EXIT QUESTIONNAIRE

Hello, my name is (**INTRODUCE YOURSELF**). I am assisting the International Institute of Tropical Agriculture (IITA) in conducting a study to document the baseline survey for tomato production in Kano state, Nigeria. I would like to ask you some questions related to your tomato production, post-harvest handling, and marketing and challenges in relation to production and bulk marketing of tomatoes. This study includes seven modules, which will all together take approximately 60 minutes. Your participation is voluntary. Your refusal to participate or to withdraw from the study carries no penalty or loss of any benefits. You are free to not answer any of the survey questions. However, your participation will be valuable for the research we are conducting. All information provided by you will be kept confidential including your identity, households name, land size and income etc. Your privacy will be protected to the maximum extent allowable by law. Only the researchers and IITA will have access to the data. Your identity will never be included as part of the published results of this research. If you have any questions or concerns, you can ask me or contact: Dr. Mesay Yami (m.gurmu@cgiar.org), Dr. Didier Kadjo, kadjodid@gmail.com or Prof. Saweda Onipede Liverpool-Tasie (S.Liverpool-Tasie@cgiar.org).

Do you have any questions about this study for me?

<***Enumerator: pause and respond to any questions raised, then continue with the following statement***>.

May we start this study? **By continuing** your participation, you indicate your **willingness to voluntarily participate** in all the components of this study.

A0: IDENTFICATION OF HOUSEHOLD

A. IDENTIFYING INFORMATION

1. Enumerator ID (what your supervisor has given you)	
2. Enumerator Name	
3. Date of the interview	
4. State	
5. Local Government Area	
6. Name of the community	
7. Control and Treatment groups (C1, C2, T1 & T2)	
8. Name of Respondent	
9. Cell phone number	

A1: SOCIO-ECONOMICS CHARACTERISTICS

Variable	Response	Codes
10. Gender of the respondent		0=Female, 1=Male
11. Age of the respondent (years)		
12. What is the household structure?		[a]
13. Marital status of the respondent		[b]
14. Highest education level completed by the respondent		[c]
15. Respondent's Household size		
16. How many children did you have in school during the last season (2022/2023)		
17. Number of adults in the household in 2022/23		
18. Primary occupation of the respondent		[d]
19. Secondary occupation of the respondent		[d]
20. What is the historical background of the household?		1. Native, 2= Immigrant
21. How long have you been involved in tomato production? (years)		

[a] 1=Male-headed monogamous household, 2=Male-headed polygamous household, 3=Female-headed household
[b] 1=Married, 2=Single, 3=Widowed, 4=Divorced, 5=Other (Specify)
[c] 1=No formal education, 2=Adult/religious (Koran school) school, 3= Primary education, 4= Secondary education, 5= Vocational training, 6=College/Polytechnic education, 7=University education
[d] 1= Civil/public servant, 2=Non-farm related business, 3= Farming, 4=Agriculture trading, 5= Pensioner, 6= Others (specify)
Assets?

A2: TOMATO 2022/2023 PRODUCTION (To be repeated for both production systems)

Variable	Response	Codes
22. Which production system did you use to produce tomato in 2022/2023?		1=Rain-fed, 2=Irrigation, 3= Both
23. How did you acquire the land for tomato production in the last production season?		[a]
24. What is the size of your total cultivated farm land area in 2022/23 (in acres)		
25. Total area allocated for tomato production last year in 2022/23 (in acres)		
26. Which seed type did you use last year?		[b]
27. Amount of seed rate applied in 2022/23 production season (in grams)		
28. Source of planting material for tomato		[c]
29. If answer was "purchased" in No. 28; what was the source of purchase?		[d]
30. Amount of seed rate applied in 2022/23 production season		
31. If purchased, what was the price of the seed cost in 2022/2023 season		
32. How many time do you harvest tomato in the 2022/2023 season		

[a] 1=Purchase, 2=Family/inheritance, 3=Rented/leased, 4= Gift, 5=Caretaking, 6=Others (specify)
[b] 1= Open pollinated (OPV), 2= Hybrid, 3=Both
[c] 1=Purchased, 2=Previous harvest, 3=Borrowed, 4=Gift, 5=Other (Specify)
[d] 1=Research Institute, 2=Seed companies, 3= Agro-dealers, 4= Farmers' associations, 5= Extension agents, 6=Others (specify)

A2.1: GOOD AGRICULTURAL PRATCIE (GAP)

Variables	**Response**	**Codes**
33. Have you received any training during the past three seasons?		Yes (1) /No (0)
34. If yes, when was it?		
35. Have you received any training on good tomato agricultural practices (GAP) in 2022/23 production season?		Yes (1) /No (0)
36. How many specialized trainings on tomato cultivation did you attend in 2022/23 production season (Yrs)?		
37. If yes, who provided the training?		[a]
38. Did you use pesticides in the 2022/23 production season?		Yes (1) /No (0)
39. Where did you buy pesticides in 2022/23 production season?		[b]
40. When you buy pesticides, did they explain to you how to store, use it and disposal after use in the 2022/23 production season?		Yes (1) /No (0)

41. Did you receive training in 2022/23 on how to dispose pesticide waste after use?		Yes (1) /No (0)
42. How did you dispose pesticide container after use in 2022/23?		[c]
43. Do you distinguish counterfeit pesticides in the market?		Yes (1) /No (0)
44. When spraying pesticides (family/hired labour) did they wear personal protective clothing in 2022/23 production season?		Yes (1) /No (0)
45. When spraying pesticides (family/hired labour) did they wear protective boots in 2022/23 production season??		Yes (1) /No (0)
46. When spraying pesticides (family/hired labour) did they wear masks in 2022/23 production season??		Yes (1) /No (0)
47. When spraying pesticides (family/hired labour) did they wear goggles?		Yes (1) /No (0)
48. How many days, on average, after spraying/applying pesticides did you harvest in 2022/23 production season (days)?		
49. What time of a day do you usually harvest?		[d]
50. What stage did you harvest your tomato in 2022/23 production season?		[e]
51. If it is in afternoon, what did you use to reduce post-harvest loss owing to excessive heat in 2022/23 production season?		[f]
52. Did the harvester use gloves while harvesting in 2022/23 production season?		Yes (1) /No (0)
53. Which materials did you frequently use for collecting harvested tomatoes in the field in 2022/23 production season?		[g]
54. Did you practice staking for growing in 2022/23 production season?		Yes (1) /No (0)
55. Do you apply pruning in 2022/23 production season?		Yes (1) /No (0)

[a] 1=Research Institute, 2=Tomato Growers' Association of Nigeria (TOGAN), 3=Private companies/processors, 3= Agro-dealers, 4= Farmers' associations/cooperatives, 5= FMARD/Extension agents, 6=Others (specify)
[b] 1=Traders/input supplier shop, 2=Distributor/company's sales agent, 3= FMARD/extension, 4= Open market from farmers, 5= Cooperatives, 6=Associations, 7= Others (specify)
[c] 1=Throw away on the farm, 2= Burn, 3 Throw away into the village waste dump, 4= Throw away into nearby bush, 5= Collect & sell them, 6=Re-use for another purpose, 7= Burry, 8= Throw into the drainage canals/streams/rivers
[d] 1=Morning, 2= Afternoon, 3=Late afternoon/in the evening, 4= Others (specify)
[e] 1=stage I, 2= Stage II, 3=Stage III, 4= Stage IV, 5= Stage V, 6=Stage VI
[f] 1=Pre-cooling after harvest, 2= Tree shade, 3=Store in thatched house, 4= Put it in refrigerator, 5= Others (specify)
[g] 1=Raffia, 2= Plastic Crate, 3= Both raffia & plastic crate, 4= Pail/Buckets, 5=Others (specify)

A3: POST-HARVEST HANDLING

Variable	Response	Codes
56. Did you harvest your tomatoes in bulk or batches in 2022/2023		1.Once, 2. Multiple times
57. Have you received any training on tomato storage practices in 2022/23 production season?		Yes (1) /No (0)
58. If yes, who provided the training?		[a]
59. Have you received any training on tomato packaging/handling practices in 2022/23 production season?		Yes (1) /No (0)
60. If yes, who provided the training?		[a]
61. Did you have a place to store your irrigated tomato products after harvest and before sale in 2022/23?		Yes (1) /No (0)
62. Did you have a place to store your rain-fed tomato products after harvest and before sale in 2022/23?		Yes (1) /No (0)
63. What was the most common type of storage practice do you use for your tomato production before sale in 2022/23?		[b]
64. How long did you store your product before sale during the last season (days)?		
65. Did you normally practice pre-cooling before selling in 2022/23?		Yes (1) /No (0)
66. Did you clean, sort and grade your product before marketing in 2022/23?		Yes (1) /No (0)
67. Did you apply disinfectants before storage or selling in 2022/23?		Yes (1) /No (0)
68. Did you use cold room/storage for storing tomatoes before marketing? (it could be cooperatives owned) in 2022/23		Yes (1) /No (0)
69. Are you aware of zero energy cool chambers storage practice?		Yes (1) /No (0)
70. If yes, did you use to store your 2022/23 harvest before selling?		Yes (1) /No (0)

[a] 1=Research Institute, 2=Tomato growers' association of Nigeria (TOGAN), 3=Private companies/processors, 3= Agro-dealers, 4= Farmers' associations/cooperatives, 5= FMARD/Extension agents, 6=Others (specify),
[b] 1=No storage, 2=Thatched house, 3=Shade/tree 4=cool storage, 5= Separate house, 6=Others (specify)

A3.1: POST-HARVEST CHALLENGES

Constraints	Response	Codes	Codes
71. Did you face the challenge of frequent occurrence of pest and disease in 2022/2023?		Yes (1) /No (0)	If Yes, [a]
72. Did inadequate storage facilities on the farm or in the market a challenge in 2022/2023?		Yes (1) /No (0)	If Yes, [a]
73. Did lack of good quality and improved seeds a challenge in 2022/2023?		Yes (1) /No (0)	If Yes, [a]
74. Did lack of ready market/contractual agreement a challenge in 2022/2023?		Yes (1) /No (0)	If Yes, [a]
75. Did the absence of cold storage transportation facilities for long distance trading a challenge in 2022/2023?		Yes (1) /No (0)	If Yes, [a]
76. Did you believe that post-harvest loss was caused by a poor road system in 2022/2023?		Yes (1) /No (0)	If Yes, [a]
77. Did inadequate knowledge of value addition & post-harvest handling procedures present a challenge in 2022/2023?		Yes (1) /No (0)	If Yes, [a]
78. Do you believe that the widespread adoption of conventional means of storage like raffia played a part in post-harvest loss?		Yes (1) /No (0)	If Yes, [a]
79. Unavailability of access to formal agricultural credit limited the use of improved post-harvest such as plastic crate?		Yes (1) /No (0)	If Yes, [a]
80. Do weather conditions, such as a drought or heavy rain, contribute to post-harvest loss?		Yes (1) /No (0)	If Yes, [a]
81. Has availability of ineffective and counterfeit pesticides in the market contributed to post-harvest loss?		Yes (1) /No (0)	If Yes, [a]

[a] 1=Very severe, 2=Severe, 3=Not Severe

A4: PLASTIC CRATE ADOPTION AND USE

Variable	Response	Codes
82. What did you use to store and transport your production (tomato) from farm to your aggregation point before sale during the last season (click all that apply)?		[a]
83. If plastic crates were not used, why did you not use plastic crates during the last season?		[b]
84. If plastic crates were not used during the last season, have you ever used plastic crate?		Yes/No
85. If yes when was the last time you use plastic crates (Number of years ago)		
86. If plastic crates were not used, did you receive a lower price because of the quality of your produce by the time it got to the market during the last season?		Yes (1) /No (0)
87. If yes how much less than the expected market price did you sell your produced (Naira/kg)		
88. If raffia were used, what proportion of your total quantity of tomato did you store and transport to your point of storage with raffia (%)?		
89. If raffia were used, what proportion of tomato did you transport to your point of sale/marketing with raffia) (%)		
90. If raffia baskets were used, how do you source the raffia?		[c]
91. If raffia were used, how much did you buy it, on average (Naira/crate)?		
92. What is the size of the raffia basket (kg)		
93. If raffia were owned, where did you buy it?		[d]
94. If plastic crates were used (including both crate and raffia), what proportion of quantity of tomato did you store and transport to your point of storage with the crates (%)?		

95. If plastic crate (including if you use both crate and raffia), what proportion of tomato did you transport to your point of sale/marketing with the crates) (%)?		
~~96. If both, what do you use the raffia basket for?~~		~~[e]~~
97. If you use plastic crates (including both), what do you use the plastic crates for?		[e]
98. If plastic crate (including both), what is the main benefit of using plastic crates?		[f]
99. If use of plastic crates (including both), have you ever received a price premium because of the quality of your product when packed in the crate?		Yes (1) /No (0)
100. If plastic crate (including both), how do you source the crate?		[g]
101. If owned, how much did you buy it at the time of purchase (Naira/crate)?		
102. If owned, where did you buy it?		[h]
103. If owned, whom did you buy from?		[i]
104. If owned or both (owned and rented) how many plastic crates did you have during the last season 2022/2023		
105. How long have you owned your plastic crates on average		
106. If rented, where did you rent it from most frequently?		[j]
107. If rented, from whom did you rent most frequently?		[k]
108. If rented, how much did you pay per day, on average, during the last season (Naira/crate)?		
109. If rented, how did you get the crates during the last season?		[l]
110. If rented, how long did it usually take to receive the crates after placing an order during the last season (days)?		
111. If rented, what percentage of your desired sale (using plastic crates) were you not able to sell in plastic crates because the service providers run out of stocks during the last season?		

[a] 1= Raffia basket, 2= Plastic crate, 3= Polythene bags, 4=Both raffia and plastic crate, 5= Pail/Buckets, 6. Plastic crate & Pail/Buckets, 7=Others (specify)
[b] 1=Unavailable when I needed, 2=Not affordable to own, 3=Don't know about it, 4=Not affordable to rent, 5=Buyers don't demand for it, 6= It is expensive and there is no premium price for tomatoes sold in crate, 7= I don't see the difference with other kinds of storage, 8=Others (specify)
[c] 1=Traders, 2=Other farmers in the market, 3=Associations (women groups/cooperatives), 4=Manufacturers, 5=Other (specify)
[d] 1=Community/village market, 2=Nearby market (retail/wholesale in LGA), 3= Distance wholesale market (another LGA/state), 4=Nearby motor park (within LGA), 5= Distance motor park (another LGA/state)
[e] 1=Sale in local market, 2= Sale in wholesale market (Lagos), 3=Storing for home consumption, 4=Others (specify)
[f] 1=Post-harvest loss reduction, 2=Price premium, 3= Both post-harvest reduction & price premium, 4= No special benefit, 5= my buyers require the use of plastic crates 99=Others (specify)
[g] 1=Rental, 2= Rental with a deposit, 3=Returnable without fee, 4= Owned, 5= Borrowing, 6=Other (specify)
[h] 1=Community/village market, 2=Nearby market (retail/wholesale in LGA), 3= Distance wholesale market (another LGA/state), 4=Nearby motor park (within LGA), 5= Distance motor park (another LGA/state)
[i] 1=Traders, 2=Manufacturers, 3= Farmers, 4= Associations, 5= Others (specify)
[j] 1=Community/village market, 2=Nearby market (retail/wholesale in LGA), 3= Distance wholesale market (another LGA/state), 4=Nearby motor park (within LGA), 5= Distance motor park (another LGA/state)
[k] 1=Traders, 2=Manufacturers, 3= Farmers, 4= Associations, 5= Crate renting company, 6=Others
[l] 1= Delivered to my community/farm by the renter, 2= Delivered to my community/farm by the buyer, 3= I arranged for transport to pick it up from the market & deliver to my farm

A5: MARKETING AND TRANSACTION COST

A5.1 MARKETING

112. How many times did you sell in bulk during last season? _____

97. # Harvest	Which production system 1=Rain-fed 2=Irrigation 3. Both	How many of each of the following basket sizes did you sell?				What packaging material did you use? 1, Crate 2, Raffia, 3, Both	**Total sale in basket quantity**	**Average sale price (** Naira/**basket)**			**Post-harvest loss (kg)**				
		30Kg basket (Qty)	**45kg basket** (Qty)	**70Kg basket** (Qty)	Other (specify)			30Kg basket	45kg basket	70Kg basket	**Loss on farm (kg)**	**Loss in harvesting (kg)**	**Loss in storage before sale (kg)**	**Loss in transport from storage/aggregation to the main point of sale (kg)**	**Total loss (kg)**
1st harvest															
2nd harvest															
3rd harvest															
4th harvest															
5th harvest															
6th harvest															
-															
Total															

A5.1.1 TRANSACTION COST (DISTANCE TO MARKET & PURCHASING/RENTING SHOPS)

97. # Harvest	Harvested amount	Which production system 1=Rain-fed, 2=Irrigation 3= Both	Where did you sell this harvest in 2022/23 production season?	Who was your buyer?	Did you have market information before selling?	If yes, what were the major sources of market price?	Who determined the market price?	Distance to the sales point (walking minute) in 2022/23	Quantity sold using raffia (kg)	Quantity sold using crate (kg)	Distance of the farm to the buying point of raffia (walking minutes) in 2022/23	Distance of the farm to the renting point of raffia (walking minutes) in 2022/23	Total cost of transporting the purchased raffia basket from buying to farmers' gate in 2022/23 (Naira)?	Distance of the farm to the buying point of plastic crate (walking minutes) in 2022/23	Distance of the farm to the renting point of plastic crate (walking minutes) in 2022/23	Total cost of transporting the rented/purchased plastic crate product from buying/renting point to farmers' gate in 2022/23 (Naira)?	Did you incur transportation costs when selling your tomato last year?	If yes, total quantity transported in kg	What was the total transportation costs incurred from the farm to the main bulk selling point in 2022/23 (Naira)?	~~Costs paid for transportation (vehicle etc.)~~
1st harvest			[a]	[b]	Yes (1) /No	[c]	[d]										Yes (1) /No			
2nd harvest			[a]	[b]	Yes (1) /No	[c]	[d]										Yes (1) /No			
3rd harvest			[a]	[b]	Yes (1) /No	[c]	[d]										Yes (1) /No			

4th harvest			[a]	[b]	Yes (1) /No	[c]	[d]										Yes (1) /No			
5th harvest			[a]	[b]	Yes (1) /No	[c]	[d]										Yes (1) /No			
6th harvest			[a]	[b]	Yes (1) /No	[c]	[d]										Yes (1) /No			

Note: The harvested amount (shaded) (good if the total should be automatically displayed here for ease, but not sure if the unit change (different basket size) affect the coding. We will find out from Yinka): Any suggestion is welcome

[a] 1= On farm, 2=Aggregation point in the local community (LGA), 3=village market, 4=Local retail/wholesale market (within my LGA), 5= Retail/wholesale market outside of my LGA but within the state, 6= Wholesale market in another state, 7=Outside of Nigeria
[b] 1= Agent/ Aggregator, 2=Retailer in the local market, 3= Local wholesale market (within my LGA), 4= Wholesale market outside of my LGA but within the state, 5= Wholesale market in another state, 6=Exporter, 7= Processor, 8=Other (specify)
[c] 1= TOGAN, 2= Traders, 3= Other farmers, 4= Cooperatives, 5= Communication asset & social media (phone, radio…)
[d] 1= TOGAN, 2= Traders, 3= Other farmers, 4= Cooperatives, 5= Communication asset & social media (phone, radio…)

A5.1.2 TRANSACTION COST

Variables	Response	Codes
113. Where did you sell the bulk of your tomato product in 2022/23?		[a]
114. Name your top buyers (select up to 3) in the 2022/23 production?		[b]
115. What share of your 2022/23 total produce did you sell to first top buyer (percent)?		
116. What share of your 2022/23 total produce did you sell to second top buyer (percent)?		
117. What share of your 2022/23 total produce did you sell to third top buyer (percent)?		
118. Did you sell the bulk tomato production in 2022/23 on contractual basis?		Yes (1) /No
119. If yes, to whom?		[c]
120. How did you get the bulk tomato production in 2022/23 to the buyer/market?		[d]
121. How did you choose where to sell your bulk product in 2022/23?		[e]
122. How do you choose whom to sell your bulk production to in 2022/23?		[f]
123. Did you have market price information before selling the bulk of your tomato product in 2022/23?		Yes (1) /No
124. If yes, what are the major sources of market price information for the 2022/23 harvest?		[g]
125. How would you rate the information about market price?		[h]
126. Who determined the market price for the bulk sale in 2022/23?		[i]
127. Distance of the farm to your storage unit (walking minutes)		

[a] 1= On farm, 2=Aggregation point in the local community (LGA), 3=village market, 4=Local retail/wholesale market (within my LGA), 5= Retail/wholesale market outside of my LGA but within the state, 6= Wholesale market in another state, 7=Outside of Nigeria

[b] 1= Agent/ Aggregator, 2=Retailer in the local market, 3= Local wholesale market (within my LGA), 4= Wholesale market outside of my LGA but within the state, 5= Wholesale market in another state, 6=Exporter, 7= Processor, 8=Other (specify)

[c]1= Agent/ Aggregator, 2=Retailer in the local market, 3= Local wholesale market (within my LGA), 4= Wholesale market outside of my LGA but within the state, 5= Wholesale market in another state, 6=Exporter, 7= Processor, 8=Other (specify)

[d] 1= I deliver myself, 2= Hire a trucking firm/transport service to deliver, 3=The buyer arranges transport to collect the product, 4= Other (specify)

[e] 1= Closest market/sales point to my farm, 2=Market/sales point with the best price, 3= Market/sales point that I am used to selling, 4= Market/sales point where I am sure I can find a buyer, 5= Other (specify)

[f] 1=I sell to any random buyer/no choice available, 2= Buyer with long relationship, 3=Buyer offers high price, 4= Whom I can get immediate cash payment 5= Buyer who is willing to come and pick up the product, 6=Other (specify)

[g] 1= TOGAN, 2= Traders, 3= Other farmers, 4= Cooperatives, 5= Communication asset & social media (phone, radio…)

[h] 1=Very reliable, 2= Reliable, 3=Moderately reliable, 4=Slightly reliable, 5= Not reliable

[i] 1= TOGAN, 2= Traders, 3= Farmers, 4= Cooperatives, 5= Negotiation, 6= Other (specify)

A6: INSTITUTIONAL SUPPORT

Variables	Response	Codes
128. How frequently did extension agents visit your farm last season in the rainy season?		[a]
129. How frequently did extension agents visit your farm last season in the rainy season?		
130. Are you a member of Tomato Growers' Association of Nigeria (TOGAN)		Yes (1) /No (0)
131. Do you belong to any farmers' association?		Yes (1) /No (0)
132. If yes in (127), how long have you been a member? (Years)		
133. Did you have access to formal credit for tomato production last season?		Yes (1) /No (0)
134. If yes in (129), what was the source of the credit?		[b]
135. Did you buy tomato production inputs collectively with other farmers in 2022/2023?		Yes (1) /No (0)
136. Did you sale tomato production collectively with other farmers in 2022/2023?		Yes (1) /No (0)

[a] 1=Weekly, 2= Fortnightly (every two weeks), 3=Monthly, 4= Bi-monthly, 5=Annually, 6= Never
[b] 1=Banks, 2=Family members, 3= Money lender, 4=Farmers associations

A7. ASSET

Social assets		
137. How long have you been living in your community (Nb. years)		
138. Do you have any position in your community?		Yes (1) /No (0)
139. Did you have your own mobile phone?		[a]
140. Do you have access to the internet via the phone?		[b]
141. For which purpose did you mainly use the internet last season? (Please tick at maximum three)		[c]
Financial assets		
142. How much cash did you have in saving at the start of the irrigation season during 2022/2023? (Naira)		
143. How much cash did you have in saving at the start of the rain-fed season during 2022/2023? (Naira)		
Physical assets		
144. Did you own transport equipment (motorbike/ bicycle) in 2022/23 production seasons?		Yes (1) /No
145. How many pack animals (e.g. donkey, horse, oxen, camel, mule) did you own during the last 2022/23 production season?		
146. What is your estimated value of your physical assets (TV, radio, motorbikes, bikes, livestock, main house, etc) (Naira)		

[a] 1= Yes, feature phone, 2= Yes, Smartphone, 3=I share a feature phone with others, 4=I share a smartphone with others, 5=No
[b] 1= Yes via wifi at home, 2=Yes via wifi at other places (e.g. public hotspots), 3=Yes via mobile internet (regularly), 4=Yes via mobile internet only occasionally, 5=No internet access
[c] 1= To stay in contact with buyers and input providers, 2=Finding information about agricultural issues, 3=Reading the news (e.g. political news), 4=Purchase of tomato inputs (via WhatsApp, telegram…), 5=Sale of tomato production (via WhatsApp, telegram…), 6=Receive/exchange agricultural information (via WhatsApp, telegram…), 7=Listening to or watching music