

**Appendix 1.** Population characteristics in the city of Wuhu in 2021

<b>Characteristic</b>	<b>Population (n = 367.20) 10,000</b>	<b>Percentage</b>
<b>Sex</b>		
<b>Male</b>	187.47	51.05
<b>Female</b>	179.73	48.95
<b>Age group (y)</b>		
<b>0 - 14</b>	52.18	14.21
<b>15 - 59</b>	242.28	65.98
<b>≥ 60</b>	72.74	19.81

Download from website:

(<https://tjj.wuhu.gov.cn/zhsj/tjnj/%E8%8A%9C%E6%B9%96%E7%BB%9F%E8%A%E%A1%E5%B9%B4%E9%89%B42022.html>)

**Appendix 2.**

<b>ID</b>	<b>Age (y)</b>	<b>Gender</b>	<b>Districts</b>	<b>Date of confirmation</b>	<b>Clinical Outcomes</b>	<b>Epidemiologic risk category</b>
WH001	59	M	Fanchang	24 March	Mild	The first confirmed COVID-19 case
WH002	59	F	Fanchang	25 Marh	Mild	Close contact with the first case
WH003	34	M	Fanchang	25 Marh	Asymptomatic	Close contact with the first case
WH004	30	F	Fanchang	25 March	Asymptomatic	Close contact with the first case
WH005	54	F	Fanchang	25 March	Asymptomatic	Close contact with the first case
WH006	54	M	Fanchang	25 March	Asymptomatic	Close contact with the first case
WH007	67	M	Fanchang	25 March	Asymptomatic	Close contact with the first case
WH008	46	F	Fanchang	26 March	Mild	Close contact with the first case
WH009	49	M	Fanchang	26 March	Mild	Identified in the lockdown zone
WH010	31	M	Fanchang	26 March	Asymptomatic	Close contact with the first case
WH011	50	F	Fanchang	26 March	Asymptomatic	Identified in the lockdown zone

WH012	25	M	Fanchang	26 March	Asymptomatic	Close contact with the first case
WH013	51	F	Fanchang	26 March	Asymptomatic	Close contact with the first case
WH014	33	M	Fanchang	27 March	Mild	Close contact with the first case
WH015	34	F	Fanchang	27 March	Asymptomatic	Close contact with the first case
WH016	25	F	Fanchang	27 March	Asymptomatic	Close contact with the first case
WH017	41	F	Yijiang	27 March	Asymptomatic	Close contact with the first case
WH018	46	M	Fanchang	27 March	Asymptomatic	Close contact with the first case
WH019	32	M	Fanchang	27 March	Asymptomatic	Close contact with the first case
WH020	26	M	Fanchang	27 March	Asymptomatic	Close contact with the first case
WH021	49	M	Fanchang	27 March	Asymptomatic	Close contact with the first case
WH022	45	F	Fanchang	27 March	Asymptomatic	Close contact with the first case
WH023	43	F	Fanchang	27 March	Asymptomatic	Close contact with the first case
WH024	33	M	Fanchang	27 March	Asymptomatic	Close contact with the first case
WH025	42	M	Fanchang	27 March	Asymptomatic	Close contact with the first case
WH026	50	F	Fanchang	27 March	Asymptomatic	Close contact with the first case
WH027	31	F	Fanchang	28 March	Asymptomatic	Close contact with the first case
WH028	35	F	Fanchang	28 March	Asymptomatic	Close contact with the first case
WH029	54	M	Fanchang	28 March	Asymptomatic	Close contact with the first case
WH030	33	F	Fanchang	28 March	Asymptomatic	Close contact with the first case
WH031	33	M	Fanchang	28 March	Asymptomatic	Close contact with the first case
WH032	56	F	Fanchang	28 March	Asymptomatic	Close contact with the first case

WH033	33	F	Fanchang	28 March	Asymptomatic	Close contact with the first case
WH034	50	F	Fanchang	28 March	Asymptomatic	Identified in the lockdown zone
WH035	37	F	Nanling	28 March	Asymptomatic	Close contact with the first case
WH036	32	F	Jinghu	28 March	Asymptomatic	Close contact with the first case
WH037	27	F	Jinghu	28 March	Asymptomatic	Close contact with the first case
WH038	28	F	Jinghu	28 March	Asymptomatic	Close contact with the first case
WH039	55	M	Yijiang	28 March	Asymptomatic	Close contact with the first case
WH040	85	F	Fanchang	29 March	Mild	Close contact with the first case
WH041	9	F	Fanchang	29 March	Asymptomatic	Identified in the lockdown zone
WH042	13	M	Fanchang	29 March	Asymptomatic	Identified in the lockdown zone
WH043	30	M	Fanchang	29 March	Asymptomatic	Identified in the lockdown zone
WH044	41	F	Fanchang	30 March	Asymptomatic	Identified in the lockdown zone
WH045	85	F	Fanchang	30 March	Asymptomatic	Identified in the lockdown zone
WH046	36	F	Fanchang	30 March	Asymptomatic	Identified in the lockdown zone
WH047	33	F	Fanchang	30 March	Asymptomatic	Identified in the lockdown zone
WH048	49	F	Fanchang	30 March	Asymptomatic	Identified in the lockdown zone
WH049	50	M	Fanchang	30 March	Asymptomatic	Identified in the lockdown zone
WH050	30	F	Fanchang	30 March	Asymptomatic	Identified in the lockdown zone
WH051	33	M	Fanchang	30 March	Asymptomatic	Identified in the lockdown zone
WH052	0.5	M	Fanchang	30 March	Asymptomatic	Identified in the lockdown zone
WH053	24	F	Fanchang	31 March	Asymptomatic	Identified in the lockdown zone
WH054	50	F	Fanchang	31 March	Asymptomatic	Identified in the lockdown zone

WH055	50	M	Fanchang	31 March	Asymptomatic	Identified in the lockdown zone
WH056	62	M	Fanchang	31 March	Asymptomatic	Identified in the lockdown zone
WH057	59	F	Fanchang	31 March	Asymptomatic	Identified in the lockdown zone
WH058	5	M	Fanchang	1 April	Asymptomatic	Identified in the lockdown zone
WH059	43	M	Fanchang	1 April	Asymptomatic	Identified in the lockdown zone
WH060	22	M	Fanchang	1 April	Asymptomatic	Identified in the lockdown zone
WH061	28	F	Fanchang	1 April	Asymptomatic	Identified in the lockdown zone
WH062	44	F	Fanchang	2 April	Asymptomatic	Identified in the lockdown zone
WH063	6	F	Fanchang	3 April	Asymptomatic	Identified in the lockdown zone
WH064	33	F	Fanchang	5 April	Asymptomatic	Identified in the lockdown zone