

Article title: Total Energy Expenditure, Energy Intake and Body Composition in Endurance Athletes across the Training Season: A Systematic Review.

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Journal name: Sports Medicine

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Online Resource 4 – List of excluded references and reason for exclusion.

Reference	Seasonal phase NR	Inappropriate method	Age limit or NR	Multiple publications	No sex differentiation or NR	Case study	Data extraction not possible*	No habitual DI	No endurance athletes differentiation	EI, TEE during race
Almeras et al. 1997 [1]			x							
Andreoli et al. 2012 [2]			x							
Arciero et al. 1998 [3]					x					
Avlonitou et al. 1997 [4]	x									
Azevedo et al. 2007 [5]	x									
Baer 1993 [6]	x									
Baer & Taper 1992 [7]	x									
Baer et al. 1992 [8]	x									
Balaban et al. 1995 [9]			x							
Bale et al. 1996 [10]	x									
Ballor & Poehlman 1992 [11]	x									
Barr 1991 [12]	x									
Barrack et al. 2008 [13]				x						
Barrack et al. 2008 [14]			x							
Barrack et al. 2010 [15]			x							
Barrack et al. 2011 [16]	x									
Beidleman et al. 1995 [17]	x									
Beis et al. 2011 [18]					x					
Benson et al. 1990 [19]	x									
Black et al. 2012 [20]					x					

Brahm et al. 1997 [21]	x			
Brisswalter et al. 2011 [22]	x			
Brown & Cox 1998 [23]	x			
Brown et al. 2000 [24]				x
Brown et al. 2009 [25]	x			
Bunt et al. 1990 [26]	x			
Buresh et al. 2005 [27]	x			
Burke et al. 2003 [28]				x
Burrows et al. 2003 [29]	x			
Burtscher et al. 2010 [30]				x
Campos et al. 2012 [31]				x
Cardoso et al. 1994 [32]	x			
Carey 1992 [33]	x			
Carlsohn et al. 2011 [34]	x			
Casa et al. 2000 [35]	x			
Chia et al. 2013 [36]			x	
Christensen et al. 2002 [37]	x			
Claessens et al. 2000 [38]	x			
Cobb et al. 2003 [39]	x			
Constantini & Warren 1995 [40]		x		
Courteix et al. 1998 [41]			x	
Cox et al. 2010 [42]				x
da Costa et al. 2013 [43]	x			
Davy et al. 1996 [44]	x		x	
Deminice et al. 2010 [45]	x			x
de Sousa et al. 2008 [46]	x			
Deutz et al. 2000 [47]	x			
Dias Quiterio et al. 2011 [48]	x			
Dumke et al. 2009 [49]	x			
Edwards et al. 1993 [50]	x			
Eisinger et al. 1994 [51]				x
Elias et al. 1991 [52]	x			
Estok & Rudy 1994 [53]				
Ferguson et al. 2009 [54]				x

Fiore et al. 1996 [55]	x			
FitzGerald & Carpenter 2010 [56]	x			
Fogelholm et al. 2000 [57]	x			
Frentsos & Baer 1997 [58]		x	x	
Frisch et al. 1993 [59]				x
Gainé et al. 2007 [60]	x			
Gilbert et al. 1991 [61]	x			
Goedecke et al. 2000 [62]	x			
Gordon et al. 1996 [63]	x			
Greene et al. 2006 [64]	x			
Gremion et al. 2001 [65]	x			
Grund et al. 2001 [66]	x			
Guest & Barr 2005 [67]	x			
Hackett et al. 2013 [68]	x			
Hawley et al. 1997 [69]	x			
Hawley & Williams 1991 [70]	x			
Heinrich et al. 1990 [71]	x			
Hetland et al. 1993 [72]	x			
Hetland et al. 1995 [73]	x			
Herring et al. 1992 [74]	x			
Hind et al. 2011 [75]	x			
Hiscock & Mackinnon 1998 [76]				x
Hoffman et al. 2010 [77]		x		
Hogstrom et al. 2012 [78]	x			
Hong et al. 2012 [79]	x			
Horton et al. 1994 [80]	x			x
Horvath et al. 2000 [81]	x			
Houltham & Rowlands 2014 [82]	x			
Hunter et al. 2011 [83]	x			
Hutchinson et al. 1991 [84]	x			
Jarvis et al. 2002 [85]	x			
Julian-Almarcegui et al. 2013 [86]	x			
Jurimae et al. 2007 [87]	x			
Jurimae & Jurimae 2001 [88]	x			

Jurimae & Jurimae 2004 [89]		x		
Jurimae et al. 2009 [90]	x			
Jurimae et al. 2010 [91]	x			
Jurimae et al. 2009 [92]			x	
Jurimae et al. 2011 [93]	x			
Karstoft et al. 2013 [94]				x
Kimber et al. 2002 [95]				x
Klausen et al. 1993 [96]		x		
Knez & Peake 2010 [97]	x			
Koehler et al. 2010 [98]	x			
Koehler et al. 2011 [99]	x			
Kohrt et al. 1992 [100]	x			
Koury et al. 2004 [101]	x			
Koutedakis et al. 1994 [102]	x			
Kruseman et al. 2005 [103]			x	x
Laforgia et al. 1997 [104]	x			
Lampe et al. 1991 [105]	x			
Leake & Carter 1991 [106]				x
Lebenstedt et al. 1999 [107]	x			
Leddy et al. 1997 [108]	x			
Lopez et al. 2000 [109]	x			
Lucas et al. 2003 [110]	x			
Luetkemeier & Thomas 1994 [111]	x			
Lukaski et al. 1990 [112]		x		
Lukaski et al. 1996 [113]		x		
Machefer et al. 2007 [114]		x		
Maestu et al. 2000 [115]	x			
Maestu et al. 2003 [116]				x
Maimoun et al. 2013 [117]	x			
Maimoun et al. 2013 [118]	x			
Martinez et al. 2011 [119]		x		
Mauriege et al. 1997 [120]	x			
McClanahan et al. 2002 [121]				x
Mendes et al. 2004 [122]			x	

Mieras et al. 2014 [123]	x		
Mitsuzono et al. 1995 [124]	x		
Mooses et al. 2013 [125]	x		
Morris et al. 1999 [126]	x		
Mueller et al. 2013 [127]		x	
Mulligan & Butterfield 1990 [128]	x		
Myerson et al. 1991 [129]	x		
Nichols et al. 2010 [130]	x		
Nieman et al. 2005 [131]	x		
Nieman et al 2012 [132]	x		
Nieves et al. 2010 [133]	x		
Nogueira & Da Costa 2004 [134]	x		
Nutter 1991 [135]	x		
Nuviala et al. 1999 [136]	x		
Nygren-Bonnier et al. 2007 [137]	x		
Ogawa et al. 1992 [138]	x		
Onywera et al. 2004 [139]			x
Oosthuysen et al. 2013 [140]	x		
Ormsbee & Arciero 2012 [141]			x
Ostachowska-Gasior et al. 2005 [142]	x		
Parizkova 1994 [143]		x	
Paschoal & Amancino 2004 [144]	x		
Pate et al. 1992 [145]	x		
Pate et al. 1990 [146]	x		
Penn et al. 1994 [147]	x		
Perry et al. 1992 [148]	x		
Petersen et al. 2006 [149]			x
Petibois et al. 2004 [150]			x
Petersson et al. 1999 [151]	x		
Petersson et al. 2000 [152]		x	
Pfeiffer et al. 2012 [153]			x
Pichard et al. 1997 [154]	x		
Popovic et al. 2010 [155]	x		
Pohlman et al. 1992 [156]	x		

Poehlman et al. 1990 [157]	x		
Procter-Gray et al. 2008 [158]	x		
Proctor et al. 1996 [159]	x		
Quinn et al. 2011 [160]		x	
Quintas et al. 2003 [161]	x		
Ratcliff et al. 2011 [162]	x		
Rector et al. 2009 [163]	x		
Rejc et al. 2010 [164]			x
Rickenlund et al. 2003 [165]	x		
Rico et al. 1993 [166]	x		
Rico et al. 1993 [167]	x		
Riddell et al. 2003 [168]	x		
Riley-Hagan et al. 1992 [169]	x		
Robertson et al. 1991 [170]	x		
Rogosheske et al. 1994 [171]	x		
Rokitcki et al. 1994 [172]	x		
Ross et al. 2014 [173]			x
Rossi et al. 2014 [174]		x	
Roy et al. 1998 [175]	x		
Rutherford 1993 [176]	x		
Ryan et al. 1996 [177]	x		
Sanchez-Benito et al. 2007 [178]	x		
Sanchez-Benito & Sanchez Soriano 2007 [179]	x		
Saunders et al. 1998 [180]	x	x	
Schmidt et al. 1994 [181]	x		
Schneider et al. 1992 [182]	x		
Schtscherbyna et al. 2009 [183]	x		
Schulz et al 1991 [184]	x		
Sherk et al. 2014 [185]	x		
Shimizu et al. 2012 [186]	x		
Shing et al. 2013 [187]		x	
Singh et al. 1990 [188]	x		
Singh et al. 1993 [189]		x	
Sjodin et al. 1996 [190]			x

Skarda & Burge 1998 [191]	x		
Slater et al 2005 [192]			x
Slattery et al. 2012 [193]			x
Smathers et al. 2009 [194]	x		
Smith & Rutherford 1993 [195]	x		
Snead et al. 1992 [196]	x		
Snow et al. 2000 [197]	x		
Soot et al. 2006 [198]	x		
Soot et al. 2007 [199]	x		
Soria et a. 2011 [200]	x		
Soultanakis & Platanou 2008 [201]		x	
Stewart & Hannan 2000 [202]	x		
Stöggel et al. 2013 [203]	x		
Stuempfle et al. 2002 [204]			x
Stuempfle et al. 2003 [205]			x
Stuempfle et al. 2013 [206]			x
Stray-Gundersen et al. 1991 [207]		x	
Strid et al. 2011 [208]			x
Sudi et al. 2001 [209]	x		
Suetta et al. 1996 [210]	x		
Sutherland et al. 1991 [211]	x		
Sutherland et al. 1992 [212]	x		
Syrotuik et al. 2001 [213]			x
Taaffe & Marcus 1999 [214]	x		
Taaffe et al. 1995 [215]	x		
Taipale et al. 2014 [216]			x
Tarnopolsky et al. 1995 [217]	x		
Tarnopolsky et al. 1997 [218]	x		
Thompson et al. 1993 [219]	x		
Thompson et al. 1995 [220]	x		
Thompson & Manore 1996 [221]	x		
Tomten et al. 1998 [222]	x		
Tomten & Hostmark 2009 [223]		x	
Tremblay et al. 1990 [224]	x		

Tuuri et al. 2002 [225]	x	x	
Vanheest et al. 2014 [226]		x	
Vogt et al. 2005 [227]			x
Warren et al. 1990 [228]	x		
Weight et al. 1991 [229]	x		
Weight et al. 1992 [230]	x		
Weitkunat et al. 2012 [231]			x
Wesche & Wiersinga 2001 [232]			x
Wilber et al. 1996 [233]	x		
Williams et al. 1992 [234]			x
Williford et al. 1993 [235]	x		
Wilmore et a. 1992 [236]	x		
Withers et al. 1992 [237]	x		
Withers et al. 1993 [238]	x		
Wulff Helge et al. 2012 [239]	x		
Zaccaria et al. 2013 [240]	x		
Zietz et al. 2009 [241]		x	

*e.g. no absolute values reported, no values for energy/macronutrient intake reported

NR = not reported

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