16m/s to maximum 1.38 m/s by site.



Walking Speed



- The average walking speeds were 1.48 m/s and 1.17 m/s for double-layered street and theme street, respectively. Walking speed for pedestrians on the double-layered pedestrian street was faster than that for total average walking speed.

Mixed traffic street



Pedestrian walkway



Transfer of public transportation



Double-layered pedestrian street *



Theme street (pedestrian mall)

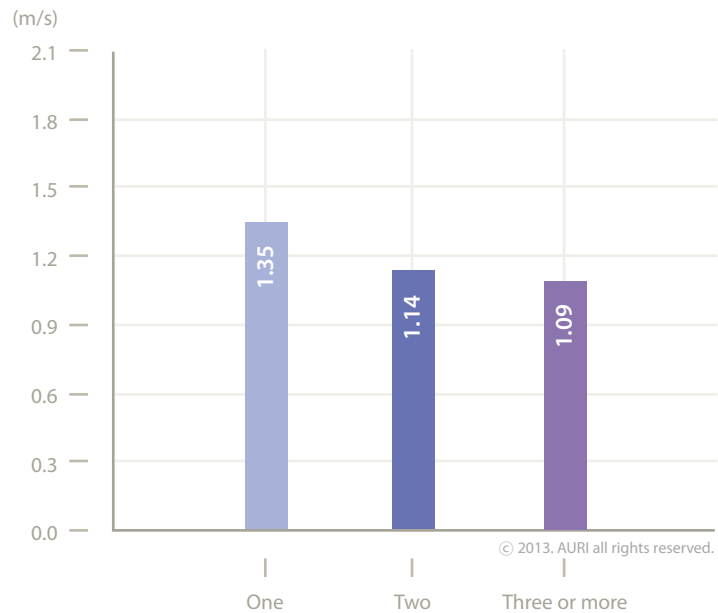
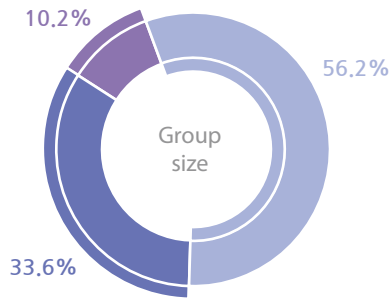


Theme street (pedestrian walkway)

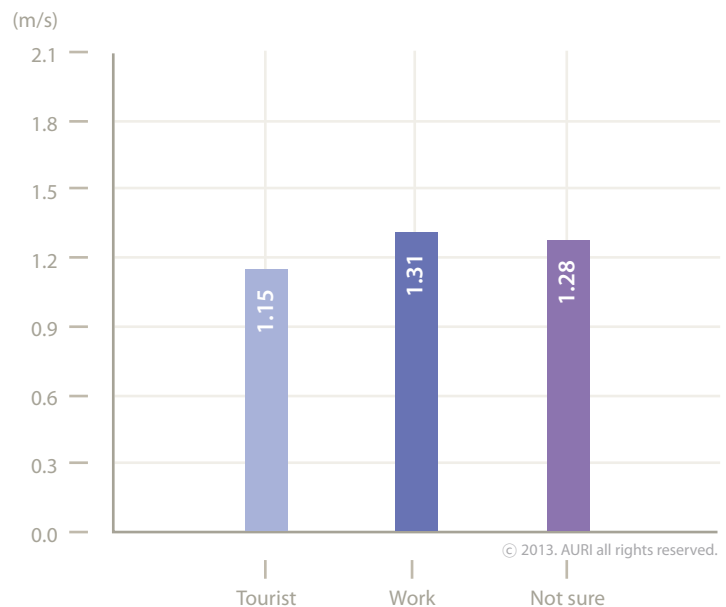
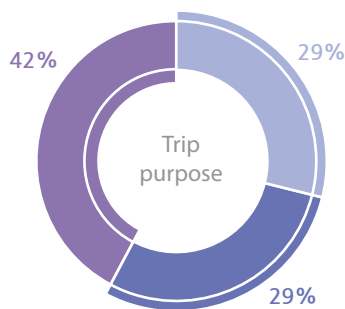


* Double-layered pedestrian street

Walking Speed

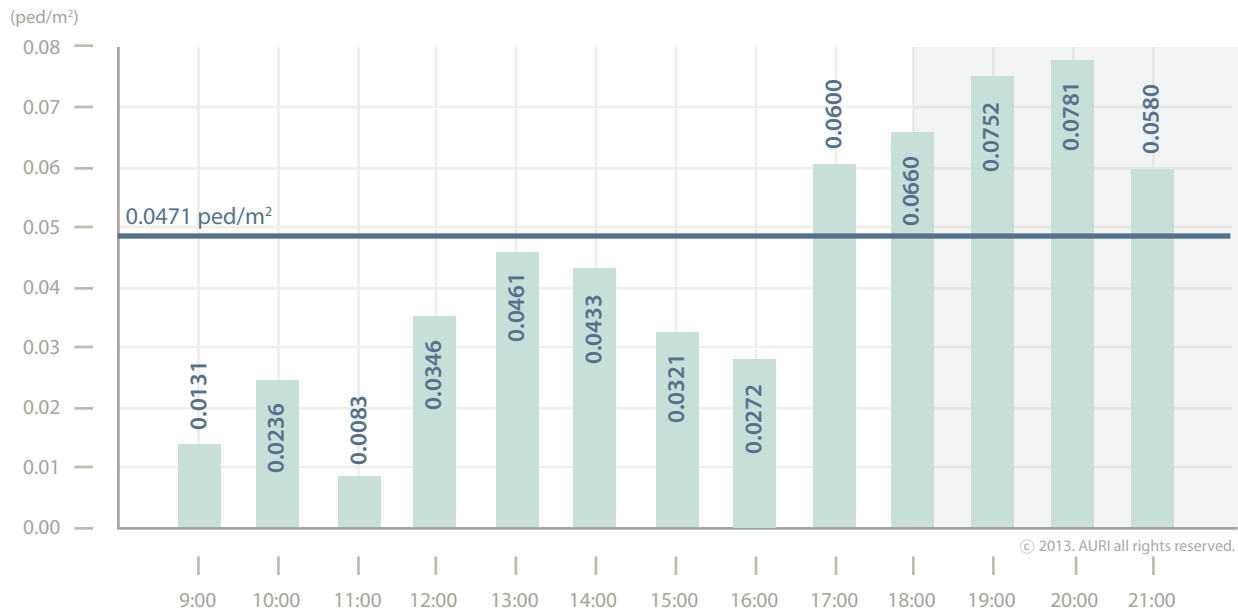


- It was observed that group of pedestrians have lower speeds than pedestrians walking alone. And, as the number of pedestrian in groups increases , the average speed decreases.



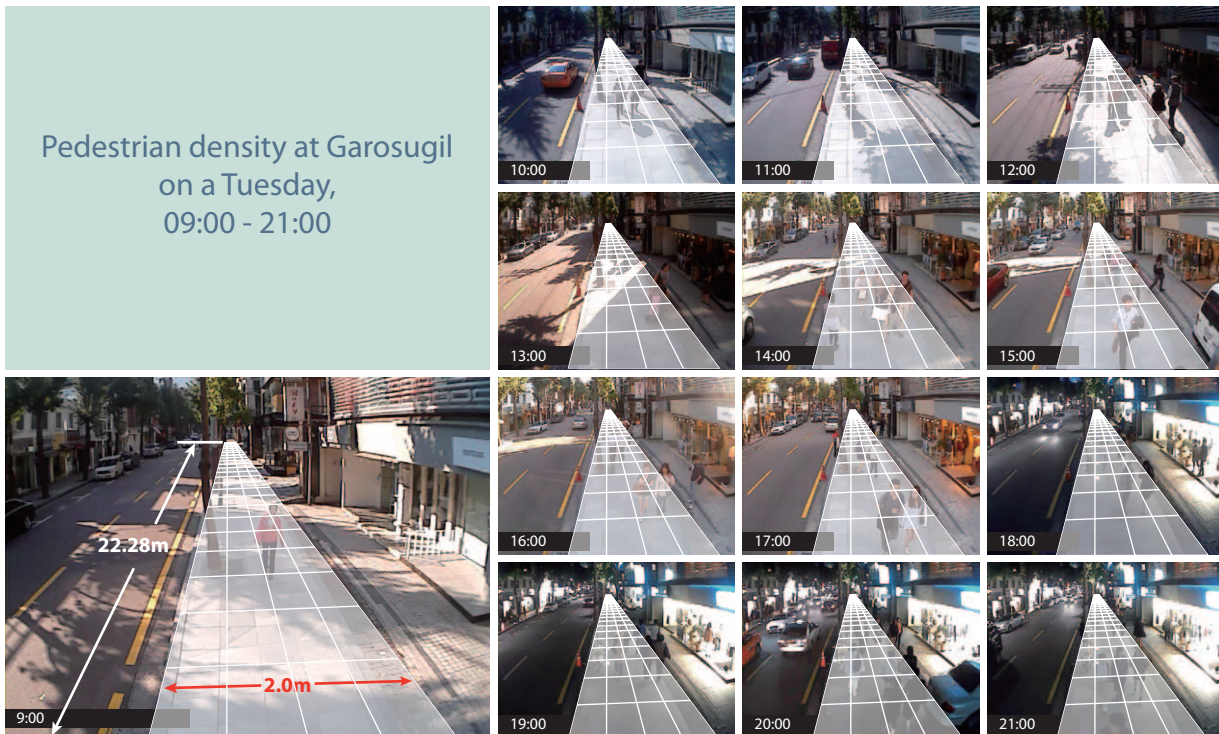
- It was observed that pedestrians whose trip purpose is work tend to walk fastest, with a average speed of 1.31 m/s. Tourist tend to walk the slowest (average speed = 1.15 m/s) and non-tourists with a recreational or casual trip purpose walk just slightly faster(average speed = 1.28 m/s).

Pedestrian Density

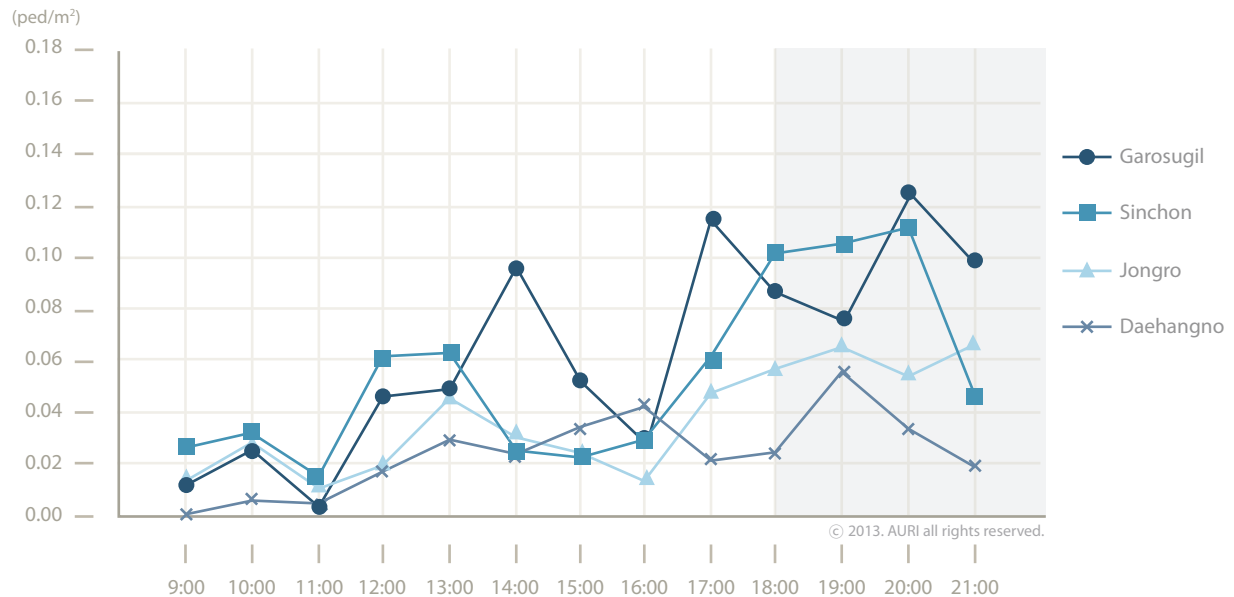


- It was observed that the average pedestrian density is 0.0471 ped/m², with pedestrian space is more than 20 m²/ped.

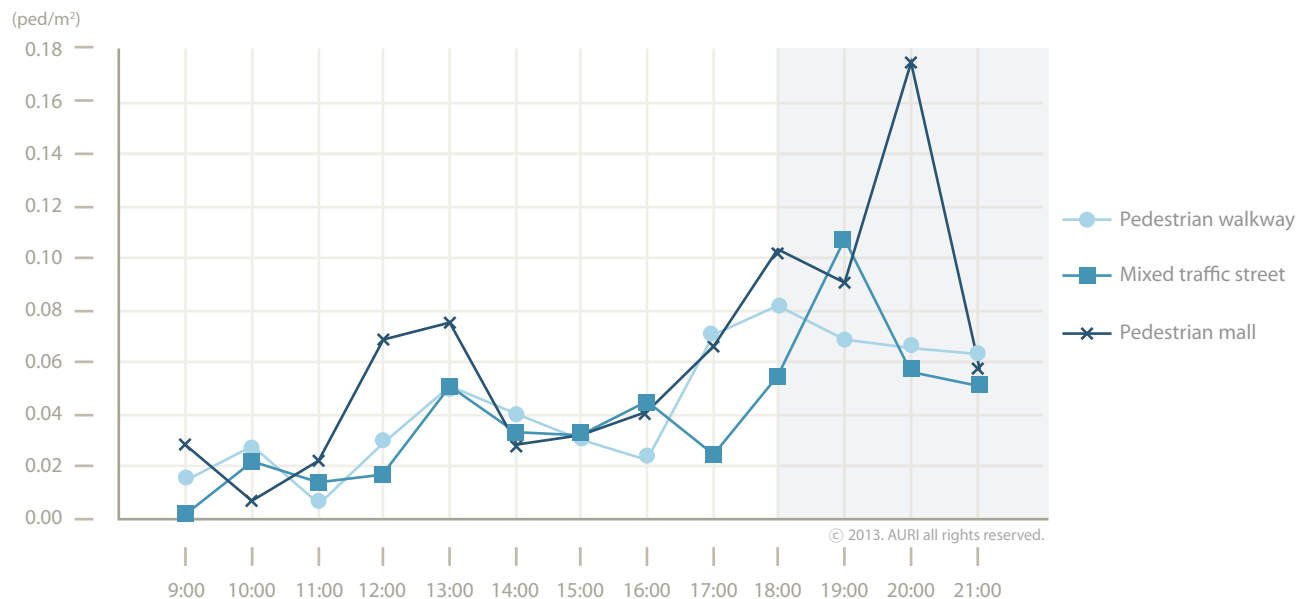
Pedestrian density at Garosugil
on a Tuesday,
09:00 - 21:00



Pedestrian Density

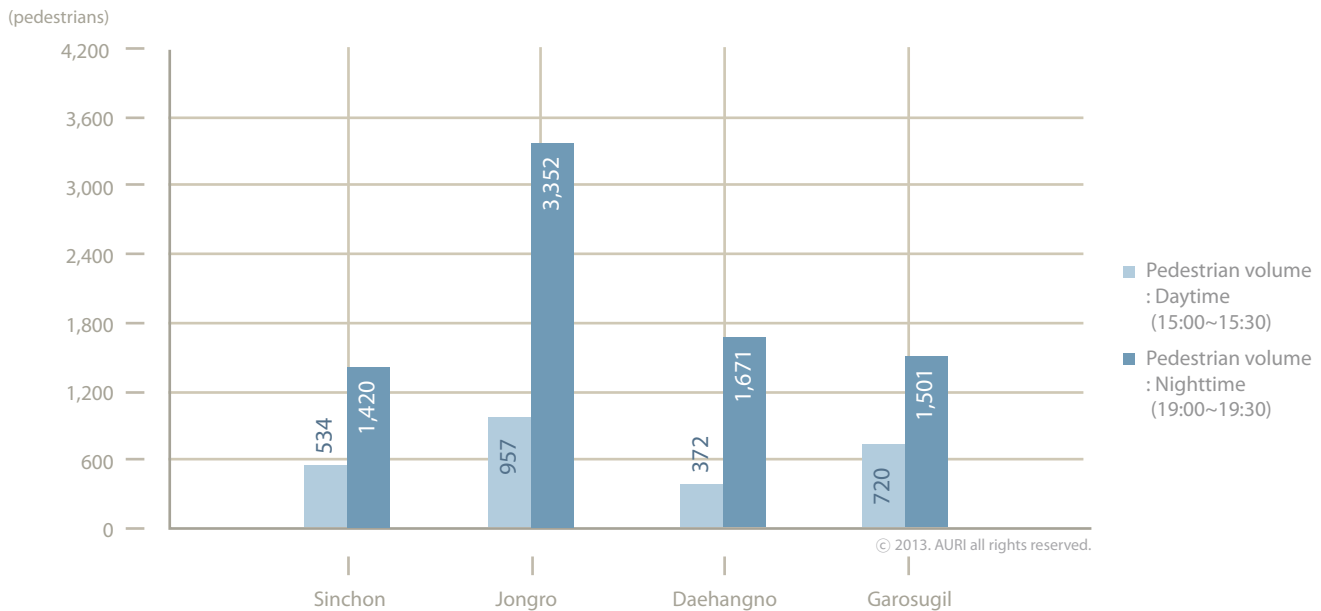


- Pedestrian density on the Garosugil was higher than that for other site. And pedestrian density values for daytime(9 a.m. to 6 p.m.) was lower than those for nighttime(after 6 p.m.).

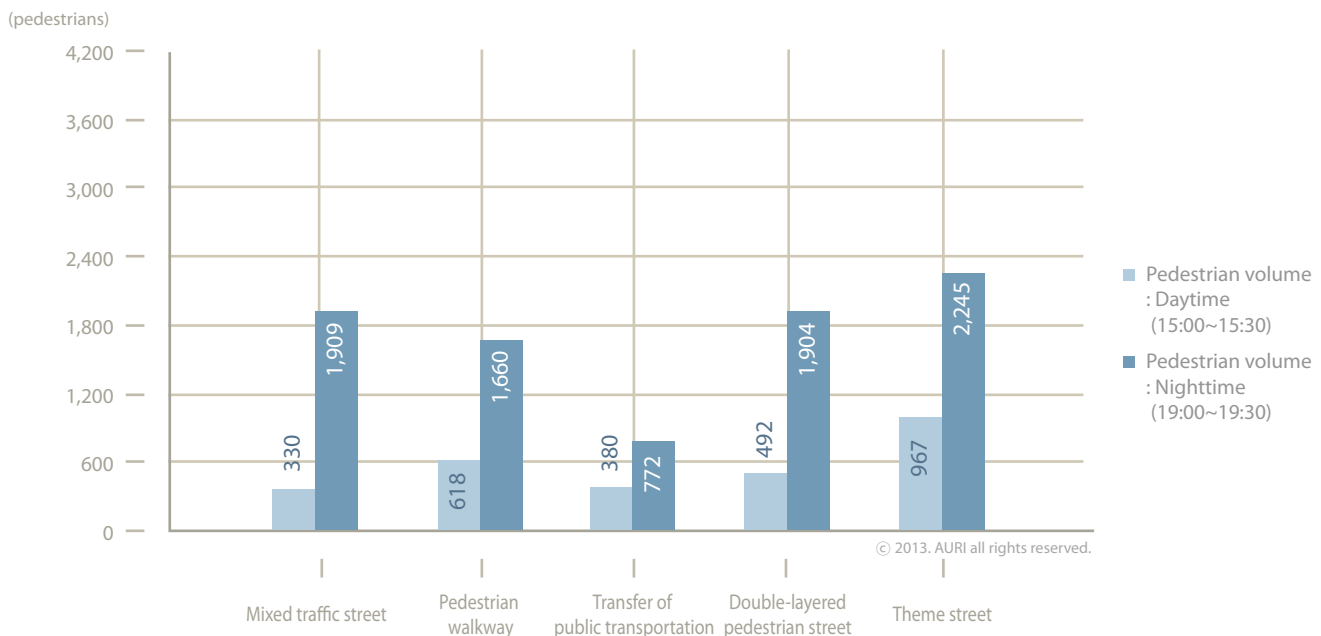


- Pedestrian density on the pedestrian mall was higher than that for other street type.

Pedestrian Volume

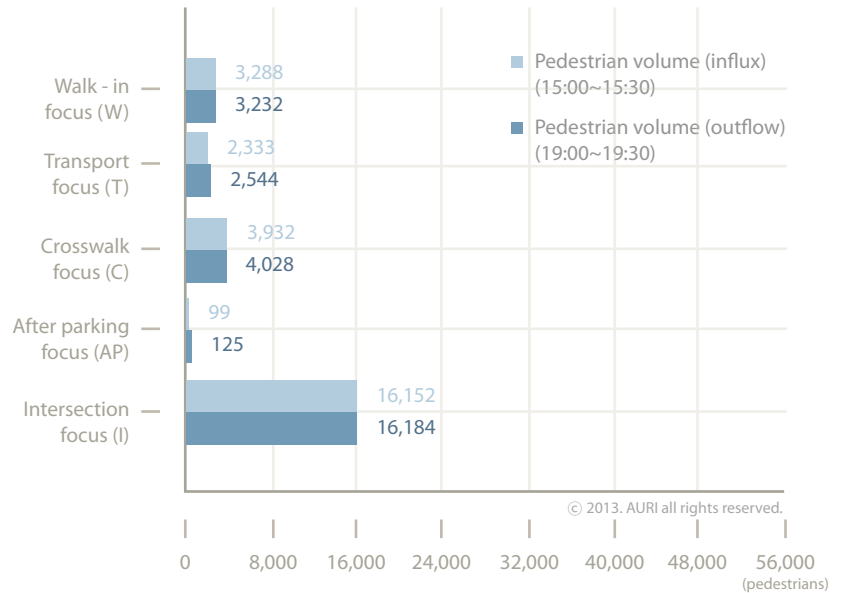
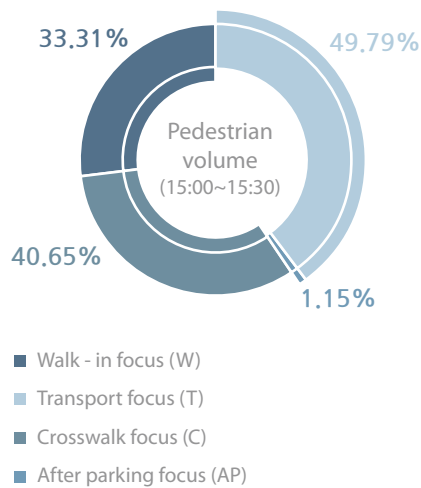


- The number of pedestrians on daytime counted 2 to 3 times more than that of on nighttime, while high amounts of pedestrians were observed on Jongro with a count of just over 3,352 pedestrians on nighttime.

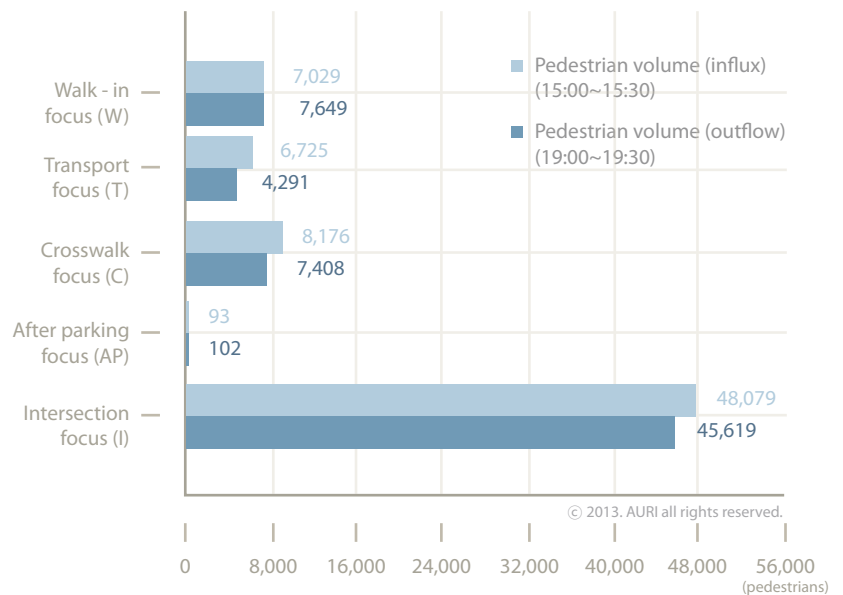
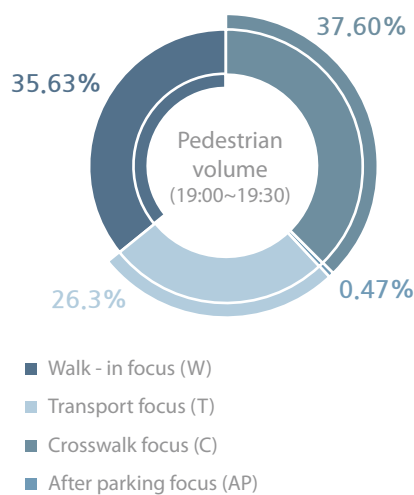


- Generally, the number of pedestrians on daytime counted 3 to 6 times more than that of on nighttime, while high amounts of pedestrians were observed on the theme street where pedestrian mall is included.

Pedestrian Volume

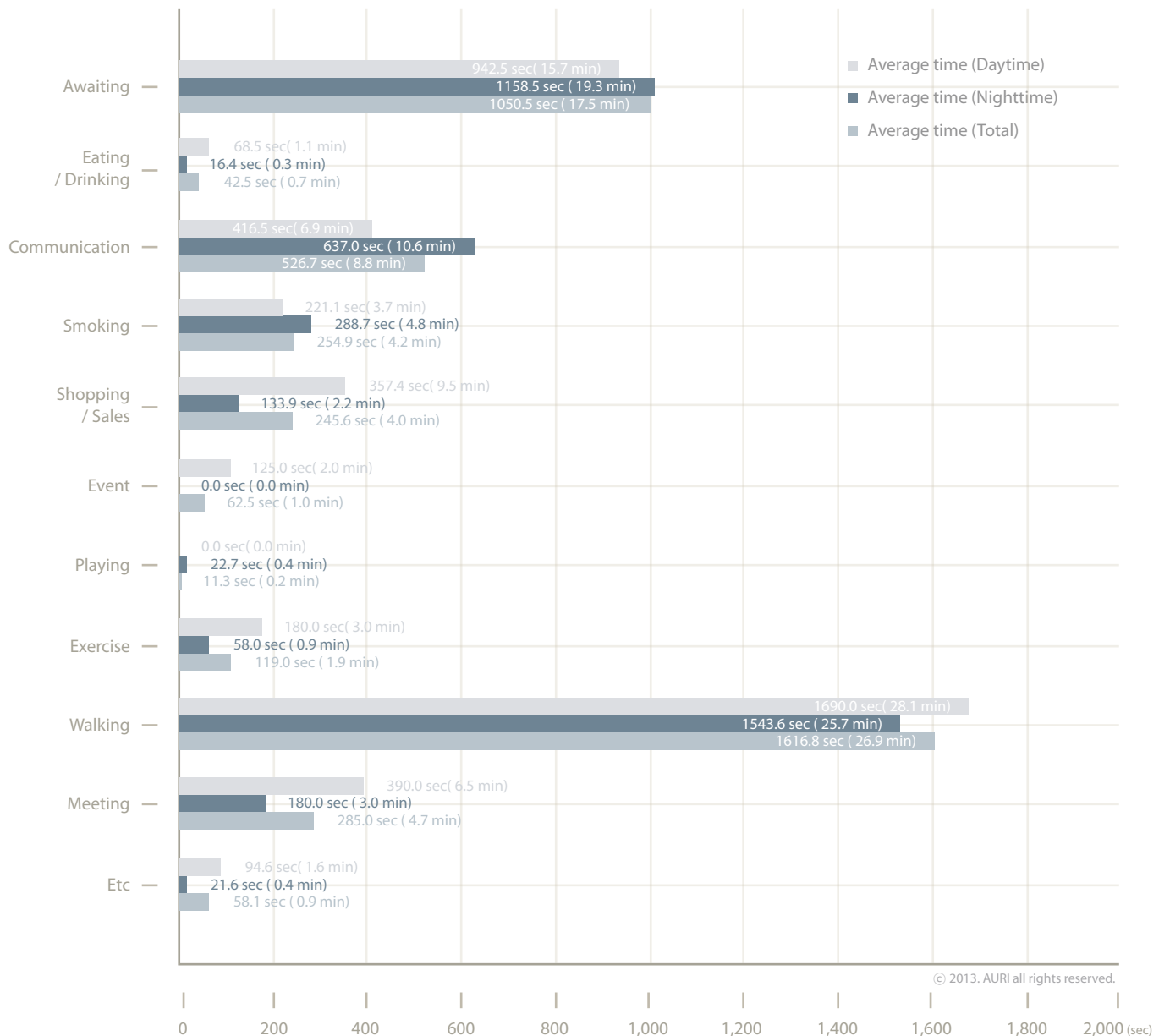


- Pedestrians transferred from public transportation approach during the daytime was figured 49.79%, which ranked the highest pedestrian volume supply, while the number of pedestrians departing and approaching through crosswalk increases as it reaches to the nighttime.



- When the same analysis is performed with pedestrian volume data from daytime peak and nighttime peak, respectively.

Pedestrian Activity



- Walking activity patterns, mainly happened within the commercial district, can be identified by sorting out them into 11 categories and analyzing each activity duration.
- The activities that retained most actively were essential activities such as walking and awaiting, and social activities such as communication, meeting, smoking follow after.