

THE COVID-19 PANDEMIC AND ITS EFFECTS ON URBAN TRAFFIC - HOW TO BOOST CONFIDENCE IN PUBLIC TRANSPORT

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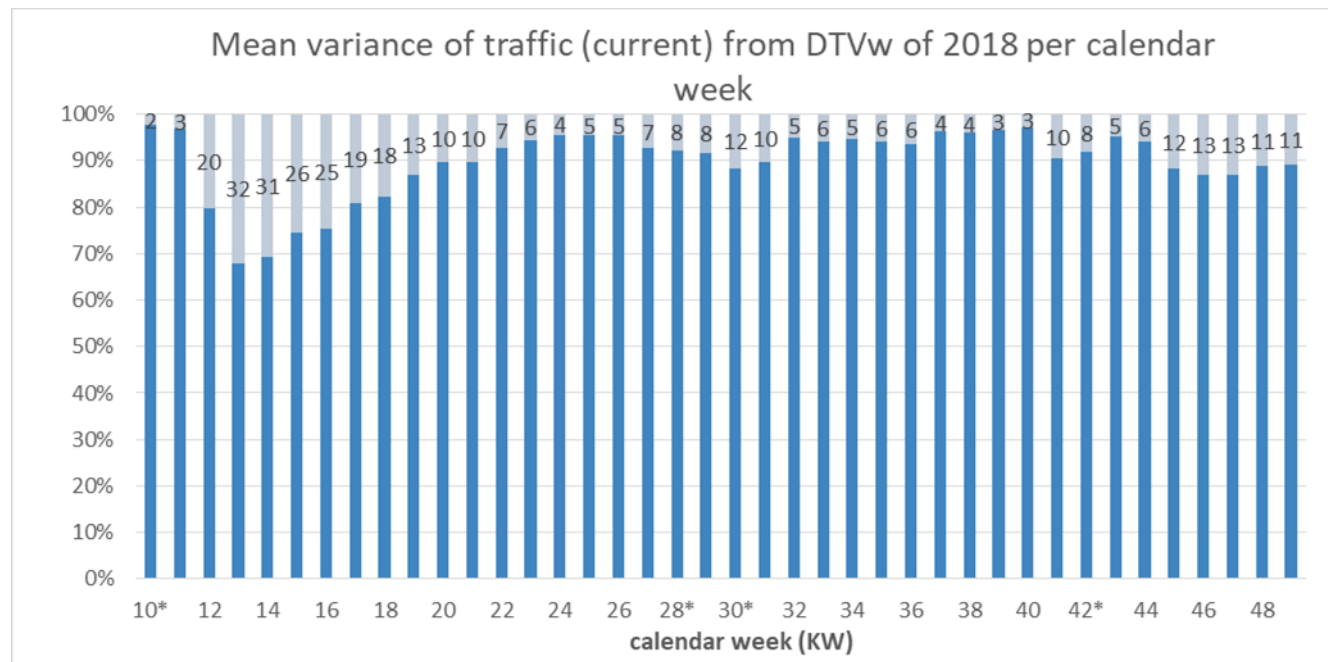


DEVELOPMENT OF MOTORIZED INDIVIDUAL TRANSPORT DURING CORONA PANDEMIC

- The MIT was counted with infrared detectors on selected spots in the city of Hamburg and analysed hereafter.
- In the beginning of the Corona pandemic (starting in March) the motorized individual transport dropped by more than 30% compared to the average daily traffic per business day (DTVw) of the year 2018.
- The traffic increased until the beginning of June to nearly a constant level of about 5% less before the pandemic (except school holidays).
- The second lock down in November reduced the MIT but not as drastic as during the first lock down.

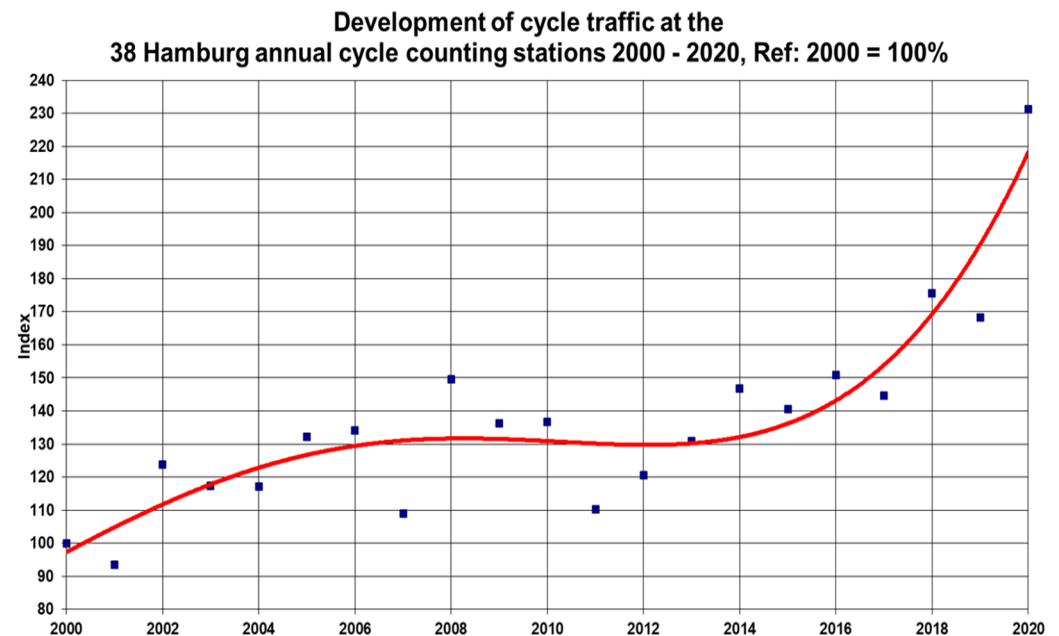


DEVELOPMENT OF MOTORIZED INDIVIDUAL TRANSPORT DURING CORONA PANDEMIC



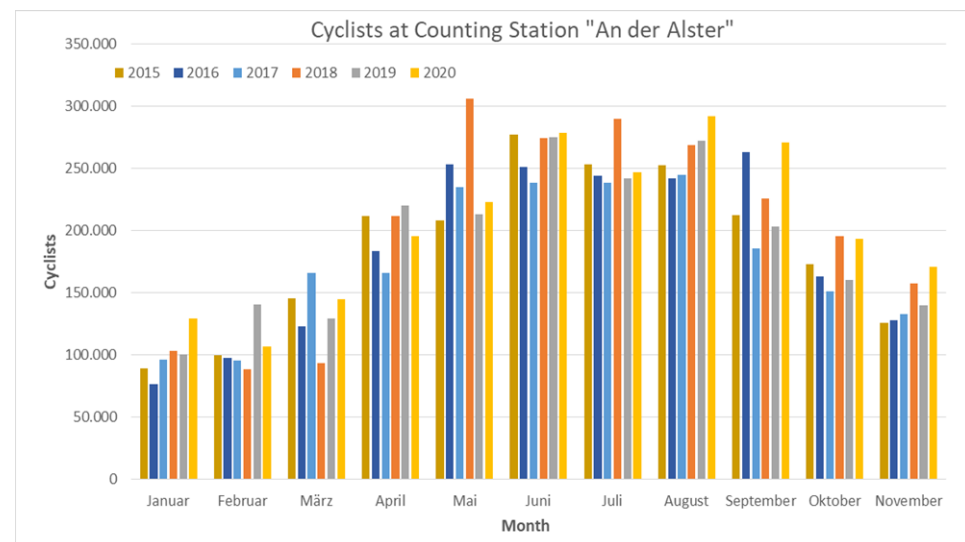
DEVELOPMENT OF BICYCLE TRAFFIC 2000 - 2020

- At 38 annual counting locations an increase of cycle traffic of 33% was observed compared to the previous year.
- The share of the pandemic in the increase cannot be estimated.



DEVELOPMENT OF BICYCLE TRAFFIC DURING CORONA PANDEMIC

- Cycle traffic usually strongly depends on season and weather conditions. The cycle traffic combines rides to work, school and university during business days as well as leisure rides on weekends.
- The bicycle traffic increased due to seasonal trends during the summer period.
- The cycle traffic during the lock downs did not change as seen for MIT.



DEVELOPMENT OF BICYCLE TRAFFIC DURING CORONA PANDEMIC

Assuming that the part employees working at home is in the same range for MIT and cyclists which points out that the bicycle becomes more popular.

Pop-up bike lanes are a way to further promote cycling.



BIKE RENTAL SYSTEM

Up to 18,000 trips per day in the summer.



Rides				
2016	2017	2018	2019	2020
3.044.000	2.921.000	2.938.000	2.662.000*	1.738.690**

*) System shutdown in January 2019

**) Period from January to September, extended downtime due to vandalism and broken locks

PUBLIC TRANSPORT

- DEVELOPMENT OF THE NUMBER OF PASSENGERS
- INCOME DEVELOPMENT
- TRUST CAMPAIGN
- CORONA PANDEMIC AND CLIMATE CHANGE
- OUTLOOK

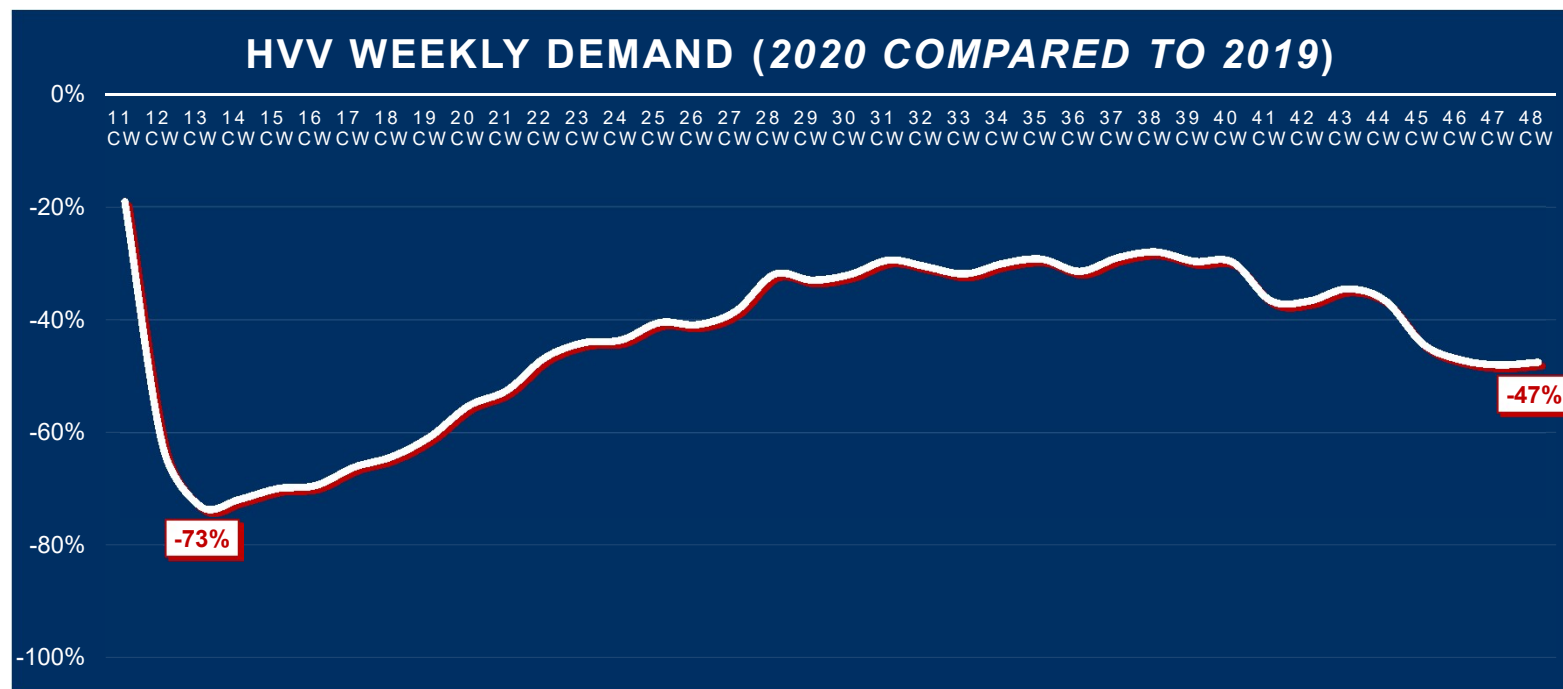


DEVELOPMENT OF THE NUMBER OF PASSENGERS IN LOCAL PUBLIC TRANSPORT DURING CORONA PANDEMIC

In the period from January to September 2020, the number of passengers fell from 586.3 million in the previous year to 393.4 million. This means a decrease of 32.9% or 192.9 million passengers.

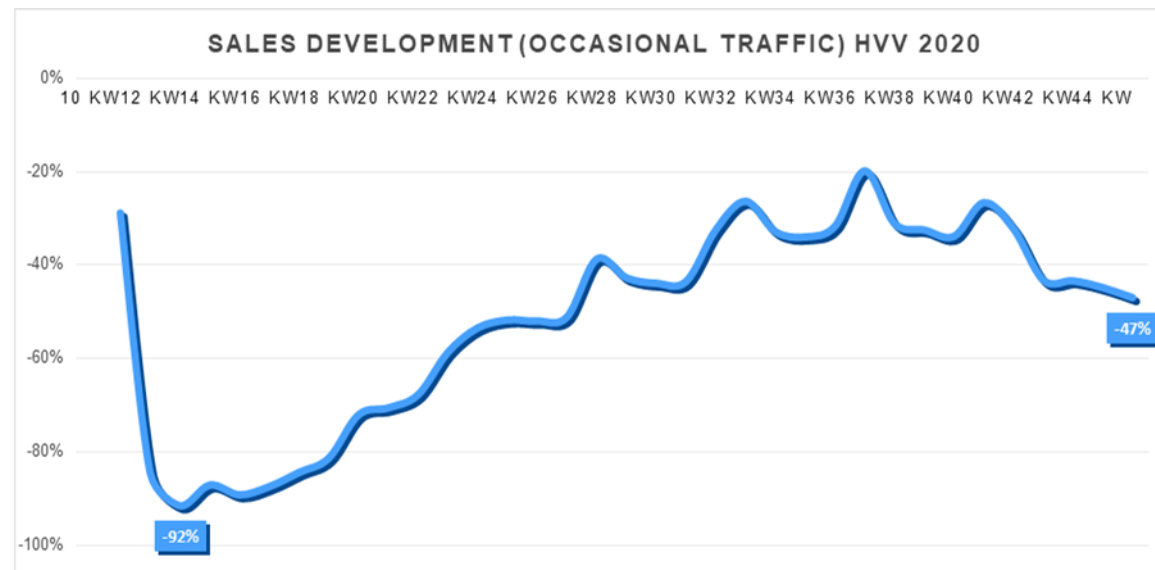
Month	Number of passengers in 2020 in millions	Number of passengers in 2019 in millions	Absolute change	Relative change
January	69,6	70,2	-0,6 m.	-0,9 %
February	65,5	63,2	+2,3 m.	+3,6 %
March	41,0	67,4	-26,4 m.	-39,2 %
April	20,7	65,1	-44,4 m.	-68,2 %
May	31,1	67,3	-36,2 m.	-53,8 %
June	36,8	63,1	-26,3 m.	-41,7 %
July	40,4	62,0	-21,9 m.	-34,8 %
August	43,5	64,5	-21,0 m.	-32,6 %
September	44,8	63,5	-18,7 m.	-29,4 %
Jan. - Sept.	393,4	586,3	-192,9 m.	-32,9 %

DEVELOPMENT OF PASSENGER IN LOCAL PUBLIC TRANSPORT DURING CORONA PANDEMIC



INCOME DEVELOPMENT IN LOCAL PUBLIC TRANSPORT DURING CORONA PANDEMIC

Compared to the first nine months of 2019, revenues decreased by 22.6% or 148.1 million euros (revenues in 2019: 655.9 million euros; revenues in 2020: 507.8 million euros).



SUBSCRIPTION BREAK IN LOCAL PUBLIC TRANSPORT DURING CORONA PANDEMIC

- As an alternative to cancelling the HVV subscription, the subscription could be paused from April 1st, 2020 upon informal notification.
- The break ended automatically on August 31, 2020. An earlier reactivation was possible at any time.
- In August 2020, around 17,600 full-time subscribers made use of the subscription pause.



TRUST CAMPAIGN IN LOCAL PUBLIC TRANSPORT DURING CORONA PANDEMIC

In order to regain trust in local public transport and win back customers,

- the HVV launched the “Eine Sorge weniger” (“one worry less”) campaign.
The idea: The HVV cannot relieve the customer of all worries in the corona crisis, but one thing is certain: The customer will continue to get where he needs to go. For work, family, shopping. Safe, healthy, uncomplicated, in time.
- the federal government launched the “Besser weiter” (“better continue” or “better further”) campaign.



HYGIENE MEASURES IN LOCAL PUBLIC TRANSPORT DURING CORONA PANDEMIC

- Regaining trust is achieved with targeted measures in the areas of hygiene, good timing, the obligation to cover the mouth and nose, regular ventilation of the vehicles and the installation of partition plates in the buses.
- Further to the regular thorough cleaning of all vehicles and stops, mobile hygiene teams from the Hamburger Hochbahn, S-Bahn and Verkehrsbetriebe Hamburg-Holstein are out in the HVV every day.
- The Hamburger Hochbahnwache controls compliance with the mask requirement. Refusals are instructed and, if necessary, excluded from carriage. In addition, there is a contractual penalty of 40 euros if mouth and nose protection is missing or not worn correctly, and an additional fine of up to 150 euros.

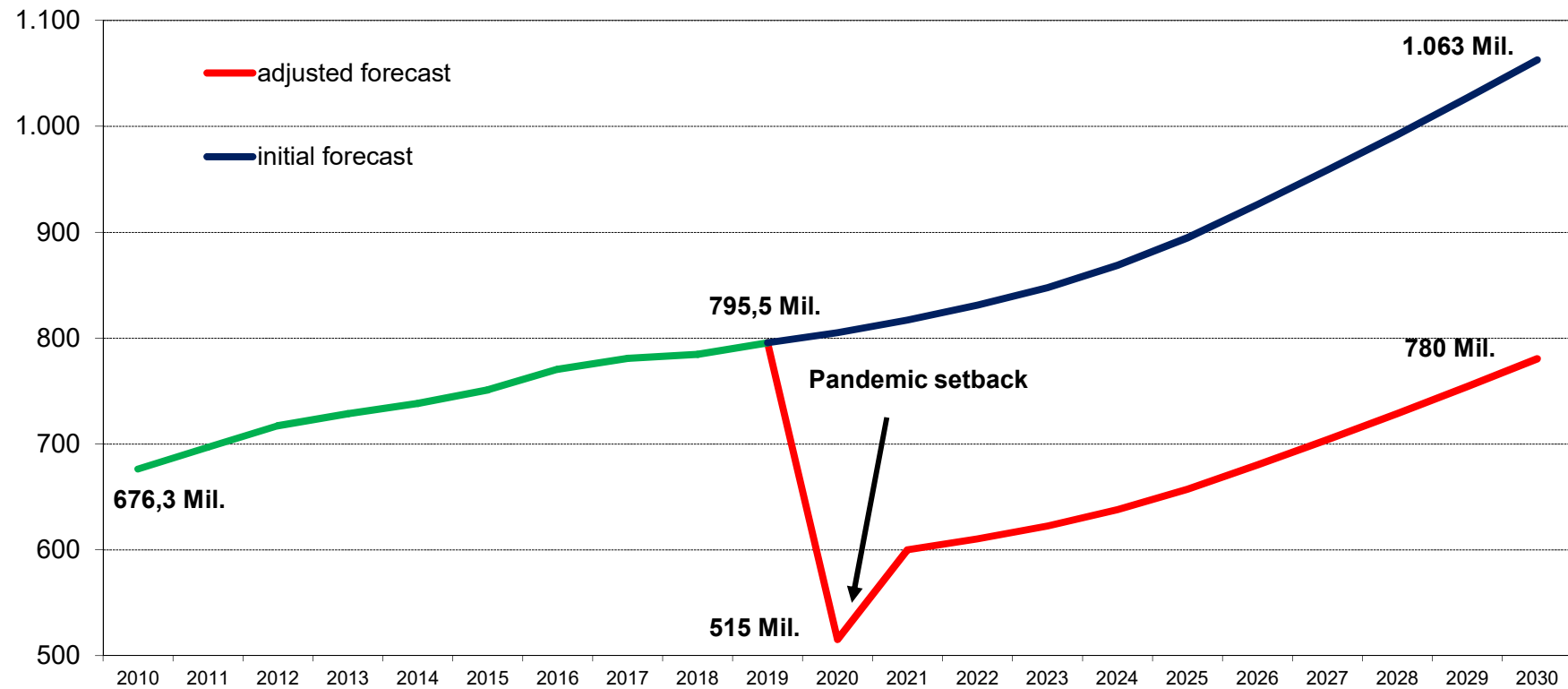
CORONA PANDEMIC AND CLIMATE CHANGE

Climate change is also an opportunity to further increase the attractiveness of local public transport during the corona pandemic and beyond. Therefore it is absolutely necessary to still hold on the climate goals and intensify the efforts in transport with efficient approaches. The authorities need to set the basic conditions for enabling relevant changes:

- No CO2 emissions
- Prioritization pedestrians (where it is suitable)
- Prioritization cyclists (for example pop-up bike lanes)



FORECAST OF PASSANGER DEMAND 2010 - 2030 (IN MIL.)



FORECAST REVENUE IN LOCAL PUBLIC TRANSPORT

- A distinction is made between three rough scenarios for 2021 (pessimism, hope and optimism scenario). Based on these scenarios, increases in fare income (compared to 2020) are expected in a range starting at just under 60 million Euros to just under 161 million Euros.
- This figure is evaluated every week according to new situations or framework conditions and adjusted if necessary. Currently annual revenues of 790 million Euros is expected in 2021.





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