



Phase I



!"!#%& &'(('%'') *%#- . #,/01## # # # # # # 23#
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4"!#567.),#0. &%*768- '9(## # # # # # # 2: #
 4"4# , - < , . #0. &%*768- '9(# # # # # # 2=#
 4">#%/(. - %0#0. &%*768- '9(# # # # # # 2@#
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>"!#A8%7, #867, '9'86, '% # # # # # # # # !>#
 >"4#B C D E F @7. <6, . 0#677. 7(# %867, '9'86, '% # # # # # # !=#
 >">#A8%7, #6) 0#8- 1('96469, 'H, 1#%/ , 9%&. (# # # # # # 42#
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3"!# 18. #%#(8%7, #867, '9'86, '% # # # # # # 4@#
 3"4# 6&'<1#8%7, #8.) 0') *## # # # # # # >2#
 3">#K677. 7(# %#- . #7. (/ & 8, '% # %#(8%7, #69, 'H, 1# # # # # # >!#
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L"!#E'++ 7.) 9. (#G1#VA#7. *'% # # # # # # # # >>#
 L"4#E'++ 7.) 9. (#G1#0%& &/) ', 1#18. # # # # # # # # >: #
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 L"3#E'++ 7.) 9. (#G1# . N# # # # # # # # 34#
 L"L#E'++ 7.) 9. (#G1# %/(. - %0#) 9%&. # # # # # # # # 3L#

1.1 Commissioning of the study

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1- . # (8.) # (, , / , . Q#A8%7, (P#A%0' . , 1#57%*76& # 6(#G. .) #) # N(, .) 9. # ') 9. # 2! > # 6) 0# , (# 7 & 671# & ' (' % # (# % # 9) H .) . # 60. 7(Q% (, . 7#0'6%* / . Q#) 0#) (8'7. # % / , ' % # (- 6, # . 8#8%7, # . 7H # - . # 8/ G<9#) , . 7. (, QR' , - # 6#%0/ (# 9) # - . # 0. H 9&8. .) , # 6# . 6<- 1#0- ' <07.) # 6) 0# 9&8 /) , ' . (' # - . # 87%*76& # 6(# / 99. ((+ / <1#87#H0. 0#6#H) / . # % 7# - % / * - , # 60. 7(- '8#R - . 7. # 6) %R < 0* . # 6) # G. # 0. . 8.) . 0# 6) 0# 67. 6S, - 7% / * - # , 76, . * . (# N8%7. 0# 9 # 676) * . # 6# ((/ . (' #

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1 % 06, . Q, (# ' *) 6, / 7. #) , ' 6, ' H # 6(# G. .) # ' # - . # A8%7, (P#A%0' . , 1#57%*76& # 6(# (/ . 0# A, 6, . # 6# 61#7. 8%7, (# 9) # - . # ((/ . (# 6+ 9, ') * # % / , - # 8%7, (#) * 6* . & .) , #) # 6<' & % 7. Q 67< & Q T % G< Q% / , - . 6(, # ' 9- ' * 6) Q . (, . 7) # . R # N%7SQA 6, < FX) * # % / , 1Q#) 0# 6R 6' " # 2! @Q - . # , . 6& # M % & # 677. 1Q% 9 # A% % & % Q Q)) + . 7#K7/R) # . 7. 7# 9&8 & ' (' % . 0# 6# 6, ' % 6# , / 01# % # 6((. ((# - . # , 6, . # 6# % / , - # 8%7, #) # - . # M) , . 0# A, 6, . (' # - . # 87% 9, # R 6(# 9&8 < , . 0#) # 67,) . 7(- '8# R' , - # 7# 76H(# % 7(9- Q% /) 0') * # 7. 9, % 7# % # - . # 6& ' < . (#) # A8%7, # 6G# 6, # M 6- # A, 6, . # M) ' H 7(, 1' #

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1- . # 9 (, , # 6\$ B C E F I @) # 679- # 242# 6(# 60# 6# 7% % /) 0# & 869, # 9 # - . # 9&8 /) , ' . (Q % 7* 6) ' ^ 6, ' % (Q#) 0# 6& ' < . (# R - % #) * 6* . #) # % / , - # 8%7, (#) # - . # M) , . 0# A, 6, . (' # (# 67. (/ < Q (8.) Q# A8%7, (P#A%0' . , 1#57%*76& # 9&8 & ' (' % . 0# 6# . R # , / 01# % # G. # 0# 61# 7# % 7(9- # 6) 0# M 6- # A, 6, . # M) ' H 7(, 1' # - . # , / 01Q. (97G. 0# . 7. ') Q , ' < ^ . 0# 6# 6, ' % 6<1#7. 87. (.) , 6, ' H # 6& 8< # 6# 6: 2># 1% / , - # 8%7, # 67.) , (# R - % / . # 60# 67, ' 9' 86, . 0# 7. * / < 674#) # 9 . # 7# & % 7. # % / , - # 8%7, (# 7% 7# , % \$ B C E F I @ 7. < . 0# 7. (, 79, ' % (' # - . # 6' & # 6# - . # , / 01# R 6(# % 6007. ((# - . # G. - 6H% 7(# 6) 0# . N8. 9, 6, ' % (# 6# 9- ' <07.) Q# 67.) , (Q#) 0# 6& ' < . (#) # % / , - # 8%7, (#) # - . # 9/ 77.) , # 9 , . N # 6\$ B C E F ! @ #) # . # R' , - # - ' (# 6' & Q - . # , / 01# % / * - , # 67.) , # 8. 79. 8, ' % (# 6# - . # 9/ 77.) , # , 6, . # 6# % / , - # 8%7, # 6& ' 0(, # - . # 6) 0. & ' 9Q# (# R . < # (# - . ' 7# N8. 9, 6, ' % (# % 7# . , / 7) F, # 6<1# 7% % 9% (#) # 67% / (# % 7* 6) ' ^ 6, ' % 6<9&8 & /) , 1Q#) 0# % 0' . , 64# 9 , . N (' #

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1- . # / 7H 1Q% (, . 0# 6) 0# 0' (, 7G / , . 0# 61#_ / 6<79(#) , . 7) 6, ' % 6<Q 9' #) # 7# 6# 6# 6- QR 6(# 6# , / 01# 0. (' *) . 0#) (, 7/ & .) , # G / ' < # 61# - . # (8.) # (, , / , . # A8%7, (P#A%0' . , 1#57%*76& Q - 7% / * - # 9' .) , ' + 9# 9% (/ < 6, ' % # R' , - # 7# % 7(9- ' # A% & . # 6# - . # / . (' % (# R. 7. # 7. F(. 0# 7% & # - . # 2! @ # # 6) 0# 67. 9.) , # (8.) # (, , / , . # 9% < 6G% 76, ' % # R' , - # N% 7, - # 67% 6) 6# A, 6, . # M) ' H 7(, 1' # - . #) , ' 6# . 9, ' % # 6# - . # / 7H 1# 6(S. 0# 67.) , (# % #) (R. 7# 0. & % * 768- ' 9# . & (# 6G% / , # , - . & (. 4H (Q - . ' 7# 9- ' <07.) Q#) 0# - . ' 7# 6& ' <1' # - . # . 9% 0# . 9, ' % # 6(S. 0# 67.) , (# % # / & & 67^ . # - . # (8%7, # 67, ' 9' 86, ' % # G. - 6H% 7(# 6# - . ' 7# 9- ' <07.) #) # 8%7, ' # - . # - ' 70# . 9, ' % # 6(S. 0# 67.) , (# % # ' 0.) , ' +1# 677. 7(# % # - . ' 7# 9- ' <07.) Q# / , / 7. # 67, ' 9' 86, ' % # R - .) # % 7& 648<1#7. (/ & . (' # - . #) 64 (. 9, ' % # 6# - . # / 7H 1# 6(S. 0# 67.) , (# % 0' (9% / . # - . # % / , 9% & . (# - . 1# . <0# & % / , # 8%7, 6) , # 7% 7# % # , - . # \$ B C E F I @ 86) 0. & ' 9# 6) 0# % # 8. 9/ < . # 9 # - . # % / , 9% & . (# - . 1# R % / <0# 6< . # & % / , # R - .) # % 7& 64 8<1#7. (/ & . (' # 6, 6# R. 7. # 9% < 9, . 0# 9 <) . # G. , R. .) # 7/) . # # 6) 0# 7/) . # 6: Q 242" #

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1- ' (# 7. 8%7, # . 7H (# 6(# 67, ') * # 8%) , # 9# 0' (9% / 7. # 9 # - . # , 6, . # 6# % / , - # 8%7, (#) # - . # M) , . 0# A, 6, . (# 0/ 7) * \$ B C E F I @ 7. < . 0# 7. (, 79, ' % (' # - . # 7. (/ < (# 7. (.) . 0# . 7. ') # R' < # G. # (. 0# % # / ' 0. # ; (8.) Q# A8%7, (P#A%0' . , 1#57%*76& & ') * Q) 9<0') * # - . # 0. H 9&8. .) , # 6# # # 65<6, % 7& # % # 9, ' % b# % 7# , 6S. - % 0. 7(# % # G. # 7. < 6(. 0#) # - . # 6<# 00' , ' % 64# 64(. (# R' < # G. # 9% 0/ 9, . 0# 61# E 7(' # % 7(9- # 6) 0# K<6% # 6, # - . # 0' (97. ' % # 6# - . # A8%7, (P#A%0' . , 1#57%*76& ' # 6) / (978, # 9 / , <) ') * # , - ' (# , / 01Q#) 0') * (# (# 6< % # G. ') * # 7. 867. 0# % 7# / G& ' (' % # % # 6. . 7F7. H. R. 0# % / 7) 6<#

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1- 6) S# % / # % # & . & G. 7(# 6# # % 7# & 6S') * # - ' (# 7. (. 679- # 8% (' G< ' #

2.1 Parent demographics

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Y # d # = ' c 4 \ ' # % / * - < # 6 < # - . # 6 & 8 < # R 6 (# 5 . , R . .) # 3 # 5) 0 # > # . 6 7 (# % 0 ' # #

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B # - . # 4 : 2 > # 8 6 7 .) , (# 4 - . 7 . # R . 7 . # L 4 2 # . & 6 < (# 5) 0 # 2 c @ # 6 < (' # % / # 8 6 7 , ' 9 ' 8 6) , (#
' 0 .) , ' + . 0 # 5 (# % FG ') 6 7 1 ' #

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I - % / * - # 8 7 . 0 % & ') 6) , < # R - ' , . # M L : ' c f \ # 4 - . # 0 ' (, 7 G / , ' % # % # 8 6 7 .) , # 7 6 9 . (# 5 < *) (# R ' , - #
) 6 , ' % 6 4 5 H 7 6 * . (# M M A \$.) (/ (# / 7 . 6 / # 4 2 ! = \ ' #

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l - %/*- #9&') *#87& 674#7%& #8 677. 0#7. 6, '% (- '8(#. Lf \#867.), (#7. 87. (.), . 0#6#
76) *. #/%#7. 6, '% (- '8# , 6, / (. (' #

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; #8< 76<, 1#3=">f \#%#867.), (# 60#6, , 6') . 0#6#%/ 7f1. 67#0. *7. . #%/7# '*- . 7#
R - . 7. 6(#! "cf #%#867.), (#7. 8%/ , . 0# 6H) *#6, , 6') . 0# ((#- 6) #6#%/ 7f1. 67#9%< *. #0. *7. . ' #

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l ; Xg# BT ghT %(, #867.), (#. 2"3f \#R . 7. #) #/ <f, '& . #8%(, '% (#6/ , #867, '9'86), (#7. 87. (.), . 0#6#
76) *. #/%# & 8%1& .), # , 6, / (. ('B #) % . # 'Lf #7. 8%/ , . 0#6. ') *#%/ , #/%#R %5#0/ . #/%\$BCIEF! @#
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2.2 Athlete demographics

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567,'9'86,') *#867.),(#5) (R. 7. 0# / . (, '% (#7. <6,. 0#%#- . '7#%0. (, #0- '0# #d# #: 2>\#
R - %R 6(#5) #69, 'H #867, '9'86) , #) #L%/, - #8%7, #87%#%# \$BCDE F! @7. <6,. 0#7. (, 79, '% ('H - . (. #
6, - < , . (#76) *. 0#) #5*. #7%& # # % # = #L. 67(# # #d# 4'44#L. 67(\ 'H - . #6&8< #R 6(#8<, #7. <6, 'H <1#
. H) <1#&% % *#L%/, - # # % # 2#L. 67(#) #5*. Q ! # % # > #L. 67(#) #5*. Q5) 0# 3# % # = #L. 67(#) #5*. 'H#

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l - . # #: 2>#5, - < , . (#Q) #R - %& #867.), (#7. 8%7, . 0#R . 7. # 3c! #&6< (#5) 0# ! > ! #. &6< ('H
Z/ (, #Q . #867, '9'86) , #R 6(#0.), '4. 0#G1#867.), #5(# %Q FG') 671'H

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- . (. #6 , . * % 7 . (# R . 7 . # (. 0 #) # % < R F / 8 # 9 % & 8 6 7 (%) (' # # 8 < 7 6 < , 1 # > ! " @ \ # % # #
+ 6 & ' < . (# 7 . (' 0 . 0 #) # - . # A % / , - . 6 (, # M) ' , . 0 # A , 6 , . (' # - . # % / 7 # % , - . 7 # 7 . * ' % (# R . 7 . # 9 % & 8 7 (. 0 # % #
G , R . .) # 4 " ! f # 6) 0 # @ = f # % # - . # , / 0 1 # 8 % 8 / < 6 , ' % @ 7 . (8 . 9 , ' H < 1 ' #

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J 6 & ' < . (# R - % (. # 6 7 .) , (# 6 7 , ' 9 ' 8 6 , . 0 #) # - . # / 7 H 1 # 7 . 8 7 . (.) , . 0 # 8 7 & 6 7 < 1 # / G / 7 G 6) #
Y 3 > " = f \ # 6) 0 # 7 G 6) # > = " ! f \ # % / (. - % 0 (' #
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I - . # : 2 > # 6 7 .) , # 7 . (8 % 0 .) , (# 7 . 8 % 7 . 0 # 7 % ((# 6)) / 6 #) 9 % & . (# 7 6) * ') * # 7 % & # 2 # % #
i c Q 2 2 Q 2 2 # # ! 2 3 Q c L " 4 2 \ ' # B # # % . @ - . # & . 0 ' 6) #) 9 % & . # % # % / (. - % 0 (#) # - . # 6 & 8 < # R 6 (#
i : L Q 2 2 Q R - ' 9 - # 6 < *) (# R ' , - # - . # 6 , ' % 6 < 5 H 7 6 * . # % # : > Q c @ # M A \$.) (/ (# K / 7 . 6 / Q 1 2 ! = \ ' #
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- . (. #6 , . * % 7 . (# R . 7 . # / (. 0 #) # % < R F / 8 # 9 % & 8 6 7 (%) (' # - . # 6 & 8 < # R 6 (# 8 < , #
 7 . < , ' H < 1 # H) < 1 # 6 & % * # 6 & ' < . (# 6 7) ') * # 2 # % # 3 @ @ @ @ L 2 Q 2 2 # % # @ @ @ @ 5) 0 # ! 2 2 Q 2 2 # % #
 & % 7 . # 5)) / 6 < 1 ' # #

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567.) , (# 7 . 8 % 7 , . 0 # 6 H ') * # 7 % & # # % # 2 # 9 - ' < 0 7 .) # H) * #) # - . # % / (. - % 0 # # # 1 # ' 2 : \ ' #

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[illegible]

567.), (#. 8%/ . 0#- 6, #- . #& %, (#%& & % <1#67, '9'86, . 0#) #1%/, - #8%/ , (#. 7. #
G6(S. , G6<# c'2f #%- . #6& 8< \G6(. G6<# 4". f \G6) 0#%09. 7# 4'3f \"#

	COVID-19					COVID-19				
	Pickup/Free play	Virtual Training	Focused Practice or Drills	Games or Competition	Total (SD)	Pickup/Free play	Virtual Training	Focused Practice or Drills	Games or Competition	Total (SD)
Baseball	3.72	1.51	4.61	4.48	14.35 (12.0)	2.55	1.51	1.66	1.33	7.03 (9.73)
Basketball	4.36	1.88	4.52	3.99	14.75 (12.94)	2.75	2.08	1.97	1.35	8.13 (10.82)
Bicycling	2.65	2.38	2.60	2.84	10.58 (8.32)	1.74	2.76	1.74	2.28	8.62 (9.05)
Cross country	1.88	0.82	4.82	1.68	9.20 (4.96)	1.56	0.44	1.65	0.41	4.06 (6.58)
Field hockey	2.17	1.50	1.67	4.33	9.67 (6.59)	1.00	1.00	0.67	3.00	5.67 (6.62)
Flag football	3.67	2.48	3.68	4.33	14.16 (13.42)	2.70	2.70	2.27	2.02	9.70 (10.66)
Tackle football	4.70	1.91	7.03	4.58	18.22 (14.61)	3.05	1.98	2.63	1.56	9.22 (11.93)
Golf	3.65	2.26	3.06	3.26	12.24 (10.86)	2.85	2.06	2.09	1.74	8.74 (10.15)
Gymnastics	3.31	0.99	4.12	2.72	11.19 (10.46)	2.50	1.57	1.25	0.92	6.26 (8.69)
Ice hockey	4.48	1.05	4.48	4.17	14.17 (10.35)	2.43	1.43	1.24	1.05	6.14 (9.78)
Lacrosse	1.92	0.46	4.69	2.38	10.08 (7.40)	1.15	0.62	0.69	0.38	2.85 (5.40)
Martial arts	3.33	0.99	3.86	2.29	10.47 (13.62)	2.49	1.46	1.57	1.03	6.52 (11.15)
Skateboarding	5.76	2.29	2.76	1.71	12.53 (8.06)	3.18	2.35	2.18	1.71	9.41 (8.65)
Skiing/Snowboarding	1.67	1.33	4.67	1.67	9.33 (4.93)	2.00	2.00	0.67	0.00	4.67 (.58)
Soccer	3.11	1.08	3.80	3.19	11.19 (10.67)	2.11	1.34	1.67	0.95	6.08 (10.93)
Softball	3.58	1.11	5.50	4.20	14.46 (11.27)	2.66	1.47	1.92	0.73	6.78 (10.91)
Swimming	3.13	2.15	4.47	3.59	13.34 (13.86)	2.26	2.68	2.14	2.11	9.19 (15.69)
Tennis	2.67	1.35	3.80	2.55	10.37 (8.13)	2.20	1.68	2.13	1.39	7.40 (9.28)
Track & field	2.25	1.12	5.20	3.21	11.76 (8.15)	1.27	1.21	2.03	0.43	4.94 (6.09)
Volleyball	3.26	1.07	5.13	3.79	13.25 (15.08)	2.54	1.62	1.79	1.17	7.12 (14.83)
Wrestling	3.32	1.21	6.79	5.50	16.82 (15.82)	3.68	2.36	2.89	1.75	10.70 (17.80)
Other sports	2.97	0.27	4.82	2.59	10.59 (9.27)	1.91	0.78	0.90	0.38	3.98 (5.92)
ALL	3.61	1.47	4.59	3.67	13.35	2.46	1.71	1.82	1.22	7.12

	<i>Pickup/Free play</i>	<i>Virtual Training</i>	<i>Focused Practice or Drills</i>	<i>Games or Competition</i>	<i>Total</i>
COVID-19	3.61	1.47	4.59	3.67	13.55
COVID-19	2.46	1.71	1.82	1.22	7.12
Change (hours)	-1.15	+0.24	-2.77	-2.45	-6.43
Change (%)	-31.9%	+16.3%	-60.3%	-66.8%	-47.5%

	<i>Registration</i>	<i>Equipment</i>	<i>Travel</i>	<i>Lessons</i>	<i>Camps</i>	<i>Other</i>	<i>M</i>	<i>SD</i>	<i>Range</i>
Baseball	\$273.97	\$193.60	\$215.08	\$176.83	\$123.65	\$17.40	\$1,001.03	\$2,205.19	\$0-\$27,000
Basketball	\$115.30	\$157.27	\$207.02	\$124.17	\$147.49	\$14.35	\$764.95	\$1,755.72	\$0-\$20,100
Bicycling	\$99.15	\$221.79	\$209.94	\$107.81	\$84.09	\$24.34	\$747.11	\$1,431.08	\$0-\$8,300
Cross country	\$120.06	\$91.47	\$50.97	\$20.26	\$47.53	\$8.68	\$338.97	\$619.39	\$0-\$3,300
Field hockey	\$39.33	\$42.17	\$27.00	\$16.50	\$22.33	\$85.00	\$232.33	\$204.79	\$35-\$500
Flag football	\$163.38	\$278.79	\$349.56	\$369.44	\$158.89	\$82.32	\$1,402.38	\$7,118.98	\$0-\$64,000
Tackle football	\$127.53	\$151.59	\$190.43	\$71.28	\$131.92	\$36.65	\$711.85	\$1,015.23	\$0-\$5,750
Golf	\$80.79	\$98.35	\$250.21	\$234.32	\$71.12	\$93.85	\$828.65	\$1,895.91	\$0-\$9,485
Gymnastics	\$142.28	\$167.32	\$259.37	\$467.96	\$100.77	\$39.04	\$1,182.92	\$2,658.93	\$0-\$25,200
Ice hockey	\$512.86	\$362.86	\$669.52	\$489.52	\$550.00	\$0.00	\$2,584.76	\$2,299.23	\$250-\$8,000
Lacrosse	\$168.85	\$184.23	\$2.31	\$31.54	\$8.46	\$46.92	\$442.31	\$522.88	\$0-\$1,900
Martial arts	\$88.32	\$99.42	\$129.83	\$815.73	\$116.03	\$17.80	\$1,270.78	\$2,157.35	\$0-\$15,400
Skateboarding	\$74.88	\$148.06	\$119.76	\$158.82	\$111.53	\$0.12	\$613.18	\$846.41	\$0-\$3,450
Skiing/Snowboarding	\$1,283.33	\$413.33	\$4,600.00	\$216.67	\$1,033.33	\$0.00	\$7,546.67	\$5,770.14	\$1,800-\$13,340
Soccer	\$156.10	\$140.62	\$159.78	\$252.10	\$98.13	\$18.14	\$827.66	\$2,050.70	\$0-\$23,025
Softball	\$171.25	\$156.06	\$214.29	\$158.16	\$91.64	\$49.47	\$842.45	\$1,346.42	\$0-\$8,500
Swimming	\$118.69	\$97.77	\$141.35	\$252.35	\$116.79	\$36.56	\$754.40	\$1,383.64	\$0-\$7,200
Tennis	\$161.87	\$177.53	\$275.06	\$429.04	\$159.34	\$76.93	\$1,325.84	\$1,801.90	\$0-\$7,300
Track & field	\$90.76	\$146.88	\$151.71	\$78.26	\$70.49	\$7.30	\$549.37	\$784.57	\$0-\$3,950
Volleyball	\$319.77	\$142.80	\$320.45	\$268.47	\$160.42	\$17.95	\$1,225.36	\$2,924.93	\$0-\$24,000
Wrestling	\$79.11	\$81.43	\$73.93	\$41.61	\$51.07	\$2.14	\$329.29	\$293.52	\$0-\$980
Other sports	\$238.44	\$217.47	\$418.74	\$445.00	\$87.06	\$94.78	\$1,525.28	\$2,491.35	\$0-\$14,000
ALL	\$165.95	\$161.86	\$218.22	\$237.54	\$122.84	\$28.02	\$927.70	\$2308.33	\$0-\$64,000

[illegible]18

A A
A

3.3 Sport and physical activity outcomes

Please rate the importance of the following outcomes for your child in _____ BEFORE COVID-19-related restrictions.

[illegible]

789::

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$$\langle \psi | \hat{H} | \psi \rangle = \langle \psi | \hat{H}_0 | \psi \rangle + \langle \psi | \hat{V} | \psi \rangle$$

	Strongly Disagree 1	Disagree 2	Neither Agree nor Disagree 3	Agree 4	Strongly Agree 5

TAKE HOME: ! " # \$ % & (# \$) * # & + (" (# \$, " & \$, / (0 - 1 0 (+ \$ ' - # \$ (2 * # " , , (') * # & * 3 8 4 * 5 \$ ' () # * # (& (6 7 8 9 ; < = (# \$ ' & # 4 & * % > ! " # \$ % & & ? + \$ ' - # \$ (2 * # (4 * 5) \$ & & * % @ (A (B > C D E F " " (% * & ' G , / (, * F \$ # (8 0 " % / * 8 0 \$ # (* 3 8 4 * 5 \$ ' > ((

SURVEY ITEM:

!	Fun	Peer relationships	Social skills	Sport skills	Physical health	Mental health	Competition
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E%4@52%6!!	()91!	()-(!	() , 0!	()-(!	()(.!	()(.!	+) . 9!
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H2478!H7<J &#; ? 478!!	*)//!	+)91!	*)//!	()91!	()91!	*)//!	()//!
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H<A&#'"!!	()+9!	() , 1!	()- 1!	+)0(!	()(+!	()*,!	+)*/!
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	<i>Strongly Disagree 1</i>	<i>Disagree 2</i>	<i>Neither Agree nor Disagree 3</i>	<i>Agree 4</i>	<i>Strongly Agree 5</i>

!

"#\$%&' (%)!

* + , - % . ! / " % ()

	<i>n</i>	<i>% of sample</i>

"#\$%&' (%)

!

* + , - % . ! / " % ()

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	<i>n</i>	<i>% of sample</i>

" # \$ % ! & ' (%)

* + , - % . ! / " % ()

	<i>n</i>	<i>% of sample</i>

" # \$ % ! & ' (%)

* + , - % . ! / " % ()

	<i>n</i>	<i>% of sample</i>

<i>Mean</i>	<i>SD</i>	<i>Range</i>

"#\$%!&' (%)

*+ , -% . !/"% ()

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	<i>n</i>	% of sample

"#\$%!&' (%)

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*+ , -% . !/"% ()

	<i>M</i>	<i>SD</i>

NOTE:

extremely uncomfortable

extremely comfortable

	<i>Extremely Uncomfortable</i> 1	<i>Uncomfortable</i> 2	<i>Neither Uncomfortable nor Comfortable</i> 3	<i>Comfortable</i> 4	<i>Extremely Comfortable</i> 5

"#\$%!&' (%)

* + , - % . ! / " % ()

	<i>M</i>	<i>SD</i>

"#\$%!&' (%)

* + , - % . ! / " % ()

	<i>n</i>	% of sample

"#\$%!&' (%)

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* + , - % . ! / " % ()

	<i>n</i>	<i>% of sample</i>

" # \$ % ! & ' (%)

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	!!	!!	!!		!!	!!	!!	!!	!!	!!	!!	!!	!!	

NOTE: * $p < .05$; ** $p < .01$

Age	-									
Degree	.18**	-								
Annual income	.01	.16**	-							
Number of children in household	-.17**	-.09**	-.03	-						
Team registrations	.07**	.05**	.05*	-.02	-					
Equipment and uniforms	.04*	.06**	.11**	-.01	.27**	-				
Travel and lodging	.03	.08**	.08**	0	.31**	.47**	-			
Lessons and instruction	.03	.08**	.07**	-.02	.15**	.39**	.32**	-		
Camps or athlete schools	.04*	.11**	.10**	-.02	.25**	.37**	.39**	.30**	-	
Total Spent	.06**	.11**	.12**	-.01	.53**	.69**	.77**	.73**	.59**	-

NOTE: * $p < .05$; ** $p < .01$

Age	-								
Degree	.18**	-							
Annual income	.01	.16**	-						
Number of children in household	-.17**	-.09**	-.03	-					
Afraid of child getting sick	.02	.08**	.01	-.08**	-				
Afraid of getting sick (self)	.01	.05*	.02	-.05*	.78**	-			
Scheduling difficulty	-.02	.15**	.06**	-.06**	.45**	.44**	-		
Not interested in sports	.01	.04	.06**	-.08**	.21**	.223*	.48**	-	
Transportation difficulty	-.03	.14**	.07**	-.06**	.33**	.33**	.64**	.58**	-

* $p < .05$; ** $p < .01$

5

GROUP DIFFERENCES

5.1 Differences by US Region

! " # \$ % & ' () * + , - . / : ; < = > ? @ [\] ^ _ ` { | } ~ ¡ ¢ £ ¤ ¥ ¦ § ¨ © ª « ¬ ® ¯ ° ± ² ³ ´ µ ¶ · ¸ ¹ º » ¼ ½ ¾ ¿ À Á Â Ã Ä Å Æ Ç È É Ê Ë Ì Í Î Ï Ñ Ò Ó Ô Õ Ö × Ø Ù Ú Û Ü Ý Þ ß à á â ã ä å æ ç è é ê ë ì í î ï ð ñ ò ó ô õ ö ÷ ø ù ú û ü ý þ ÿ

	BEFORE					DURING				

	Registration	Equipment	Travel	Lessons	Camps	Other	TOTAL
Northeast	\$182.74 ^a	\$168.61 ^a	\$174.61 ^a	\$175.13 ^a	\$141.71 ^a	\$22.20 ^a	\$865.00 ^a
Southeast	\$140.95 ^b	\$165.97 ^a	\$237.80 ^b	\$259.99 ^b	\$143.46 ^a	\$37.89 ^b	\$986.06 ^b
Midwest	\$122.07 ^c	\$126.46 ^b	\$190.67 ^c	\$194.32 ^c	\$82.32 ^b	\$23.74 ^a	\$739.58 ^c
Southwest	\$179.32 ^a	\$151.92 ^c	\$193.73 ^c	\$213.12 ^d	\$94.84 ^b	\$15.75 ^c	\$848.68 ^a
West	\$234.11 ^d	\$194.05 ^d	\$277.39 ^d	\$279.91 ^e	\$130.15 ^c	\$29.56 ^d	\$1,145.17 ^d

Significant differences across regions are denoted by different superscripts. Cells with matching superscripts are not significantly different from one another.

Northeast	2.96 ^a
Southeast	2.78 ^b
Midwest	2.74 ^{bc}
Southwest	2.64 ^d
West	2.69 ^{cd}

Data were collected on a scale ranging from 1 () to 5 (). Significant differences across regions are denoted by different superscripts. Cells with matching superscripts are not significantly different from one another.

Northeast	12.1%	19.1%	39.3%	20.1%	9.4%
	31.2%			29.5%	
Southeast	15.3%	19.3%	44.7%	14.0%	6.7%
	34.6%			20.7%	
Midwest	13.8%	20.0%	48.9%	12.6%	4.7%
	33.8%			17.3%	
Southwest	17.8%	21.6%	44.1%	11.7%	4.8%
	39.4%			16.5%	
West	18.0%	18.0%	45.9%	13.0%	5.1%
	36.0%			18.1%	

Northeast	38.8% ^a	31.4% ^a	16.4% ^a	2.9% ^a	10.5% ^a
Southeast	39.7% ^a	29.4% ^a	11.7% ^b	4.0% ^a	15.3% ^b
Midwest	42.7% ^a	26.2% ^a	10.9% ^b	3.5% ^a	16.7% ^b
Southwest	39.0% ^a	28.3% ^a	14.9% ^a	3.2% ^a	14.6% ^b
West	41.5% ^a	29.2% ^a	10.5% ^b	2.9% ^a	15.8% ^b

Northeast	3.68 ^a	3.36 ^a	2.87 ^a	2.24 ^a	2.57 ^a
Southeast	3.59 ^a	3.39 ^a	2.62 ^b	2.08 ^b	2.27 ^{bcd}
Midwest	3.36 ^c	3.13 ^b	2.43 ^c	2.05 ^b	2.17 ^c
Southwest	3.54 ^{abc}	3.41 ^a	2.76 ^{ab}	2.18 ^a	2.36 ^d
West	3.47 ^{bc}	3.19 ^b	2.63 ^b	2.09 ^b	2.23 ^{bcd}
ALL	3.53	3.30	2.65	2.12	2.31

Significant differences across regions are denoted by different superscripts. Regions with matching superscripts are not significantly different from one another.



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How many hours a week did your child engage in the following before (and during) COVID-19 restrictions?

	BEFORE COVID-19					DURING COVID-19				
	Pickup/Free play	Virtual Training	Focused Practice or Drills	Games or Competition	M (SD)	Pickup/Free play	Virtual Training	Focused Practice or Drills	Games or Competition	M (SD)
" # \$ % !	' () * ^a !	+ (, ' ^a	, (, - ^a	' () . ^a !	!+ ' (/ , ^a !0+ +(123	/ () . ^a !	+ () * ^a	+ (- , ^a	+ (/ 1 ^a !	!- (' . ^a !0+ 2(. + 3!
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A % # & B !	, (+) ^c !	+ (* 2 ^b !	. (* + ^c !	, (2 * ^c !	+) (2. ^d !0+ , () 23!	' (2 / ^{ac} !	+ (- * ^a !	+ (, - ^a !	2 (1. ^b !	- (+ ' ^a !0+ + () , 3!
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NOTES: !C<B!#&16DB<5&1<E!#85&1787F585Q!#&197%&1KBF!!A!#&B!9<>76585167B!0!\$678%K#<!1.88%\$8L!75!!@M&B\$78!N&L\$78!<B!@75?78!07%P&1Q!07%P&147K7\$78!
 <B!Q79\$9!N\$78L&B!Q!R!D%\$79\$7!Q!O&B&B8<%%!57F!J!G<B!A!#&B!0!S!+ ' . T! (/ U 3!V!+ B \$ 9 7 8 % L \$ 8 B 8 9 8 5 W F!B79&17B&L&8<%&L!W!F!L\$8B8%5D6&B59B5%5(X&>5!
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SURVE	ITEM
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TAKE HOME Black families reported allocating less money to their children’s annual sport participation than all other racial subgroups. This was impacted by significantly lower annual expenditures related to registration, equipment, travel, and lessons.

SURVE ITEM	
------------	--

	<i>Substantially Less 1</i>	<i>A Little Less 2</i>	<i>About the Same 3</i>	<i>A Little More 4</i>	<i>Substantially More 5</i>

TAKE HOME White parents reported being more likely to spend money on their children's youth sports when COVID-19 restrictions are lifted.

SURVE ITEM

TAKE HOME Few differences emerged across race on parents' plans for their children's resumption of youth sport. However, parents from Hispanic, Black, and Asian families were more likely than others to suggest that their children would return at a lower level than before, and parents from Hispanic and Asian families were less likely than others to suggest that their children would return at a higher level than before.

SURVE ITEM

TAKE HOME Statistically significant differences existed in parent reports of barriers to the resumption of play across race. Of note: Black and Asian parents were most fearful of child and parent illness.

	BEFORE					DURING				
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BOTH										

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!

SURVEY ITEM:

	a	a	a	a	a	a	a
	b	b	b	b	b	b	b

TAKE HOME:

SURVEY ITEM:

TAKE HOME:

SURVEY ITEM:

	a	a	a	a	a
	a	a	a	a	a

TAKE HOME:

SURVEY ITEM:

	a	a	a	a	a
	a	a	a	a	a

TAKE HOME:

	a	a	a	a	a	a	a	a	a	a
	a	a	a	a	b	a	a	a	a	a
	a	b	a	a	c	b	b	b	b	b
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	Registration	Equipment	Travel	Lessons	Camps	Other	TOTAL
	a	a	a	a	a	a	a
	b	b	b	b	b	a	b
	c	c	c	c	c	b	c

		#
	a	#
	a	#
	b	#
		#

	a	a	a	a	a
	b	a	a	a	b
	b	a	b	a	c

	ab	a	a	a	a
	b	b	a	b	b
	a	ab	b	a	c

#

	a	a	a	a	a	a	a	a	a	a
	a	b	b	b	b	a	a	b	b	a
	a	b	c	c	c	b	a	b	a	a

SURVEY ITEM:

	Registration	Equipment	Travel	Lessons	Camps	Other	TOTAL

TAKE HOME:

SURVEY ITEM:

TAKE HOME:

SURVEY ITEM:

TAKE HOME:

SURVEY ITEM:

TAKE HOME:

5.7 Differences by Primary Sport

	<i>n</i>	<i>% of sample</i>

How many hours a week did your child engage in the following before (and during) COVID-19 restrictions?

	<i>! "\$ % " COVID-19</i>					<i>& ' % () * COVID-19</i>				
	<i>Pickup/Free play</i>	<i>Virtual Training</i>	<i>Focused Practice or Drills</i>	<i>Games or Competition</i>	<i>M (SD)</i>	<i>Pickup/Free play</i>	<i>Virtual Training</i>	<i>Focused Practice or Drills</i>	<i>Games or Competition</i>	<i>M (SD)</i>
	a	ab	a	a	c	ab	a	a	ab	ab
	b	a	a	a	c	a	b	a	a	bc
	b	a	b	a	a	a	ab	b	a	c
	c	b	c	b	b	b	a	a	b	a

NOTES:

!"#\$%&'()* \$'#+, -.\$) ("*/%\$00, \$"1#02(03+0*+, -45("2/%*+, '5%1+-'1\$ -'(4(1\$'(+0\$4-+%%"1+-'7%1-(-+%'89:;<=>?=-#" \$'24\$04#" \$'(+0%

NOTES:

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NOTES:

substantially less

substantially more

F 5\$ 'lC('""l*+, l2+lC5#0l4, --#0'l-#%'-(4'(+0%l2, #l'+l89 :;<=>?l\$-#l-#) +G#2H

	<i>Resume at SAME level</i>	<i>Resume at LOWER level</i>	<i>Resume at HIGHER level</i>	<i>Not participate</i>	<i>Haven't Decided</i>

!"#\$%&'(02(4\$ '#l*+, -l"#G#""l+.l\$ 3-##) #0'lC('5l'5#l.+""+C(03ll'\$ '#) #0'%l\$ l+, 'l
1+ '#0'(\$ "l/\$ --(#-%l'+l*+, -l45('2l-#%,) (03ll%1+-'%"C5#0l4, --#0'l-#%'-(4'(+0%l2, #l'+l89 :;<=>?l\$-#l-#) +G#2ll

	<i>Fear of illness - Child</i>	<i>Fear of illness - Parent</i>	<i>Schedule conflicts</i>	<i>Child not interested</i>	<i>Transport difficulty</i>

NOTES:

5.8 Differences by State

!

!		
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	BEFORE					DURING				
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0%)&\$!!	3-, /	2-/2	; -;	3-, 3	!2; -9; !B2-: : C	+ -: ,	+++	2-/ +	2-; D	!, -9: !B/-; +C
4 56 !7()8!	3-"3	+3/	; -9,	3-, D	23-/9!B2+-D/C	+-"9	+ -: 9	+ -: D	++3	29+2!B23-, DC
<5=\$>!	3-D,	2-; +	; -":	3-; 3	23-9: !B2+-23C	++"	2-: 3	+2:	2-32	: -3D!B/-, 2C

!E&* && \$*H1&'5)5*G>!! J !H5!L (>H! M%N>+>\$H>!)\$5!15*(H51!! J !1&'5)5*H>NM5)>G &M+!#5%#6 &K!L \$HG<&F!>NM5)>G &M+!)\$5!*(H>&* && \$*H%!
 1&'5)5*H')(L !(*5!\$(HK5)-!
 !

	a	a	ab	a	ab	a	ab
	ab	a	a	a	a	a	a
	b	a	b	b	ab	a	b
	ab	a	ab	b	b	a	b

!
" # \$ % & '

	5!

" # \$ % & '

() * (+ , - + . , // 0 ! 1 ((() * (+ , - + . , // 0 ! 2 3 4 1

	61() 21!,+! &7 5 %!/181!/	61() 21!,+! 9# : %6!/181!/	61() 21!,+! ; <= ; %6!/181!/	" 3+!! > , 4+.?.> , +1!	; , 81-@+!! A1?.B1B!

	C1 , 4!3D!./-1(! E!FG./B!	C1 , 4!3D!./-1(!E! H , 41 -+!	&?G1B)/1! ?3 -D!.?+(!	FG./B!-3+! . -+141(+1B!	\$4 , -(>34+! B.DD.?)/+0!
	a	a	a	a	b
	ab	ab	ab	a	b
	b	ab	b	a	a
	ab	b	ab	a	b

!
!
!
!

"#\$%&'